

# TABLE OF CONTENTS

<b>PART I</b>	<b>CONFERENCE SCHEDULE</b> .....	<b>1</b>
<b>PART II</b>	<b>PLENARY SPEECHES</b> .....	<b>3</b>
<b>PART III</b>	<b>ORAL SESSIONS</b> .....	<b>6</b>
	<b>ORAL_1: BIOINFORMATICS AND COMPUTATIONAL BIOLOGY</b> .....	<b>6</b>
	<b>ORAL_2: BIOMEDICAL ENGINEERING (1)</b> .....	<b>7</b>
	<b>ORAL_3: AIR QUALITY AND POLLUTION</b> .....	<b>8</b>
	<b>ORAL_4: CHEMICAL POLLUTION</b> .....	<b>9</b>
	<b>ORAL_5: WATER QUALITY AND POLLUTION (1)</b> .....	<b>9</b>
	<b>ORAL_6: WATER QUALITY AND POLLUTION (2)</b> .....	<b>10</b>
	<b>ORAL_7: BIOMEDICAL ENGINEERING (2)</b> .....	<b>11</b>
	<b>ORAL_8: IMAGE PROCESSING</b> .....	<b>12</b>
	<b>ORAL_9: LAND POLLUTION, SOLID WASTE POLLUTION, ECOSYSTEM AND PUBLIC HEALTH</b> .....	<b>13</b>
	<b>ORAL_10: WATER QUALITY AND POLLUTION (3)</b> .....	<b>14</b>
	<b>ORAL_11: WATER QUALITY AND POLLUTION (4)</b> .....	<b>15</b>
	<b>ORAL_12: WATER QUALITY AND POLLUTION (5)</b> .....	<b>15</b>
<b>PART IV</b>	<b>POSTER SESSIONS</b> .....	<b>17</b>
<b>PART V</b>	<b>INSTRUCTIONS FOR PRESENTATIONS</b> .....	<b>54</b>
<b>PART VI</b>	<b>HOTEL INFORMATION</b> .....	<b>55</b>
<b>PART VII</b>	<b>TOURISM INFORMATION</b> .....	<b>56</b>
	<b>CONTACT US</b> .....	<b>57</b>

# Part I Conference Schedule

## Registration May 10 ~ May 12, 2011

Time	Date	Location
09:00-20:00	May 10 <sup>th</sup> , 2011	
08:30-18:00	May 11 <sup>th</sup> , 2011	3 <sup>rd</sup> floor, Optics Valley Kingdom Plaza, Wuhan
08:30-14:00	May 12 <sup>th</sup> , 2011	

## Wednesday Morning, May 11

Time	Activity	Location: Grand Ballroom (大宴会厅), 3 <sup>rd</sup> floor, Optics Valley Kingdom Plaza, Wuhan
08:30-09:00	Opening Ceremony Welcome speech (Chair: <b>Prof. Kuo-Chen Chou</b> , Gordon Life Science Institute, USA)	
09:00-09:40	Plenary Speech 1: <i>An NMR method for visualizing physiological states of membrane transporters: application to mitochondrial carriers</i> <b>Prof. James J. Chou</b> (Harvard Medical School, USA)	
09:40-10:20	Plenary Speech 2: <i>Opportunities for predictive modeling and simulation in drug research and development</i> <b>Prof. Paolo Vicini</b> (Pfizer Worldwide Research and Development, USA)	
10:20-10:40	Coffee Break	
10:40-11:20	Plenary Speech 3: <i>Human Disease Gene Networks: Reconstruction, Prediction and Validation</i> <b>Prof. Bin Zhang</b> (Sage Bionetworks, USA)	
11:20-12:00	Plenary Speech 4: <i>Biomarker Studies of Occupational Exposure to Toxic Chemicals in China: A 20-Year Review</i> <b>Prof. Luoping Zhang</b> (University of California, Berkeley, USA)	

## Wednesday Noon, May 11

		Location
12:10 – 13:30	<b>Lunch Buffet</b>	Kingdom hall(金盾多功能厅) 2 <sup>nd</sup> floor, Optics Valley Kingdom Plaza, Wuhan Perry Ge Western Restaurant (派瑞阁西餐厅) 3 <sup>rd</sup> floor, Optics Valley Kingdom Plaza Wuhan

## Wednesday Afternoon, May 11

Time	Activity (Coffee Break 15:40 – 16:00)	Location: 3 <sup>rd</sup> floor, Optics Valley Kingdom Plaza, Wuhan
14:00 – 18:00	Oral_1: Bioinformatics and Computational Biology	Qingchuan hall(晴川厅), 3 <sup>rd</sup> floor
	Oral_2: Biomedical Engineering (1)	Qintai hall(琴台厅), 3 <sup>rd</sup> floor
	Oral_3: Air Quality and Pollution	Huanghe hall(黄鹤厅), 3 <sup>rd</sup> floor
	Oral_4: Chemical Pollution	Guanggu hall(光谷厅), 3 <sup>rd</sup> floor
	Oral_5: Water Quality and Pollution (1)	Grand Ballroom(大宴会厅), 3 <sup>rd</sup> floor
	Oral_6: Water Quality and Pollution (2)	Donghu hall(东湖厅), 3 <sup>rd</sup> floor

### Wednesday Evening, May 11

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18:30 – 20:00	<b>Welcome banquet</b>	<b>Location</b> Kingdom hall(金盾多功能厅) 2 <sup>nd</sup> floor , Optics Valley Kingdom Plaza, Wuhan
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### Thursday Morning, May 12

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<b>Time</b>	<b>Activity</b> (Coffee Break 10:00 – 10:20)	<b>Location:</b> 3 <sup>rd</sup> floor, Optics Valley Kingdom Plaza, Wuhan
08:30 – 12:00	Oral_7: Biomedical Engineering (2)	Qingchuan hall(晴川厅), 3 <sup>rd</sup> floor
	Oral_8: Image Processing	Qintai hall(琴台厅), 3 <sup>rd</sup> floor
	Oral_9: Land Pollution, Solid Waste Pollution, Ecosystem and Public Health	Huanghe hall(黄鹤厅), 3 <sup>rd</sup> floor
	Oral_10: Water Quality and Pollution (3)	Guanggu hall(光谷厅), 3 <sup>rd</sup> floor
	Oral_11: Water Quality and Pollution (4)	Donghu hall(东湖厅), 3 <sup>rd</sup> floor
	Oral_12: Water Quality and Pollution (5)	Grand Ballroom(大宴会厅), 3 <sup>rd</sup> floor

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### Thursday Noon, May 12

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12:10 – 13:30	<b>Lunch Buffet</b>	<b>Location</b> Kingdom hall(金盾多功能厅) 2 <sup>nd</sup> floor , Optics Valley Kingdom Plaza, Wuhan Perry Ge Western Restaurant (派瑞阁西餐厅) 3 <sup>rd</sup> floor, Optics Valley Kingdom Plaza, Wuhan
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### Thursday Afternoon, May 12

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<b>Time</b>	<b>Activity</b>	<b>Location</b>
14:00-17:30	Poster_1: Bioinformatics and Computational Biology	Grand Ballroom(大宴会厅), 3 <sup>rd</sup> floor, Optics Valley Kingdom Plaza, Wuhan
	Poster_2: Biomedical Engineering	
	Poster_3: Air Pollution and Water Pollution	
	Poster_4: Chemical Pollution, Land Pollution, Solid Waste Pollution, Ecosystem and Public Health	
	Poster_5: Water Quality and Treatment	

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### Friday, May 13

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08:00 – 17:00	<b>Conference Tour</b>	<b>Location:</b> Wuhan city
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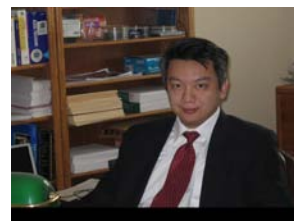
## Part II Plenary Speeches

### **Plenary Speech: An NMR method for visualizing physiological states of membrane transporters: application to mitochondrial carriers**

**Speaker: Prof. James J. Chou, Harvard Medical School, USA**

**Time: 09:00-09:40, May 11, 2011**

**Location: Grand Ballroom, 3rd floor, Optics Valley Kingdom Plaza, Wuhan**



#### **Abstract:**

Mitochondrial carriers are a family of membrane proteins that catalyze the transport of small solutes across mitochondrion inner membrane. Structural characterization of this family of proteins has been challenging due possibly to the dynamic nature of these transporters. We developed a solution nuclear magnet resonance (NMR) system for structural characterization of the mitochondrial uncoupling protein 2 (UCP2), a member of the carrier family that translocates protons across the inner membrane of mitochondrion, and determined its structure using an approach that combines the orientation restraints encoded in NMR residual dipolar couplings (RDCs) and the semi-quantitative distance restraints derived from paramagnetic relaxation enhancement (PRE) measurements. The protein local and secondary structures were determined by piecing together molecular fragments from the Protein Data Bank (PDB) that best-fit experimental RDCs measured in proteins weakly aligned in DNA nanotube liquid crystal. The RDCs also determine the relative orientation of the secondary segments while PRE restraints provide their spatial arrangement in the tertiary fold. We believe this biophysical approach, based on solution NMR spectroscopy, can be applied broadly to other membrane proteins and in particular to other mitochondrial carriers, not only for structure determination but also for characterizing various conformational states of these proteins linked to substrate transport.

### **Plenary Speech: Opportunities for predictive modeling and simulation in drug research and development**

**Speaker: Dr. Paolo Vicini, Pfizer Worldwide Research and Development, USA**

**Time: 09:40-10:20, May 11, 2011**

**Location: Grand Ballroom, 3rd floor, Optics Valley Kingdom Plaza, Wuhan**



#### **Abstract:**

Drug research and development is a complex, resource-intensive undertaking that spans many years and numerous disciplines in its quest to deliver medicines to patients. Recently, computer modeling of drug distribution and effect in individuals and populations has made great strides and has profoundly influenced aspects of

how novel therapeutics are investigated. These efforts constitute an emerging science that builds on aspects of mathematics, computer science, engineering and physics. Information gathered at every level of discovery and development is invariably characterized by large biological variability and difficulties associated with experimental design and data gathering. Modeling and simulation, specifically of pharmacokinetic and pharmacodynamic data, influences both clinical development, through the adoption of population analysis and mixed effects modeling as part of the pharmacometrics discipline, and the discovery phase, through the emerging area of systems pharmacology. At the boundary between these two lay opportunities for translational research, the effective transfer of information from basic science to the clinic. This talk will review how modeling and simulation influences drug discovery and development and will focus on systems approaches and the promise they hold for translational research. Both opportunities and challenges will be highlighted, as well as potential synergy with academic research and points of contact with the field of bioengineering.

## **Plenary Speech: Human Disease Gene Networks: Reconstruction, Prediction and Validation**

**Speaker: Dr. Bin Zhang, Sage Bionetworks, USA**

**Time: 10:40-11:20, May 11, 2011**

**Location: Grand Ballroom, 3rd floor, Optics Valley Kingdom Plaza, Wuhan**



### **Abstract:**

The unprecedented volumes of large-scale genomic and genetic data being generated today, combined with the poor understanding of the genetics underlying complex biological systems, demand a systems biology approach to identify a global landscape of interactomes that contribute to a variety of clinical endpoints such as disease progression. Recent progresses in this direction have uncovered gene modules or subnetworks associated with a number of human diseases and have enabled further prioritization of gene targets. In this talk, I will first review a couple of novel algorithms for reconstructing gene association and causal networks and then introduce several network-based metrics for predicting key drivers underlying disease gene networks. I will also discuss the strategies for validating gene targets and networks. Under such a highly integrative network analysis framework, I will highlight a number of key applications and novel findings in cancer, obesity and diabetes, atherosclerosis, and Alzheimer's disease.

## Plenary Speech: Biomarker Studies of Occupational Exposure to Toxic Chemicals in China: A 20-Year Review

**Speaker:** Dr. Luoping Zhang, University of California, Berkeley, USA

**Time:** 11:20-12:00, May 11, 2011

**Location:** Grand Ballroom, 3rd floor, Optics Valley Kingdom Plaza, Wuhan



### Abstract:

China, a rapidly developing country, has recently become the largest economy in Asia, and the second largest in the world. The increase in industry fuelling this rapid development has been paralleled by an increased production of toxic chemicals, resulting in the exposure of many Chinese workers to these toxicants in the workplace. However, the adverse health effects associated with these exposures have not been widely studied and are poorly understood. Since the early 1990's, we, along with colleagues at the US NCI, China CDC and Guangdong Poison Control Center, have systematically investigated the toxic effects of occupational exposure to benzene, butadiene, formaldehyde and trichloroethylene (TCE) using a biomarker approach. **Benzene.** We have examined biomarkers of benzene toxicity in two study populations occupationally exposed to benzene in Shanghai and Tianjin. We detected leukemia-specific chromosomal changes in exposed workers, most recently using a chromosome-wide aneuploidy detection technique. We reported that hematotoxicity occurred in exposed workers, even at low-dose exposures, suggesting bone marrow toxicity. Dose-dependent decreases in lymphocyte subsets and in colony formation from early progenitor cells were also found. Individual toxicogenomic studies, in a systems biology approach, revealed potential gene expression, protein, DNA methylation and miRNA biomarkers of benzene exposure. Biomarkers of susceptibility to benzene toxicity were identified in multiple genotyping studies. **Butadiene.** We reported that low levels of occupational butadiene exposure in Yanshan, did not pose a significant risk of genetic damage, measured as chromosome damage and gene mutation, even in potentially susceptible subgroups. **Formaldehyde.** We examined hematotoxicity, progenitor cell colony formation and aneuploidy in workers occupationally exposed to formaldehyde in Guangdong. Among exposed workers, peripheral blood cell counts and proliferation of myeloid progenitor proliferation were significantly lowered. Further, leukemia-specific chromosome aneuploidies (monosomy 7, trisomy 8) were significantly elevated in myeloid blood progenitor cells. **TCE.** A study of occupational TCE exposure in Guangdong, revealed that the total lymphocyte count and each of the major lymphocyte subsets were significantly decreased among the TCE-exposed workers compared with controls, with evidence of a dose-dependent decline. In addition, soluble CD27 and CD30, two members of the tumor necrosis factor receptor superfamily that play an important role in regulating cellular activity in subsets of T-, B- and natural killer (NK) cells, were greatly reduced in exposed workers. In conclusion, we have identified biomarkers of exposure to the known and potential leukemogens and lymphomagens, benzene, formaldehyde and TCE. These findings show that biomarkers are powerful tools to examine the association between chemical exposure and public health. Such biomarker studies are necessary to examine the toxic effects of occupational exposure to the wide range of toxicants in China.

## Part III Oral Sessions

### Oral\_1: Bioinformatics and Computational Biology

Chair: Dr. Wei Zhong, University of South Carolina Upstate, USA

Qingchuan hall(晴川厅), 3rd floor

Time: 14:00-18:00, Wednesday, May 11

Paper ID	Paper Title	Author	Affiliation
30432	Class Conditional Distance Metric for 3D Protein Structure Classification	Jingyan Wang	Chinese Academy of Science, China
32331	Effects of boundary conditions on surface EMG computer simulation based on a multi-layer finite element model	Yingchun Zhang	University of Minnesota, USA
30553	Weighted Maximum Margin Criterion Method: Application to Proteomic Peptide Profile	Xiao Li Yang	Qijing Normal University, China
30557	Structural Modeling of CYP51 from <i>Penicillium digitatum</i> and the Inhibitor Coordination Interactions	Shuxiang Li	Central China Normal University, China
30858	Ectopic expression of Tim-3 induces tumor-specific antitumor immunity	Osama A O. Elhag	Central China Normal University, China
30866	Small-world Network Properties of ProteinComplexes: Node Centrality and CommunityStructure	Gouchol Pok	Yanbian University of Science and Technology, China
31159	A solution to integrate data for phylogenetic research	Yanping Gao	Chinese Academy of Sciences, China
31269	Purification and bioactivity of the angiogenesis inhibitor DCAIF-II from the cartilage of <i>Dasyatis akajei</i>	Bin Wang	Zhejiang Ocean University, China
31400	Altering the Substrate Specificity of Methyl Parathion Hydrolase for Enhanced Hydrolysis of Paraoxon by Error-prone PCR	Yongze Yuan	Central China Normal University, China
31730	In silico investigation of interaction between human neutrophil elastase and sea anemone <i>Heteractis crispa</i> Kunitz polypeptides	Elena Zelepuga	Far Eastern Branch of Russian Academy of Sciences, Russian Federation
31757	Proteasomes Cleavage Sites Prediction by Using Rough Set Theory	Xinghuo Ye	Wuhan University, China
32000	Lacunarity analysis of genomic sequences: A potential bio-sequence analysis method	Gopakumar G	University of Kerala, India
32430	Fractal dimensions of protein sequences in a protein-protein interaction network enables prediction of hubness property	Gopakumar G	University of Kerala, India
31407	Analysis in silico of epitopes on 2009 pandemic H1N1 virus proteins	Xianwu Guo	Centro de Biotecnología Genómica Instituto Politécnico Nacional, México
31818	Wavelet Packet Analysis of DNA Sequences	En-Bing Lin	Central Michigan University, USA
31682	Application of reversal operation in optimizing synthesis strategy for DNA microarrays	Fei-Peng Yang	Central South University, China
31778	Normal and Obese Liver Expressional QTLs Reveal Genes and Pathways Underlying Metabolic Disorders	Ke Hao	Merck Research Labs, USA
31139	Evaluation of measures to detect the synchrony between interacting pendulum oscillators	Saeid Mehrkanoon	The University of Newcastle, Australia

## Oral\_2: Biomedical Engineering (1)

Chair: Dr. Yu Chen, University of Strathclyde, UK

Qintai hall(琴台厅), 3rd floor

Time: 14:00-18:00, Wednesday, May 11

Paper ID	Paper Title	Author	Affiliation
30188	Assessment of Sacral Tissue Oxygenation Oscillations in Persons with Spinal Cord Injury	Zengyong Li	Shandong University, China
30697	Fractional Brownian Motion in Biomedical Signal Processing, Physiology, and Modern Physics	Shyang Chang	National Tsing Hua University, Taiwan, China
30854	Performance of the EDR Methods	Cafer Avci	University of Yalova, Turkey
31048	Phase-locked and Non-phase-locked Event-related Oscillations and Channel Power Spectra Analysis during Motor Imagery with Speed Parameters for BCRI	Yunfa Fu	Shenyang Institute of Automation, CAS, China
31074	Hierarchical Projected Regression for Torque of Elbow Joint Using EMG Signals	Yang Chen	Shenyang Institute of Automation, CAS, China
31168	Fluorescence intensity and lifetime imaging of gold nanorods in cells	Yu Chen	University of Strathclyde, UK
31403	Reactive Rhythm Activities and Offline Classification of Imagined Speeds of Finger Movements	Yunfa Fu	Shenyang Institute of Automation, CAS, China
31442	Simulation of Nerve Conduction Block Induced by High Frequency Sinus/square Biphasic Electrical Current and Suggested Novel Electrical Current (Assimilating High Frequency Sinus/Square pulses) based on Schwarz Reid Bostock Model	Sevil Behnam Makooyi	Islamic Azad University - Tabriz branch, Iran
31658	Microwave-assisted extraction and the antioxidant activity of water-soluble polysaccharide from <i>Palmaria palmata</i>	Bin Wang	Zhejiang Ocean University, China
31661	One-time Implantable SCS System	Chia-Hao Hsu	National Sun Yat-Sen University, Taiwan, China
31720	Microwave-assisted extraction and antioxidant activity of chondroitin sulfate from the cartilage of <i>Dasyatis akajei</i>	Bin Wang	Zhejiang Ocean University, China
32384	Comparison of on-line wavelet analysis and reconstruction: with application to ECG	Federico Lestussi	National University of Litoral, Argentina
31478	Serum Insulin Like Growth Factor – 1 As A Reliable Diagnostic Marker: Myanmar Postmenopausal Osteoporotic Study	Hta Kyi Sunn	Molecular Biology Laboratory (Li Lab), Tongji Medical College, China
32216	GenomeDesign: A bioinformatics program for genome and multiplex gene synthesis	Chun-Yew Cheong	Institute of High Performance Computing, Singapore
31974	Regional obstruction in cystic fibrosis patients	Zhanqi Zhao	Furtwangen University, Germany
32459	Disinfection using UVA light on glass surfaces with or without titanium dioxide coating	Linchao Ye	Furtwangen University, Germany
32143	OTOROB: Robot for Orthopaedic SurgeonRoboscope: Non-interventional Medical Robot for Telerounding	Muhammad Iftikhar	University Malaysia Sabah
32314	Coefficient Of Underactuated Mechanism (Couam)Novel Approach For Underactuated Mechanism Of Myoelectric Hand Prosthesis	Sheikh Masood Majid Jan	University Malaysia Sabah

### Oral\_3: Air Quality and Pollution

Chair: Dr. Qiuqing Geng, Swedish Institute for Agricultural and Environmental Engineering (JTI), Sweden  
 Huanghe hall(黄鹤厅), 3rd floor Time: 14:00-18:00, Wednesday, May 11

PaperID	Paper Title	Author	Affiliation
60396	Pollution Level And Distribution Of PCBs Congeners Between Vapor Phase and Particulate Phase In Winter Air Of Dalian,China	Qian Xu	Dalian Jiaotong University, China
60526	Pilot-scale Preparation of Nanometer photocatalytic Film for Air Purification by Loading Commercial Nanometer Titanium Oxide Powder on Honeycomb Aluminum	Hongyou Hu	Xiamen University, China
60813	Suburban-rural contrasts of carbon dioxide fluxes in Beijing	Junxia Dou	Institute of Urban Meteorology, China Meteorological Administration, China
61271	Synthesizing Cordierite from High-alumina Fly Ash and talc powder	Jiang-feng CHEN	Henan Polytechnic University, China
61394	Ventilation air methane recovery by pressure swing adsorption	Yingshu liu	University of Science and Technology Beijing, China
61514	The Capacity of 15 Indoor Plants in Removing the Indoor Air Pollutant Toluene and Xylene and Their Tolerance to Toluene and Xylene Stress	Jingnan Luo	Beijing Forestry University, China
62267	The Effectiveness of Eight English Ivy Cultivars in Removing the Indoor Air Pollutant Toluene and Xylene and Their Responses to Toluene and Xylene Stresses	jingnan Luo	Beijing Forestry University, China
62953	Effect of ionization on air quality in a pig house -a pilot study	Qiuqing Geng	JTI - Swedish Institute of Agricultural & Environmental Engineering, Sweden
63487	Exposure Monitoring of Aerosols in Different Indoor and Outdoor Environments	Changjun Tian	GRIMM Aerosol Technik GmbH & Co. KG, Germany
63683	Studying The Activity of Vanadium SCR Catalysts With The Doping of Nickel	Youhong Xiao	Harbin Engineering University, China
63687	Impact factors and its spatio-temporal disparity analysis of the industrial SO2 emissions using the STIRPAT model	Sisi Xiao	Jiangsu University, China
63781	A Pilot Scale Experiment of Odor Styrene Treatment in Biotrickling Filter	Ying Kuang	China University of Geosciences(Beijing), China
61055	Absorption of airborne particulates and pollutants by ivy (Hedera helix L) in Oxford, UK.	Troy Sternberg	Oxford University, UK
60091	Seasonal variation in heavy metals concentration in road side soil of districtHaridwar, Uttarakhand. (India)	Prakash Chandra Joshi	Gurukula Kangri University, India

## Oral\_4: Chemical Pollution

Chair: Prof. Xu Yang, Central China Normal University, China

Guanggu hall(光谷厅), 3rd floor

Time: 14:00-18:00, Wednesday, May 11

Paper ID	Paper Title	Author	Affiliation
60427	Synthesis and Identification of Artificial Antigen for Bupirimate	Yaran Zhang	Hua Zhong Normal University, China
60442	Toxic Effects of Nano-Fe <sub>2</sub> O <sub>3</sub> on Liver and Kidney Cells of Rats	Jingyun Zhao	Hua Zhong Normal University, China
60661	Human Osteosarcoma Cell Functions Enhanced by Nanoscale TiO <sub>2</sub> with Different Surface Topography	Xiaoling Xiang	Huazhong Normal University, China
60663	Effect of DEHP on Learning and Memory Ability of Kunming Mice	Jiaqi Tang	Huazhong Normal University, China
60667	Oxidative Damage of Fe <sub>3</sub> O <sub>4</sub> Nanoparticles on Mouse Hepatic Cells in vitro	Ye Yuan	Huazhong Normal University, China
60671	Toxicity of nano-manganese Dioxide Particles on Tetrahymena pyriformis GL	Shangyue Yang	Huazhong Normal University, China
60770	Recombinant Expression and Biosensor Design of Mouse brain Acetylcholinesterase by one-step electrochemical deposition	Weiying Zhang	Central China Normal University, China
61700	Primary study of the levels of PBDEs, PCBs, OCPs, and PAHs in fish and shellfish in Taihu Lake, China	Yuping Pang	Shanghai University, China
61800	Life Cycle Human Toxicity Assessment in Coke Industry for Polycyclic Aromatic Hydrocarbons	Jinglan Hong	Shandong University, China
62174	Concentrations, Patterns and Risk Assessment of Representative Organochlorines in Biotic Samples from Taihu Lake, China	Ying Wang	Tongji University, China
62308	Aquatic Predicted No-effect Concentration (PNEC) Derivation for Perfluorooctane Sulfonic Acid (PFOA)	Ying Wang	National Marine Environmental Monitoring Center, China
62970	Seasonal Variation of Heavy Metals in the Sediment of Poyang Lake, China	Tianlong Deng	Tianjin University of Science and Technology, China
63413	Cytotoxicity of Eight Organic Solvents towards Balb/c 3T3 and 293T Cells	Shuang Wu	Beijing university of technology, China
63803	Effect of Rhamonlipid – Biosurfactant on the Cell Surface Properties of Two Pseudomonas Strains	Fei Hua	Beijing Normal University, China
61095	Assessment of workplace diesel exhaust exposure and health effects	Le Jian	Curtin University, Australia

## Oral\_5: Water Quality and Pollution (1)

Chair: Prof. Jia Guo, Wuhan Institute of Technology, China

Grand Ballroom(大宴会厅), 3rd floor

Time: 14:00-18:00, Wednesday, May 11

Paper ID	Paper Title	Author	Affiliation
60493	Spatial discrepancy of nitrate and nitrite pollution in the Jiantan River in the Three Gorges Reservoir Area	Liu Xiangchao	Chongqing Jiaotong University, China

Paper ID	Paper Title	Author	Affiliation
60751	Using Impinging Stream to Kill Algae, Fungi and Bacteria in Cooling Water of Thermal Power Plants	Xia Yang	Wuhan Institute of Technology
61294	A Novel Method to Simulate the Effect of Storm Sewer Sediment on First Flush	Jianlong Wang	Beijing Univ. of Civil Engineering and Architecture, China
62220	Numerical Analysis on Riverbed Erosion and Sediment Deposition in the North Branch of the Changjiang Estuary	Jie Gu	Shanghai Ocean University, China
62644	An integrated technology for the control of aquatic alligator weeds ( <i>Alternanthera philoxeroides</i> )	Liu wei	East China Normal University, China
62950	Factor Analysis on Environmental Parameters Influencing HABs in West Lake Chaohu	Di Guan	Harbin Institute of Technology, China
62992	Environmental electrochemistry as a tool for water and air quality monitoring	Irena Ciglenecki	Rudjer Boskovic Institute, Croatia
63808	The Effect of Unclassified Tailings Paste Filling on Underground Water Quality	Hua-zhe Jiao	University of Science & Technology Beijing, China
63836	The coupling system of electrochemical oxidation and constructed wetland for polluted surface water treatment	Chunrong Wang	China University of Mining & Technology(Beijing), China
61508	Numerical Simulation and Analysis on Fuel Oil Leakage Accident in Huangpu River	Cuiping Kuang	Tongji University, China
62048	Enhanced removal of phosphorus in domestic sewage treatment with coagulation-MBR	Bin Sun	TianJin Polytechnic University, China
62539	Analysis on Evolution of Hengsha Passage in the Yangtze River Estuary with BP Artificial Neural Network	Jie Gu	Shanghai Ocean University, China
63160	Screening of Algicidal Bacteria in the Lake and Study on Their Algae-lytic Effects	Jidan Liu	Tongji University, China

## Oral\_6: Water Quality and Pollution (2)

Chair: Prof. Wenxin Li, Shaanxi University of Science and Technology, China

Donghu hall(东湖厅), 3rd floor

Time: 14:00-18:00, Wednesday, May 11

Paper ID	Paper Title	Author	Affiliation
60080	Microwave intensified and regenerated iron chip-pings/coconut-shell activated carbon system to degrade Reactive Brilliant Red K-2BP in water	Jie Fu	Nanjing University, China
60232	Removal of Lead(II) ion from Waste Water by Composite Modified Maifan Stone	Guan Denggao	Chengdu University of Technology, China
60714	Study on Adsorption Kinetics and Mechanism of Cr (III) by Wool	Wenxin Li	Shaanxi University of Science&Technology, China
61005	The Effects of C/N and Acetic/Propionic Acid Ratio on the Denitrification in Constructed Wetlands	Asheng Cao	Tongji University, China
61378	Inactivation Kinetics of Adsorptive Bacteria with Free Chlorine in GAC Treatments	Leilei Wang	Shanghai Municipal Engineering Design General Institute
61561	Defluorination from groundwater in rural China by nanofiltration technology: performance and multistage arrangement	Xiaowei Wang	Beijing Normal University, China

Paper ID	Paper Title	Author	Affiliation
61606	Treating BCTMP Effluent with Fenton-Advanced Oxidation Process	Fangrong Fu	Institute of Chemical Industry of forest Products, CAF, China
62036	Microbial Degradation of Chromium Azo Dye	Po Keung Wong	The Chinese University of Hong Kong, Hong Kong, China
63057	Using Combined Ultrasound and Zeolite-GAC Filtration Lab-scale Process for Pre-treating Micropolluted Water	Yahong Yang	Lanzhou University of Technology, China
63660	Study on the process of the Movable Sewage Treatment Equipment and its structure design	Jinwei Li	Tianjin University of Science & Technology, China
63743	Treating Papermaking Effluent under Pilot-scale Test by Electrochemical/Fixed Biofilm Technologies	Feng Shi	Institute of Chemical Industry of forest Products, CAF, China

## Oral\_7: Biomedical Engineering (2)

Chair: Dr. Yan Li, Roche Molecular Diagnostics, USA

Qingchuan hall(晴川厅), 3rd floor

Time: 08:30-12:00, Thursday, May 12

Paper ID	Paper Title	Author	Affiliation
30360	A Novel Marker Tracking Method Based on Extended Kalman Filter for Multi-camera Optical Tracking Systems	Li Liu	Shenzhen Institutes of Advanced Technology, CAS, China
30529	Tetrandrine-loaded Fibrous Extracellular Matrix for Cartilage Tissue Engineering	Ye Zhang	Tianjin University of Traditional Chinese Medicine, China
30750	Preparation, characterization, and performance of zinc-substituted hydroxyapatite	Zhanglei Ning	University of Science & Technology Beijing, China
30985	Reliability of Finger Tapping Test Used in Diagnosis of Movement Disorders	Yuko Sano	Hitachi Ltd., Japan
31136	Slant Effects in Fold-line Wheatstone-Panum Limiting Case—A Solid Evidence for Double Matching	Huayun Li	South-Central University for Nationalities, China
31279	Using Windkessel Model to Measure Brachial Blood Flow	Shing-Hong Liu	Chaoyang University of Technology, Taiwan, China
31588	Population dynamics of <i>Rattus norvegicus</i> caraco Seasonal Change in Harbin	Yu Wang	Heilongjiang Academy of Agricultural Science Plant Protection Institute, China
31784	Finite element analysis of stent deployment in a stenotic artery and their interactions	Shijia Zhao	University of Nebraska-Lincoln, US
31797	A novel method for rat osteoarthritis induced by sustained releasing papain	Zhan-Biao Liu	Tianjin University of Traditional Chinese Medicine, China
31817	The validation of Echo-PIV technique used in a stenosis model	Hecong Zhu	Sichuan University, China
31981	Modelling of Transient Heat Transfer in Human Eye with a Tumour Using 3D Finite Element Method	Amin Dehghani	K.N.Toosi University of Technology, Iran
32005	Development of Fall Characteristics Collection System for Fall Prevention Strategies	Chia-Juei Hsieh	National Yang-Ming University, Taiwan, China
32097	Dynamics of Protein Permeability of Filter Membranes during Artificial Kidney Therapy	Wenhao Xie	Institute of Applied Nephrology, Germany

Paper ID	Paper Title	Author	Affiliation
32389	Model-based Quantification of Pressure and Time Depending Effects in ARDS Patients	Christoph Schranz	Hochschule Furtwangen University, Germany
32042	In vivo study of adenovirus mediated transgenic HIF-1 $\alpha$ and its protective effects on cardiac function	Ning-wei Zhao	Shimadzu Global COE for Application & Technical Development, China.
31770	Modification gelatin scaffold with carboxymethylcellulose for dermal skin	Fasai Wiwat-wongwana	Chiang Mai University, Thailand
31160	Automatic Boundary Detection in Breast Ultrasound Images based on Improved Pulse Coupled Neural Network and Active Contour Model	Jing Jiao	Fudan University, China
31613	An Improved Filtered Back-Projection Algorithm for Photoacoustic Tomography	Yan Zhang	Fudan University, China
30397	Cell Culture Microfluidic Biochips: Experimental Throughput Maximization	Wajid Hassan Minhass	Technical university of Denmark (DTU), Denmark
32345	A Cuff-Based Approach for Assessing the Flow-Mediated Dilatation of Brachial Arteries	Jamies Su	I-Shou University
32399	Sleep Apnea Detection from ECG Signal: Analysis on Optimal Features, Principal Components, and Nonlinearity	Sani M. Isa	University of Indonesia

## Oral\_8: Image Processing

Chair: Dr. Feng Cheng, Yale School of Medicine, USA

Qintai hall(琴台厅), 3rd floor

Time: 08:30-12:00, Thursday, May 12

Paper ID	Paper Title	Author	Affiliation
30041	Medical Image Transmission over Multi Core Optical Fiber Using Two Stages CDMA Technique	Antoine Abche	University of Balamand, Lebanon
30249	Brain Tumor Segmentation Through Data Fusion of T2-Weighted Image and Mr Spectroscopy	Weibei DOU	Tsinghua University, China
30657	DDIT - A Tool for DICOM Brain Images De-identification	Lin Li	Clemson University, United States
30857	Linear and Quadratic Classifier to detection of skin lesions " Epicutaneous "	Issa IBRAHEEM	Damascus University, Syrian Arab Republic
30859	Assessment of tissue blood perfusion in-vitro using hyperspectral and thermal imaging techniques	Tong Chen	Cranfield University, United Kingdom
31245	Automatic Segmentation of the Body and the Spinal Canal in CT Images Based on A Priori Information	Shanqing Huang	Institute of Plasma Physics, CAS, China
31405	Noninvasive Screening and Discrimination of Skin Images for Early Melanoma Detection	Nikhil Dhinagar	Ohio University, United States
31652	Retinal Identification Based on Rotation Invariant Moments	Amin Dehghani	K.N.Toosi University of Technology, Iran
31664	Region Growing Based on Window Frame Difference for Segmenting Ultrasonic Contrast Images of Arteries	Bo Jiang	Shenzhen Institutes of Advanced Technology, CAS, China
31868	A Clinical Prototype of the Digital Image Elasto Tomography Breast Cancer Screening System	Thomas Lotz	University of Canterbury, New Zealand

Paper ID	Paper Title	Author	Affiliation
32158	Using Additional Dielectric Material to Improve the RF Uniformity in Traveling-wave MRI	Junjie Yang	Zhejiang University, China
32372	Multifractal Feature based Cancer Detection for Pathological Images	Chamidu Atupe-lage	Tokyo Institute of Technology, Japan
31550	Region Based Adaptive Contrast Enhancement of Medical X-Ray Images	Akshay Girdhar	GTB Khalsa Institute of Engg. & Technology, India
30676	Fast Adaptive Ultrasound Speckle Reduction with Bilateral Filter on CUDA	Fengjiao Jiang	Sichuan University, Chengdu, China
31154	Interpretation of Human Tooth Nerve Fiber Image	Mellawaty Rusd	Universitas Indonesia
31223	Breast and Pectoral Muscle Contours Detection Based on Goodness of Fit Measure	Li Liu	Tianjin University

## Oral\_9: Land Pollution, Solid Waste Pollution, Ecosystem and Public Health

Chair: Prof. Xiangyu Wang, Kunming University of Science and Technology, China

Huanghe hall(黄鹤厅), 3rd floor

Time: 08:30-12:00, Thursday, May 12

Paper ID	Paper Title	Author	Affiliation
60006	Preliminary studies on soil erosion intensity grading in southwest karst area, PR China	Jianhua Cao	Institute of Karst Geology CAGS, China
60780	Effect of Petroleum Contamination on Soil Microbial Community in Oil Storage Pit of Daqing Oilfield in China	Xin Li	Northeast Forestry University, China
61276	Novel Preparation Method of Nutrient Composite-Soil for Resourcefication of Biogas Dreg-Residue	Xiangyu Wang	Kunming University of Science and Technology
62238	Detection the Residues of Salbutamol in Pork Liver by fluorospectrophotometry	yanhong bai	Zhengzhou University of Light Industry, China
62262	Paste Filling — a Underground Disposal Technique of Mine Solid Waste	Ai-xiang Wu	University of Science & Technology Beijing, China
62746	Cox Regression Method to Study Safe Work Time in Hot and Humid Environments	Guozhong Zheng	Tianjin University, China
62925	Effects of Paper Mill Effluent, Sludge and Wheat Straw Residue on Remediation of Heavily Degraded Coastal Saline Wetlands in Yellow River Delta, China	Mengjing Xia	China University of Mining and Technology, Beijing, China
63349	Study on Composting of Sewage Sludge with Matured Compost	Xiang-Yang Zhang	Tongji University, China
63410	Use of a PFU microbial community to evaluate the toxicity of leachate from municipal solid waste landfills of various ages	Ting Liu	Huangshi Institute of Technology, China
63703	Effect of Superabsorbent Polymer on Characteristics and Properties of Nutrient Composite-Soil	Xiu Gao	Kunming University of Science-Technology, China
63778	Solidification Treatment of Dredged Waste for Planting Use	Chunlei Zhang	Hohai University, China
63787	Application and problems of soil and water conservation measures for controlling land degradation and desertification in Yangtze River Basin	Honghu Liu	Changjiang River Scientific Research Insitute, China

Paper ID	Paper Title	Author	Affiliation
63909	Treatment of landfill leachate by a combined process of aged-refuse biofilter, ozonation and biofilm	Zhengyang An	Kunming Command School of Public Security & Fire Fighting Army, China
63084	Biochemical conversion of lignocellulose to volatile acids at various pH	Junwei Zhou	Tongji University, China
60567	Lead and cadmium content of ten most popular candies/chocolates and their wrappers favored by students from a university in Manila, Philippines	Judilynn Solidum	University of the Philippines, Philippines
60835	Lead and cadmium levels of selected beauty products sold in wholesale shops in Manila, Philippines	Judilynn Solidum	University of the Philippines, Philippines
63599	Disposal of residential pharmaceutical waste: An initial survey on attitudes, behaviors and risk perception in Portugal	Maria da Graça Martinho	NOVA University of Lisbon, Portugal
63653	Precondition of Oil Pollution Movement in Groundwater under Accident Conditions	Li Chen	Institute of Hydrogeology and Environmental Geology, CAGS

### Oral\_10: Water Quality and Pollution (3)

Chair: Dr. Jidong Liang, Xi'an Jiaotong University, China

Guanggu hall(光谷厅), 3rd floor

Time: 08:30-12:00, Thursday, May 12

Paper ID	Paper Title	Author	Affiliation
60633	Effect of nitrogen and phosphorus removal in a UCT-HMBR and its influencing factors	Yafeng Li	Shenyang Jianzhu University, China
61041	Effect factor of perfluorooctane sulfonate adsorbed on granular activated carbon in aqueous	Chen Pei	Tongji University, China
61440	Optimization of Coupling Effect of Oxidation and Flocculation in Removal of Algal Pollution with Fenton's Reagent	Jin Zhang	Dalian Maritime University, China
61692	Study on the Anaerobic Biodegradability of Dissolved and Colloidal Substance in Wastewater of Recycled Paper Making	Jidong Liang	Xi'an Jiaotong University, China
62322	Removal of nickel ions from wastewater by enhanced ultrafiltration-adsorption process	Zihong Cheng	Dalian University of Technology, China
62336	Degradation of sulfa drugs by photolysis and photocatalysis	Fang Zhou	Southeast University, China
62341	The Combination Mode of Source Controlling(Concentration)-Sewage Interception (Conduction) -Recycling for Rural Non-point Pollution Treatment	Ai-ping Tang	Nanchang University, China
63079	Reductive sorption of heavy metals from aqueous solutions on a carbonaceous sorbent chemically prepared from date palm leaflets	El-Said El-Shafey	Sultan Qaboos University, Oman
63237	Study on oilfield wastewater treatment with composite nanoparticles modified PVDF UF membrane	Qing Zhao	Guangzhou University, China
63539	Adsorption characteristics of Zn(II) and Cu(II) on alkaline Ca-bentonite	Hanbing Zhang	Guangxi University, China
63861	Advanced treatment of composite coagulant to A/O bio-reactor effluent from coking wastewater	Fang Zhu	Taiyuan University of Technology, China

## Oral\_11: Water Quality and Pollution (4)

Chair: Dr. Fen Li, Institute of Geographic Sciences and Natural Resources Research, CAS, China

Donghu hall(东湖厅), 3rd floor

Time: 08:30-12:00, Thursday, May 12

Paper ID	Paper Title	Author	Affiliation
60005	Element Migration and Nutrition Loss of Epikarst Spring During Rainfall at Nongla, Guangxi, SW China: Observations and Ponder	Qiang Li	Institute of Karst Geology, China
60201	Case Study: Integrated Utilization of Nontraditional Water Resources in A Village	Junling Wang	Beijing University of Civil Engineering and Architecture, China
61960	Water quality and Trophic levels as indicators of anthropogenic influences on aquatic environments along the central west coast of India.	Sonali R. Haldankar	National Institute of Oceanography,Goa,India
62525	Statistical analysis of spatial and temporal distribution of total nitrogen in Japanese rivers	Pingping Luo	Kyoto University, Japan
62529	On-farm Study on Wastewater Reuse in Vegetable Cultivation	Seni Karnchanawong	Chiang Mai University, Thailand
62782	Comparative study of numerical delineation for wellhead protection area under steady-state and transient state	Haizhen Xu	Institute of Geology Geophysics, CAS, China
63028	A Model Study on the Nutrient Cycles and Plankton Dynamics in the Red Tide Monitoring Area of Bohai Bay	Di Mu	Tianjin University, China
63162	Water Environmental Impact of Cage Culturing in Qiandao Lake	LI C.H.	Ministry of Education, Key Laboratory of water-sediment Science, China
63609	Hydrochemical Features of the Thermal Waters in Chongqing Metropolitan, Southwest China	Qiong Xiao	Southwest university, China

## Oral\_12: Water Quality and Pollution (5)

Chair: Prof. Fang Zhu, Taiyuan University of Technology, China

Grand Ballroom(大宴会厅), 3rd floor

Time: 08:30-12:00, Thursday, May 12

Paper ID	Paper Title	Author	Affiliation
60988	The hydrolysis properties of dual polymer coagulant - polyferric chloride (PFC) and polydimethyldiallylammonium chloride (PDMDAAC)	Yan Wang	Shandong University, China
61593	Impacts of seawater intrusion on the fluorine content in groundwater: a case study in Shandong province, China	Qiao Chen	Shandong University of Science & Technology, China
63184	Enhanced Chemical coagulation for coking wastewater from effluent A/O bio-reactor	Fang Zhu	Taiyuan University of Technology
62573	Farmers' willingness to pay for reducing water pollution in Poyang lake, Jiangxi Province	Fen LI	Shenzhen Institute of Building Research Co Ltd, China
62690	Research the performance of polycyclic aromatic hydrocarbons (PAHs) removal by NF membranes	Xiaofeng Guo	Xi'an University of Architecture and Technology, China
62700	Formation of THMs during chlorination of tyrosine in drinking water	Zhonglin Chen	Harbin Institute of Technology, China

Paper ID	Paper Title	Author	Affiliation
62888	The membrane flux changes of PAC and UF combination in treating micro-polluted water	Jian Zhan	Nanchang University, China
62941	QSPR studies on the aqueous solubility of selected PCDD/Fs by using artificial neural network combined with principal component analysis	Long Jiao	Xi'an Shiyou University, China
63223	Study on chemical phosphorus removal from industry wastewater	fang zhu	Taiyuan University of Technology, China
63241	Wastewater Treatment and Reuse Using A2O Process Coupled with Microfiltration	Qihong Lu	University of Macau, Macau, China
63865	Coagulants Optimization of Low Turbidity Water Treatment in Feedwater Plant	Hui Liu	Harbin Engineering University, China
63879	Set-up of aerobic granular sludge- sMBR technology at low temperature	Yu-Lan Wang	Hefei University of Technology, China
60324	Ability of tahong( <i>Perna viridis</i> ), kuhol ( <i>Helix pomatia</i> ), and talaba ( <i>Crassostrea gigas</i> ) to de-lead simulated waste water preparations	Judilynn Solidum	University of the Philippines, Philippines

## Part IV Poster Sessions

### Poster1: Bioinformatics and Computational Biology

Grand Ballroom(大宴会厅), 3rd floor

Time: 14:00-17:30, Thursday, May 12

PaperID	Paper Title	Author
30044	Optimization of the Extraction of Polysaccharide from <i>Lycium barbarum</i> by Response Surface Methodology	Jiguo Yang
30062	Variation of Red Flower Mutant Line in <i>Impatiens Balsamina</i> Sp4 Generation Induced By Spaceflight	Ying Luo
30096	Isolation and bioinformatics analysis of LeWRKY1 Gene	Yongkun Yu
30107	Study of Stabilities of L-Cysteine and L-Methionine With Divalent Metal Ions. A Comparison of Thermodynamic data	Seyed Ali Akbar Sajadi
30113	Spectroscopic Studies on the Interaction Between Bovine Serum Albumin And Syringic Acid	Z. X. Tang
30121	Microarray Image Gridding by using Self-Organizing Maps	David Moenaón, Chile
30148	Bioinformatic Analysis of Phylogenetic Evolution of Chinese Cattle	Xin Cai
30213	Identification and phylogenetic analysis in <i>Phellinus igniarius</i> and <i>Hypholoma tuberosum</i> using internal transcribed sequence (ITS) analysis	Lijuan Wang
30243	Mapping quantitative trait loci using sliding three markers in RIL population based on correlation method	Xiaotian Huang
30251	Assessment Method for Soil Environmental Quality Based on BP Neural Network	Shu-tian Liu
30260	Cloning and expression of functional region of BnNAC transcription factor gene in <i>Brassica napus</i>	Qin Song
30267	Production, purification and characterization of lipase from <i>Serratia</i> sp.SL-11	Jianrong Liang
30270	Reasons for Cross-Species Infection and Cross-Subtype Reassortment in Nucleoproteins from Influenza A Virus	Shaomin Yan
30291	Bioinformatics Analysis of Tomato WRKY2 Protein	Qingpeng Sun
30335	Genomic Islands Analysis of Three <i>Actinobacillus pleuropneumoniae</i> Strains by Comparative Genomic Methods	Renfeng Li
30412	A novel method for lysine acetylation sites prediction	Yongchun Gao
30416	A Model of Mechanisms of Cellular Defending Genome Stress Based on KTAP Framework	Jinpeng Qi
30423	Bioinformatics Analysis of FOXL2 gene of <i>Gallus gallus</i>	Sanhu Wang
30471	Numerical Simulation of the River Plumes in The Bohai Sea	Hao Liu
30475	Construction of cDNA Library and Preliminary Screening of Immune-related Genes in <i>Cyclina sinensis</i>	Bao-Ping Pan
30484	Clustering Analysis and Identification of Genetic Diversities in <i>Lilium</i> Varieties with IRAP	Yan-xiu Niu
30488	Molecluar Cloning, Bioinformatics Analysis of gL Gene of Pseudorabies Virus Wild Strain SL	Wei Liu

PaperID	Paper Title	Author
30489	in Silico Cloning CsCCD8 in Cucumis sativus L.and Bioinformatics Analyzing its Sequences	Qinghua Xu
30502	Immunomodulatory effects of Bovine lactoferrin on BALB/c mice	Huiping Liu
30514	Optimization of Enzymatic Conditions for Preparing Angiotensin I-converting Enzyme Inhibitory Hydrolysates Derived from Oil-tea ( <i>Camellia oleifera</i> Abel) Seed Meal Protein	Jijun Gong
30561	Homology Modeling and Expression Analysis of Sterol 14 alpha-demethylase from <i>Ustilago maydis</i>	Jianhua Zhang
30564	Crystal morphology and molecular interaction of lysozyme affected by imidazolium-based ionic liquids in aqueous solutions	Huazhi Xiao
30569	Effects of Casein Glycomacropeptide on Immune Function in BALB/c Mice	Huiping Liu
30588	Molecular phylogeny of the genera <i>Helice</i> and <i>Helicana</i> (Crustacea: Brachyura: Varunidae) based on the 12S rRNA gene from China	Jingming Xu
30659	A Molecular Phylogenetic Analysis of the Genus <i>Rhododendron</i> Based on psbA-trnH Sequences	Yimei Liu
30669	A New Scoring Scheme for Peptide Sequence Tagging via Doubly Charged MS/MS Spectra	Hanchang Sun
30711	Silent mutation effects on translation efficiency in human cancer genome	Wanjun Gu
30716	Cloning, characterization and expression analysis of DEAD-box family vasa gene, in Large-scale shoveljaw fish( <i>Onychostoma macrolepis</i> )	Xiaofei Yang
30726	Polymorphic analysis of molecular marker based on WRKY transcription factor in eggplant	Yan-xiu Niu
30795	Predicting DNA-binding residues of proteins using random forest and evolutionary information combined with conservation information	Xin Ma
30815	Accurate localization and function analysis of the potentially mobile genomic islands in <i>Pseudomonas aeruginosa</i> PA7	Lei Song
30848	A Method for Estimating Limits of Differentially Expressed Levels in cDNA Microarray	Peiguo Guo
30850	Establishment of an Ecotilling Protocol with M13 Primers for SNP Discovery in Barley	Peiguo Guo
30873	Research regarding preparation and optimization of preservation condition of 3 $\alpha$ Hydroxysteroid Dehydrogenase	Jingjing Fu
30878	Predicting Thermophilic Nucleotide Sequences based on Chaos Game Representation Features and Support Vector Machine	JinLong Lu
30893	Virtual Screening of Lead Chemicals Based on HPX Domain of MT1-MMP	Tingting Huang
30934	A Comparison of Power among Analytical Methods of Gene-environment interactions	Jie Wei
30939	Similarity Analysis of DNA Sequences Based on LZ Complexity and Dynamic Programming Algorithm	Xiaodong Guo
30959	Preparation and acute toxicological effect of Hydrolyzed collagen from Tilapia scales	Bing Han
31043	Bioinformatic Analysis of the ORF Sequences of MC4R Gene of Yak ( <i>Bos grunniens</i> ) and Other Mammals	TserangDonko Mipam
31067	An Efficient Mining Algorithm to Predict Transcription Factor DNA Binding Preferences	Kun Zhou
31093	Median-Joining Network Analysis of Phylogeny of Goat Breeds from South China	Xin Cai

PaperID	Paper Title	Author
31169	Fingerprint Construction in Several Elite Aloe Varieties	Xiaohong Liu
31177	Expression Analysis of LeWRKY2 under Jasmonic acid and Salicylic Acid Treatment	Yongkun Yu
31187	Finding Significant Gene Sets with Weighted Distribution of Gene Expression	Zuguang Gu
31216	A Novel Strategy for Identification of Biosynthesis Pathway of Emodin in <i>Aspergillus ochraceus</i> by Stable-Isotope Labeling and HPLC-ESI/APCI-MS	Pei Qin
31255	A growing model for biological networks on recombination and divergence principle	Xueying Xie
31299	Marine Fungi Inhibiting Methicillin-resistant <i>Staphylococcus aureus</i> and Their Molecular Taxonomy	Yi Zhang
31301	Study on QTL Identification Associated with Plant Height in Maize ( <i>Zea mays</i> L.)	Hongmei Zhang
31311	Cloning and Expression Analysis of BADH Conserved cDNA Region from <i>Fraxinus velutina</i>	Fansuo Zeng
31315	Monte Carlo Simulation Based Gene Selection for Ovarian Cancer Chemotherapy Response Prediction with Microarray Data	Ruifei Xie
31331	The Synthesis of <i>Aspergillus Niger</i> Lipase Gene and the Analysis of its translation initiation region for the Expression in <i>Pichia pastoris</i>	Kehan Xu
31336	Subcellular Phenotype Images Classification by MLP Ensembles with Random Linear Oracle	Bailing Zhang
31346	Metaplectic Sampling and Phase-Randomizing in Quantum Engineering	Walter Schempp
31371	Post-treatment of cotton fabrics with PVA (polyvinyl alcohol) nanofibers using electrospinning process	Wei Nie
31373	The optimization of the bio-panning process of the affinity ligand of tyrosinase by phage display technology	Wen Wang
31422	Cloning and Characterization of Chicken ELOVL7 Gene and Comparison with Other Vertebrates	Mohan Qiu
31430	Effects of Estradiol on Amyloid Beta and Tau Protein Positive Neurons at Hippocampal CA1 Area of Ovariectomized Dementia Rats	Jun Zhao
31452	The function and interaction of genes related to esophageal squamous cell cancer	Yulong Chen
31459	Cloning of iap gene in <i>Culex quinquefasciatus</i> and its molecular evolution analysis	Yao Xu
31468	Molecular cloning of two iap genes in <i>Tribolium castaneum</i> and their evolution in animal genomes	Jing Hu
31472	A Web-based Phylogenetic Analysis for a Query Gene	Shenglong Tan
31492	Prokaryotic Expression and Analysis on the 22kDa Protein Gene of <i>Mycobacterium paratuberculosis</i>	Xinyu Liu
31493	Prokaryotic Expression and Identification on the ag85a-mpb63 Fusion Gene of <i>Mycobacterium bovis</i>	Xiuyun Jiang
31523	Antioxidant Property in vivo of Cheese Whey Enzymatic Hydrolysates	Yining Bao
31559	Application of Improved Fuzzy c-Means Clustering in Cell Image Segmentation	Peng Ren
31612	Spermatogenesis-related Gene Selection by Singular Value Decomposition and Correlation Analysis	Tianxue Gong

PaperID	Paper Title	Author
31649	Development and analysis on Microsatellite Sequence of Chloroplast DNA of Pinus koraiensis	Xiaoyan Sun
31681	Parameter estimation method for Periodical Gene Identification	Li-ping Tian
31728	Research of Quick Developing Model in The Medical Clinical Data Management System	Xiufeng Liu
31739	The prediction of peptide detectability in MS data analysis using logistic regression	Hui Liu
31774	A Parent Mass Filter Algorithm for Peptide Sequencing from Tandem Mass Spectra	Huiyi Tan
31775	The sprayable agarose/gelatin as wound skin dressing	Peng Chen
31796	Influence of Ultrasonic Treatment on the Activity and Conformation of Porcine Pancreas Lipase	Li Liu
31801	Why Athletes do not Negative Split Some Endurance Events: A Thermodynamics-Based Explanation	Ricardo Simeoni
31822	ABCC8 and type 2 diabetes: a global meta-analysis	Yi Lv
31828	Evaluation of morphology traits to predict weight traits in the razor clam <i>Solen strictus</i>	Weijie Zhang
31847	Heterogeneous patient information acquisition and normalization for shareable, executable clinical decision support system	Xiaorong Wu
31853	Optimization of Medium and Fermentation Conditions for the Antagonistic <i>Bacillus subtilis</i> BS501a Strain Using Response Surface Methodology	Ruifang Li
31871	Relationship Among MBL Gene Haplotypes, Genotype and Plasma Levels and Ischemic Cerebrovascular Disease	Jianjun Cheng
31969	Protein interaction network prediction and pathways analyses related atherosclerosis	Shanshan Gu
31992	Visualization and Analysis of Integrin Signaling Network	Xiao-Lan Wei
32010	The construction, Bioinformatic analysis and vitro expression of multi-epitope based gene from <i>Toxoplasma gondii</i>	Hua Cong
32018	Combining Sequence Information and Predicted Secondary Structural Feature to Predict Protein Structural Classes	Li Wu
32037	Comprehensive proteome analysis of human smooth muscle cells by 2D-HPLC-ESI-MS/MS	Yongqian Zhang
32052	The Attachment to Maternal Womb:The Initial Attachment of the Infant	Chuanhua Gu
32067	Sexual Size Dimorphism and Character Scaling of Chinese fire-bellied newt ( <i>Cynops orientalis</i> )	Zhao-Hui Xie
32070	A Report on the Teaching Contents and Methods of DNA Recombinant Technology in the Course Molecular Biology	Xiaohong Liu
32073	Clinical Significance of VEGF,EGFR and BRCA-1 expression in Non-small Cell Lung Cancer	Linhui Wang
32101	The Chinese revised edition of Wender Utah Rating Scale for Attention Deficit/Hyperactivity Disorder in Adults	Wei Zhang
32111	Predicting the risk type of human papillomaviruses based on sequence-derived features	Wang Pu

PaperID	Paper Title	Author
32155	Mutation Information and Relative Entropy about RNA Secondary Structure	Yi-Tao Yuan
32201	Cloning and Analysis of LeWRKY2 genomic DNA	Yongkun Yu
32213	Chromatin organization in different types of splicing events	Huan Huang
32220	Wavelet Support Vector Machine and Particle Swarm Optimizer for Prediction of Protein Structural Class	Chao Chen
32224	Screen $\alpha$ -Synuclein Aggregation Inhibitor Short Peptides with GFP Coexpression Fusion System	Ying-qing Zhang
32240	Dynamic Nucleosome Positioning around Functional Transcription Factor Binding Sites in the Promoters of Inducible NF- $\kappa$ B Target Genes	Yumin Nie
32251	Dynamics and Distribution of Chlorophyll-a off the Changjiang Estuary in Late Summer	Jun Lin
32268	study on riparian zone microbial community structure of the wenyu river by T-RFLP analysis	Ping Dong
32273	A Cluster of Five Hydroxysteroid Dehydrogenase Genes belonging to the Aldo-Keto Reductase Supergene Family on Human Chromosome 10	Moli Huang
32282	Statistical analysis of gas chromatography retention index database	Yu-Ting Chen
32298	Characterization and Bioinformatics analysis of Dehydrin(DHN) gene in accelerating bud dormancy release during chilling treatment of tree peony ( <i>Paeonia suVruticosa</i> )	Y. X. Zhang
32312	Non-AUG initiation codon and downstream inframe AUG in <i>Pyrococcus horikoshii</i> : evaluating two hypotheses	Xuhua Xia
32322	In Silico Mining of MicroRNA Signatures in Human Ovarian Cancer	Sheema Sameen
32328	Comparison of spectral similarity measures for compound identification	Imhoi Koo
32395	Protein phosphorylation of Nrf1 is influenced by MCRS2	Chien-Fu Huang
32405	The construction of a method to investigate the function of leptin receptor in chicken adipocyte	Ai-xia Huang
32423	Multi-Label Learning for Prediction of Subcellular Localization of Human Proteins	ZhiCheng Wu
32467	Tissue Hard Inclusion Detection Using Motion Visualization-based Approach	Xin Wang
32475	Eco-toxicity of the Mixture of Xylene and Pnitrotoluene to the Freshwater Brocarded Carp	Hongyan Shen
30498	Analysis on Epidemiology of Prevalence Strains ORF5 Gene of Porcine Reproductive and Respiratory Syndrome Virus From Fujian Regions	Guoyou Yin
32285	Integrated Analysis of Gene Expression and Gene Copy Number for Gene Shaving based on ICA Approach	Yu-Ping Wang
31447	Expression of <i>Bombyx mori</i> densovirus ( BmDENV-1) genes (VP4 and NS2) in <i>E.coli</i> and the Analysis of Its Promoter Activity in Cultured Insect Cells	Yanming Dong

## Poster 2: Biomedical Engineering

Grand Ballroom(大宴会厅), 3rd floor

Time: 14:00-17:30, Thursday, May 12

PaperID	Paper Title	Author
30006	Dynamics growth of underground parts in <i>Atractylodes lancea</i> (Thunb.) DC	Yanyou Wu
30022	A protective effect of calcium on seawater stress-induced oxidative damage to photosynthesis of <i>Helianthus tuberosus</i> leaves	Yanfeng Xue
30030	A preliminary exploration of default mode network in normal children—a fMRI study with flashing checkerboard stimulation	Qian LI
30052	A Design of String Phantom Simulating Blood Flow	Chenxuan Zhang
30065	Attentional Modulation and Resource Allocation in Human Brain During Visual Stimulation with Stereogram—A fMRI Study	Xiao-hui Yin
30074	The Screening of Anti-hepatoma Components from Total Aqueous Extracts of <i>Artemisia Argyi</i>	Xin Yu
30104	Hydrothermal modification of granular steel slag for phosphate removal	Guangwei Wang
30124	Preparation of cyanamide by decomposition of urea	Yan Liu
30137	Error Correction of In-vivo Corrdinates Location and Measurement	Zhongzhong Chen
30143	ROS and Ca <sup>2+</sup> signal activator-Resveratrol induce human hepatoma cancer cell HepG-2 apoptosis	An Peng
30144	In vitro antibacterial activity of medicinal herb extracts against five drug-resistant <i>Streptococcus suis</i> strains	Zun_lai Sheng
30166	Cardiac Coordinate Detection with Applied Electric Field and Electrophysiology Catheter	Zhijian Su
30170	Degradation Organophosphorus Pesticides in Celery Cabbage	Ying Fu
30179	Glutathione S-transferase,Acetolactate synthase and safener: A study to reduce herbicidal pollution	Fei Ye
30184	An alternative sustained release microsphere of silk fibroin-chitosan: preparation, pharmaceutical characteristics and pharmacokinetic profiles	Ying Hu
30195	In vitro evaluation of antioxidant activities of extracts from mycelia of <i>Lentinula edodes</i>	Guoying Lv
30197	Study on Enzymatic Synthesis of Starch Stearate	Ping Sun
30200	A novel processing process for preparing solid dispersions of acyclovir	Deng-Guang Yu
30233	Freehand Strain Image Using Alternate Transmit Frequency	Shaoguo Cui
30255	Functional Activity of Radish Polysaccharide	Jian Li
30276	Novel norcantharidin-loaded liver targeting chitosan nanoparticles to enhance intestinal absorption	Di-jia Yu
30278	Antidiabetic activities of dry matters of culture broth of <i>Cordyceps militaris</i> in submerged culture	Zuofa Zhang
30299	The influence on the aroma components of wine made by Muscat Hamburg grape in different processes	Yun-feng Hu
30304	The effect of heating time on antioxidant activity of Maillard reaction products derived from a L-ascorbic acid and L-methionine model system	Qi-hui DENG
30312	Chemical composition and antioxidant activity of the extracts of the Chinese wild plant <i>Oenanthe javanica</i> DC	Jin-Shun Lv

PaperID	Paper Title	Author
30319	The Efficacy of MS-222 as an Anesthetic for Juvenile Siberian Sturgeon ( <i>Acipenser baerii</i> Brandt 1869)	Guangpeng Feng
30333	Establishment of Embryogenic Cell Suspension Cultures and Doubling the Chromosome Number by Colchicine Treatments in purple coneflower	Yue-Sheng Yang
30385	Application of FES for Hemiplegia in Extremity Coordination Training	C.H. Chou
30392	The acoustic nonlinearity of a single ultrasound contrast agent microbubble	Fei Li
30394	<i>Lactobacillus rhamnosus</i> TUST006 enhance the function of immunity in BALB/c mice	LI Ma
30427	Design and Implementation of a Family Living Supporting System Based on ZigBee	Mi Li
30434	Display of C-Kit+ Cells in Myocardium using Three Dimensional Reconstruction	Jiayong Zhong
30439	Dynamic Recording ECG for Ischemic Rat Heart using Implantable Wireless Telemetry	Baoyin Zhao
30450	Mass Classification in Mammography with Morphological Features and Multiple Kernel Learning	Xiaoming Liu
30462	The research progress about the nm23 gene	Guosheng Jiang
30477	A MR Brain Classification Method Based on Multiscale and Multiblock Fuzzy C-means	Xiaofeng Yang
30487	Preparative Separation and Bioactivity of Flavonoids from <i>Prunella Vulgaris</i> Linn	Shuangli Xiong
30504	The Preparation Process Of Thiourea From Cyanamide	Shuai Wang
30536	New method for direct non-invasive measurement of practical peak voltage	Dmitriy Muslimov
30538	Experiment Study on Water Evaporative Cooling in Shanghai Region	Tian-wei Qiang
30551	Preparation of electroless-deposited silver nanoparticles on medical Polyurethane catheter	Xiaobing Li
30574	Optimization of cDNA-AFLP Amplification Reaction System in Strawberry Leaves	Lixiang Miao
30576	Optimization of Extraction of Polysaccharide from <i>Bombyx batryticatus</i> using orthogonal matrix method	Xue Jiang
30582	The Effects of Drilling Parameters on Bone Temperatures: A Finite Element Simulation	Yung-Chuan Chen
30607	Wavelet Based ECG Denoising using Signal-Noise Residue Method	Mashud Khan
30615	Bone Adaptation Model Combined Micro-Modeling and Remodeling Processes	Chao Wang
30626	The role of <i>Listeria monocytogenes</i> $\sigma$ B and PrfA in the expression of bile salt hydrolase gene bsh	Qiang Zhang
30634	Docetaxel-loaded TPGS-b-(PLA-ran-PGA) nanoparticles for cervix cancer treatment	Yi Zheng
30650	Mammographic Mass Retrieval based on Multi-View Information	Wei Liu
30658	Design and Implementation of Low Power Wireless Sensor System for Water Quality Monitoring	Wen-Yaw Chung
30665	12 Lead QRS Window Detection using Feature Extraction and Statistical Parameters	Zubair Lutfullah
30677	Effect of PrfA on biofilm formation in <i>Listeria monocytogenes</i>	Feifei Feng

PaperID	Paper Title	Author
30686	Spinal Cord Injury Evaluation Using Morphological Difference of Somatosensory Evoked Potentials	Hasan Mir
30720	Oral Hypoglycemic Drugs and Hypoglycemic Active Elements from Plants for the Treatment of Diabetes Mellitus: A review	Zhong Zhang
30723	Process of Studies on the Functions of Plant Polysaccharides: A review	Zhong Zhang
30728	Research progress on polysaccharides hypoglycemic mechanism and therapeutic potential	Fei Wang
30738	Role of <i>Listeria monocytogenes</i> $\sigma$ B in Antibiotic Resistance	Li wang
30764	Construction of an Attenuated <i>Listeria</i> -based Vaccine Delivery Plasmid	Xiaoqiao Yin
30774	Hall Sensor Based System for Detection of Adiponectin Protein	Wen-Yaw Chung
30783	The Optimized Scheme of Performance Parameters of Gradient Coils for Permanent Magnetic Open Architecture Nuclear Magnetic Resonance System	Qing-ming Huang
30787	Analysis of the Properties of Transdermal Drug Delivery with Constant Surface Drug Concentration	Congjuan Xu
30788	Epileptic EEG Detection via a Novel Pattern Recognition Framework	Yuedong Song
30799	The Application and Mechanism of Action for Aloe Extracts in Medicine Field	Jun Li
30810	Semi-blind Fetal Electrocardiogram Extraction By Eliminating the Cross-terms of the Wigner-Ville Representations	Cai Kun
30814	The inhibition of <i>Tupistra chinensis</i> Baker extracts on mice H22 hepatocarcinoma xenograft	Wenfeng Huang
30817	Optical Flow Computation Based Medical Motion Estimation of Cardiac Ultrasound Imaging	Qishan Luo
30825	Local Histogram Matching Based Bilateral Filter to Ultrasound Speckle Reduction	Danguo Shao
30837	A preliminary investigation on microrheological responses of short ssDNA in Brownian motion	Qingjia Chi
30877	Contact-free monitoring of human vital signs via a microwave sensor	Guohua Lu
30882	An Interactive Segmentation Method Using Graph Cuts for Mammographic Masses	Xiangying Wu
30885	Liver Vessel Tree Generation Based on Skeletonization and Graph Representation	Yufei Chen
30894	2D Image Construction from Object-Traversing Parallel 1D Iso-Frequency Projections in MRI: a Theoretical Formalism	Ricardo Simeoni
30908	Optimization the protoplast formation and regeneration conditions of <i>Kluyveromyces marxianus</i> and <i>Saccharomyces cerevisiae</i>	Xuewu Guo
30911	Influence of Methyl Jasmonate on Cell Membrane Permeability and Ajmalicine Accumulation in Salt-stressed <i>Catharanthus roseus</i> Suspension Cells	Bei_Bei Xiang
30933	Metabolism of Phenanthrene in Peroxynitrite/Fe(III) Porphyrin System by HPLC-MS	Jing Dai
30941	Characterization of salsolinol synthase from rat brain	Xuechai Chen
30955	Optimized GPU Framework for Ultrasound Strain Imaging	Pin Lv
30963	Isolation of a Chlorimuron-ethyl Degradation Bacterium and Its Bioremediation in Contamination Soil	Chunyan Li

PaperID	Paper Title	Author
30972	Isolation of a novel Chlorimuron-ethyl-degrading bacterium <i>Rhodococcus</i> sp.D310-1	Minghua Xiong
30978	Motor Imagery BCI Research based on Hilbert-Huang Transform and Genetic Algorithm	Lei Wang
30982	Using neural network for cardiac motion analysis of Tc-99m labeled RBC radionuclide angiography	Yu-Chien Shiau
30993	Effects of overtraining on the ultrastructure changes and three-dimensional construction of rats' cerebral microvessels	Yuan Qiong-jia
30995	Classification of Imaginary Movements in ECoG	Lijun Li
30999	Modification of the optically pumped magnetometer for MRI	Wuyi Zhao
31000	Effect of Tissue in HIFU Beam Pathway on Ultrasound Propagation	Faqi Li
31008	Design and control of pneumatically-powered gait orthosis	Shenghao Zhou
31022	Research on the Digital Design and Manufacture of Titanium Alloy Skull Repair Prosthesis	Guangye Huang
31031	Objective Evaluation of Driver Fatigue by Using Spontaneous Pupillary fluctuation	Xingliang Xiong
31049	Preparation of Protein loaded Core-Shell PEO/PLGA Ultrafine Fibers by Coaxial Electrospinning	Ru-Quan You
31070	Virtual Reality Facial Contouring Surgery Simulator Based on CT Transversal Slices	Ming-Dar Tsai
31079	Expression of Human Interleukin-6 in Tobacco by Chloroplast Engineering	Dan Wang
31089	Researches On Biosorption of Cr <sup>6+</sup> By Saccharomycete Biomass	Muqing Qiu
31098	Development of the syringe needle auto-detaching device	C.C. Chen
31101	Study on the Extraction and Clathration Processes of Volatile Oils in Wulian Antidiarrheic Granules	Dexian Zhang
31104	Study on Extraction and Preparation of Manhukang Oral Liquid	Chunli Chen
31119	ECG Signal Denoising Based on Morphological Flitering	Zhongguo Liu
31129	A Power-Law Based Model for Caspase Activated Apoptosis and Its Parameter Estimation	Li-Ping Tian
31162	Optimization of pulsed Doppler sample volume for emboli detection	Teng Wang
31166	Preliminary purification of salsolinol synthase from rat brain	Xuechai Chen
31170	Accidental Contaminant Detection Method Based on One-tailed U Test	Pang Liping
31176	Surface roughness of agarose acetate membrane and its biocompatibility	Peng Chen
31185	Ventricular fibrillation detection based on empirical mode decomposition	Baodan Bai
31201	Multi-gradient Surface Electromyography (SEMG) Movement Feature Recognition Based on Wavelet Packet Analysis and Support Vector Machine (SVM)	Xin Zheng
31209	ECG signals denoising using neighbouring coefficients	Ying Yang
31240	Noise removal of MRI data with Edge Enhancing	Xu Yan

PaperID	Paper Title	Author
31250	Moment Exponential Stability of a Kind of Stochastic SIRS Model	Min Xu
31273	Development of a Device for Negative Pressure Wound Therapy based on ARM9 Embedded System	Haijun Niu
31275	Design of an Ultrasound Bladder Volume Measurement and Alarm System	Haijun Niu
31283	Research and Application of Non-invasive Examine Technique in Clinical Diagnosis	Shan Jiang
31306	Effects of Heat Shock on Viability and Fecundity in <i>Tribolium castaneum</i>	Ziqing Weng
31309	Kinetics and Selections of Process Protein Synthesis Culture in Five Alfalfa	Li Chen
31319	Observation of Morphology and Proliferative density for Cashmere Goat Fetal Fibroblasts after mTOR Inhibition with Optical microscope cell imaging	Manlin Wu
31323	Design of automatically protective laparoscopic puncture	MO Site
31330	Evaluation of antidepressant activity of GUAN-1001 in various experiment antidepressant models in mice	Liping guan
31369	A Nonliner Lumped Parameter Model of Heart Failure	Kaiyun Gu
31376	The Design and Simulation of Two-armed Spiral Antenna for Microwave Hyperthermia	Yong-Xing Du
31381	Application of response surface methodology for the optimization of partition conditions of emodin in aqueous two-phase system	Yuan-Qing Ling
31388	Chemo-enzymatic synthesis of nanofiber membrane with glucose by electrospinning	Yan Li
31402	Study of Temperature and Humidity Independent Control Air -conditioning System for Emporium	Pan Zhixin
31418	Preparation of Fast-dissolving Ursolic Acid Nanofiber Membrances using Electrospinning	Li-ya Huang
31431	Growth effects on mixed culture of <i>Dunaliella salina</i> and <i>Phaeodactylum tricornutum</i> under different inoculation densities and nitrogen concentrations	Weiwei Huang
31432	Lipase Catalyzed Synthesis of Myristyl Hydroxyproline Lauryl Alcohol Diester and its Characterization	Tao Feng
31437	Dynamic compression alters extracellular matrix biosynthesis of the goat temporomandibular joint disc cells cultured in agarose gel	Guang-jie Bao
31563	Study on the Phosphorus Removal from the Secondary Effluent of AB Process by Ferric Chloride	Jing-Liang XIE
31592	Research on the Characteristics of Buffer Material Used as Hip Protector	Tong Zhang
31603	A Novel Motion Estimate Method of Human Joint with EMG-driven Model	Qichuan Ding
31604	Testing of several CT performance phantoms for medical imaging	Dehong Li
31608	Real-time Detection of Loop-Mediated Isothermal Amplification Reaction on Microfluidic Chip	Wei Jin
31621	Fractional Brownian Motion and Its Increments as Undulatory Models	Shyang Chang
31626	Design and Implementation of A Wearable, Wireless EEG Recording System	Xun Chen
31662	The dynamic numerical studyof the airflow caused by swing door in isolation ward	Wang Xiaojie

PaperID	Paper Title	Author
31667	High cell-density fermentation of recombinant Escherichia coli expressing PlyCB	Weiqing Chen
31672	Fabrication of injectable PLLA alginate hydrogel for tissue engineering	Lei Li
31674	Kinetic modeling of phenol biodegradation at high initial concentration in a batch reactor	Yun Wu
31690	Callus Induction and In Vitro Plantlet Re-generation of Dioscorea panthaica	Ling Zhang
31702	Moveable Plate Model in Chromatography: Slip Mechanism	Dali Zhang
31710	Fuzzy OGY Chaos Control Approach and Its Application in Chua Circuit	Yasaman Zandi Mehran
31745	Thermal Properties of Tibetan Clothing Ensembles in China	Guo Xiaofang
31750	Water component suppression by empirical model decomposition	Weiming Zeng
31756	Real-time Scan Conversion for Ultrasound Imaging Based on CUDA with Direct3D display	Li Wang
31761	Temporal Expression Recognition and Temporal Relationship Extraction from Chinese Narrative Medical Records	Xiaojia Zhou
31762	Acoustic Source Reconstruction of Magnetoacoustic Tomography with Magnetic Induction	Wenjing He
31763	Fusion of Ultrasound Blood Flow And Color Flow Imaging	Zhengjuan Fan
31779	GPU Based Tissue Doppler Imaging	Zhengjuan Fan
31782	Effects of Regular Respiration and Title Angle Altering on the Cardiovascular System	Changwei Hsieh
31790	The Kinematics Characteristics Research on the Pitching Movement of Throwing Arm of the Elite Baseball Pitchers in China	Zhilei Han
31827	Extraction of Arterial Wall Characteristics Using the Step-Stimulation Approach	Liang-Yu Lin
31833	Assessment of Time-Dependent Elastance of Superficial Arterial Wall by an External Vibration Stimulation	Jia-Jung Wang
31842	Temporomandibular disorders treatment by relaxation splint and removable partial dentureA case report	Xuefen Lin
31863	Injection assist system with surface and transillumination images	Koichi Shimizu
31876	Dynamical System Perspective on the Theoretical Foundation of Traditional Chinese Medicine	Shyang Chang
31879	A Post-processing Approach of HLSVD Used for Automatic Quantitative Analysis of Multi-voxel Magnetic Resonance Spectra	Ping Chi
31881	Quantitative Study on the Efficacy of Electromyograph Biofeedback Therapy of Patients with Masticatory Spasm	Dandan Feng
31906	A Wearable System for Epidural Spinal Cord Stimulation in Freely Moving Rats	Hui Zhou
31907	Predicting hypertensive disorders of pregnancy with dynamic hemodynamics	Lin Yang
31926	Optimized Slab Selective Parallel RF Excitation at Ultra High Field	Tingting Shao
31956	Ultrasound Image Registration Based on Polar Transform and Block Matching	Zijuan Xu

PaperID	Paper Title	Author
31960	Proline-based 2,5-diketopiperazine alkaloids from starfish <i>Pentaceraster chinensis</i>	Yan Peng
31974	Regional obstruction in cystic fibrosis patients	Zhanqi Zhao
31976	Protective Effect of Essential Oil from <i>Zingiber officinale</i> (Zingiberaceae) on Acute Alcohol-induced Liver Injury in Mice	Ping Liu
31980	Optimal Concentrations of Contrast Agent Gadobutrol in T1-Weighted Magnetic Resonance Imaging	Po-Chou Chen
31993	Design and Implementation of Cardiogram Monitoring System Based on Mobile Phone	Weijia Su
31996	An Automatic Wavelet Transform Based ECG Detection Algorithm	Weijia Su
32031	Preparation of high-purity essential linoleic acid from safflower seed oil by argentated silica gel chromatography column	Jianxia Guo
32061	The K nearest neighbor geometry filter based on spatial domain	Nizhuan Wang
32069	Quantification of Home Rehabilitation Exercise for the Elder's Physical Fitness Monitoring	Chih-Yen Chiang
32084	Application of GATE to Simulate Respiratory Motion	Jianfeng He
32099	Removal of ballistocardiogram artifacts from EEG recorded during continuous fMRI using JADE	Hua Zhou
32106	Flow injection spectrophotometry determination of salivary $\alpha$ -amylase for stress evaluation	Liqin Chen
32138	Feature Extraction of Brain-Computer Interface based on Second Order Blind Identification and ICA	Jiang Wang
32147	A new design of pregnancy illness EMR management system	Dongming Wang
32168	The Protective Effects of Pyrrolidine Dithiocarbamate on Cisplatin-induced Nephrotoxicity in mice	Chuangang Li
32176	Bioelectronic nose based on olfactory sensory neural networks by microelectrode array culture	Qingmei Chen
32205	Implementation of a soft morphological filter based on GPU Framework	Lipeng Wang
32208	Enhancement of Microcalcifications Based on Fractal Techniques in Mammograms	Li Song
32263	Effect of Tric Acid on Secondary Metabolism of <i>Monascus</i>	Hua Yang
32266	An Analysis of Wireless Power Transmission Based on Magnetic Resonance for Endoscopic Devices	Peng Hou
32286	Cycle Identification and Artifact Detection in Tidal Breathing Signals	Zuojun Wang
32327	Automatic Kidney Location Method in Multi-Phase MRI Images	Hong Li
32358	Using RAPD to Analyze Genetic Stability of <i>Populus hopeiensis</i> Tissue Culture Seeding by Different Regeneration Methods	Qiong Zhang
32360	Voltammetric Determination of Norepinphrine on a Glassy Carbon Electrode Modified with Poly (L-aspartic acid)	Zhangyu Yu
32366	Objective Analysis of Face Feature and Expression in Traditional Chinese Medicine	Siyi Zheng
32374	A Quantitative method for assessing the effect of training tasks on hand motor function	Rui Kou

PaperID	Paper Title	Author
32394	Disulfiram is a novel modulator for PPAR	Chien_Fu Huang
32403	Effect of endotoxin on acute renal failure induced by high-dose cisplatin in rats	Xiaohong Shu
32431	Enhancement and denoising of Near-infrared image with multiscale morphology	Zhiyong Gao
32432	The Relationship between COP and COM During Upright Stance with Ankle Fixation	Fan Wu
32441	killing of Bacillus subtilis by exogenous hydroxyl radicals	Hou Hui
32442	Development of A Non-restrictive Monitoring System for Bio-information during Sleep	Yilin Song
32451	A Design of e-Patient Safety Promulgation System Based on Clinical Process Workflow	Way-Ren Huang
32468	Anticancer Effect of Myxobacteria from Different Special Habitat on H22 Tumor Bearing Mice and Its Correlation with Bcl-2, P53 and Apoptosis	Hong Jia
32487	Extracting 3D Structures from Biomedical Data	Xianghua Xie
31497	CCD Signal Processing Based on Correlated Double Sampling	Rongli Liu,
63268	A Robust Envelope Extraction Algorithm for Cardiac Sound Signal Segmentation	Lisha Zhong
32195	Effect of compression stress on the expression of integrin alpha5beta1 in goat temporomandibular joint disc fibrochondrocytes from self-assembled engineered constructs	Hong Kang
63280	Smart-Phone Based Automatic Arrhythmia Detection and Diagnosis	Lisha Zhong

### Poster 3: Air Pollution and Water Pollution

Grand Ballroom(大宴会厅), 3rd floor

Time: 14:00-17:30, Thursday, May 12

PaperID	Paper Title	Author
60003	VOCs Removal Using Adsorption-enhanced Non-thermal Plasma Technology	Tao Zhu
60020	Surface Water Quality Assessment in Tieling Reach of Liaohe River Main Stream	Hui Wang
60038	A Review on Relationship Between Airborne Infection and Two Different Ventilation Systems in Hospitals	Xiaodong Xuan
60065	Investigation of contaminants penetrated into groundwater through macropores in the vadose zone	Kang Wang
60117	Air quality trends and potential health effects: Development of an Aggregate Risk index	Pierre SICARD
60155	Foliar uptake of atmospheric nitrogen dioxide	Yanbo Hu
60295	A Study on Air Pollution Costs Measurement Based on Human Health	Wan Linwei
60297	Develop urban forest shelter belts to prevent NPS pollution in coastal region	Jianfeng Zhang
60330	Nanometer Attapulgit Adsorption Determination of Cd(II) in environmental sample Using FAAS	Yan-Min Hou
60334	Potassium Tetratitanate Whiske Adsorption Determination of Mn(II) in Wastewater Using FAAS	Yan-Min Hou

PaperID	Paper Title	Author
60337	Phase-separation Sublation Using Magnesium(II) as a Ligand for Determination of Trace Oxytetracycline in Water Samples	Yan-Min Hou
60379	Environmental Assessment on Soils from Parks and Roads in Xiangtan City Based on Multi-variate Statistical Analysis	Minghui Ju
60479	Numerical simulation of inlet oxygen influence on NO emission under preheated air condition	Yaxin Su
60499	Crystal Structure and Antioxygenic Property of a New NiSOD Model Complex and its Probability of Application in Heavy Metal Removal	Junjie Yue
60504	Carbon footprint calculation for disposal of household solid waste in Suzhou	Wenting Zhu
60507	Study on the Calculation Method of Carbon Dioxide Emissions for a City	Cong Xv
60531	The study of the mechanism of Iron-based transition state Oxides catalytic oxidative desulfurization	Zhi-qiang He
60604	Environmental Effect of Tidal Gate and Measures of Disaster Reduction	Lihua Feng
60618	Soil Water and soil Salt Movement on land with reeds growing	Ying Zhang
60642	Environmental Geochemistry Research on Fe and Mn in Jilihe Basin	Guangzhu Zhou
60677	The Flood Control And The Ground Water Reservoir Construction Effecton Analysis Of Huanghui River	Qingyong Liu
60704	The Study on Heavy Metal Pollution in Benxi Reach of Taizihe River of China	Hui Wang
60707	Study on removal of COD in secondary effluent by Enhanced coagulation	Xiao-li Ren
60723	Assessment of trophic status for Dongping Lake using comprehensive trophic state index and diversity indices	Chang Tian
60740	Quality Characterization and Impact Assessment of Urban Runoff in a Medium Size City of China	Bo Bian
60748	Preparation of a Super-absorbent Polymer with Gracilaria Lemaneiformis Residue under Microwave Irradiation and Its Performances Research	Piaopiao Huang
60753	Investigation of the influence of odor emission from livestock farms in the surroundings area	Chung-Yi Chung
60756	Surface Water quality Evaluation and Pollution Characteristics Analysis in Xinyang	Han Zhang
60766	Effects of nano zero-valent iron on the performance of denitrification of Alcaligenes eutrophus	Meiying Dong
60775	Occurrence characteristics of spring water and salt brine in Sunning, the Middle part, Sichuan Basin	Tingshan Zhang
60786	Size and shape of suspended particles sampled by shrub leaf in polluted urban road environment	Wang Zanhong
60837	Research on Water Pollution Loss of Tourism-Related Functions in Lakes	Yingbo Zhu
60844	Chemical Weathering, Mechanical Denudation and Transport of Organic-carbon-A Case Study in Longchuanjiang Catchments	He-ping Zeng
60865	Increased Biomass and Adsorption of Used Diesel Oil by Thraustochytrids	Mary Jocelyn Battung
60872	Atmospheric Dry and Wet Deposition of Heavy Metals in Daqing City , China	Tang Jie

PaperID	Paper Title	Author
60876	Detection Of CO <sub>2</sub> Using Diode-Laser Absorption Near 1.573MM In Combustion Gases	Tingdong Cai
60886	Assessment of surface water quality using multivariate statistical techniques: A case study of the lakes in Wuhan, China	Yang Yang
60909	The thermodynamic analysis of SO <sub>2</sub> and H <sub>2</sub> S emissions from INBA system of blast furnace	Yan Jin
60932	Study on the Total Volatile Organic Compounds (TVOC) Release from Finishing Particleboards	Jun Shen
60951	Ecological Impacts of Marine Reclamation in Binhai New Area of Tianjin	Xiuming Wang
60968	Analysis of Water Quality and Public Health in Chongqing Area—The Relations between Drinking Water Quality and Water Related Diseases Morbidity in Rural Areas in Chongqing Municipality	Qunmin Lu
60969	A Primary Experiment of Perchlorate Reduction by Photocatalyst	Jie Yao
60973	Experimental Study on the Allelopathy of Two Kind of Submerged Plants	Shan Wu
60985	Flow and water quality simulation of Tongxiang reservoir	Yiqing Guan
60996	Air Cleaning Paper Based on the Enhanced Photocatalytic activity of Nano-TiO <sub>2</sub> /ZnO	Zehua Liu
61061	Application of Land Use Relation Approach for Nonpoint Source Pollution Load Prediction	Yali Zhang
61126	Effect of Suspended Substances on the Fate and Distribution of Petroleum Pollutants in the River	Bo Wu
61168	Occurrence of arsenic in urban area of Pizhou, China	Wei Hu
61171	Study on the contaminants of phthalate acid esters (PAEs) in Shaanxi section of the Wei River basin, China	Lei Wang
61186	Investigation of high fluoride concentration in surface water in the central loess plateau	Junjie Wu
61222	Applying WARMF Model for SS Spatial Distribution in Chao Lake Basin, China	Dinggui Luo
61237	Research on 3D numerical simulation of effect on wind-driven current to the pollutant diffusion	Ying Wang
61248	Hydrodynamic and Water Quality Models of River Network and its Application in the Beiyun River	Juxiang Jin
61299	Effect of coal-S on the formation of NO precursors during coal pyrolysis	Jian-Ying Lin
61336	Isolation, Identification and optimization of Culture Conditions of Photosynthetic Bacteria	Lixin Li
61375	Water Pollution and Tourism Development- case study in Dongchang Lake in Shandong Province of China	Yingbo Zhu
61386	Analysis the Source of Volatile Organic Compounds Emission from Particleboards	Shijing Sun
61451	Characteristics of produced water from coal mine and coalbed methane well and impact on environment in Liulin mining area	Jienan Pan
61461	Study on Distributed Water Environment Model and Application for Water Diversion to Improve Water Environment	Jin Luo
61466	Pulsate Dust-Purging Mechanism of Plenum-Type Bag Filter	Xuan Gong

PaperID	Paper Title	Author
61482	Exploration on the Technologies of Control Unit Classification and Goal-setting of Total Pollutant Emission Control	Yangcun Xie
61546	Atmospheric Effect for Carbonyl Sulfur Hydrolysis at Moderate Temperature	Hongxia Zhang
61552	Cigarette Smoking, Glutathione S-transferase P1 Genetic Variant, and Cardiovascular Fitness	Tao Liu
61566	Odorous Compounds Hazards and Health Risk Assessment of Urban Sewage Pumping Station	R.Q Lu
61577	Influence of Gas Composition on Hydrogen Sulfide Removal at Moderate Temperature	Huiling Fan
61581	The effects of season on fetal bone development: a study from Chinese newborn infants	Xiang-peng Liao
61619	DNAPL Mass Flux Assessment of In-situ Chemical Oxidation Using Quasi-Multidimensional Experiments	Huali Chen
61626	Capacity of modified fly ash in advanced treatment of landfill leachate: Determined of equilibrium and kinetic model parameters	Yi Li
61637	Model and Simulation on SO <sub>2</sub> Removal with Electrostatic Spray	Wang Zhentao
61649	Inhibitory effects of streptomycin and erythromycin on methane production of anaerobic granular sludge	Chun Liu,
61662	Ecological effects of stormwater runoff on urban eutrophic rivers during flood season in Chaohu City	Haiping Zhang
61671	The VP1 encoding gene sequencing and analysis of an enterovirus 71 strain isolated in Hubei Province	Xiaojing Hu
61740	Optimization of energy consumption for sludge sonication-Based on suitable sludge disintegration degree and easily degradable substances for sludge digestion	Chang Liu
61769	Groundwater pollution system research on the solute transport coupling with leachate degradation	Qing-he Zhang
61790	Depth profiles of particulate matter and elements in particulate matter in Xi'an, China	Longhao Zeng
61805	Preparation and characterization of catalysts produced from AMD and their catalytic behavior during toluene oxidation	Silvia Andersené
61813	Effect of nitrogen and phosphorus ratio on algal growth in Lake Xuanwu	Jianxin Zhou
61818	Biodegradation of organophosphorus pesticide and simultaneous denitrification about <i>Bacillus cereus</i>	Yan Ni
61822	Study on contents of phthalates in seafood by liquid chromatography spectrometry with matrix solid-phase dispersion	Lixia Wang
61828	The Application of Wavelet Analysis to Water Quality Prediction in Lake Dianchi Watershed	Yajuan YU
61835	CFD Numerical Simulation of Drift Diffusion of the NPP's Cooling Tower	Dong-peng Guo
61846	Wind tunnel experimental study on effect of Nuclear Power Plant Cooling Tower on radioactive plume dispersion	Qingdang Qiao
61863	Study of Five-Step Ecology Approach Used In Disposing Reclaimed Water in Ecological Economy District in Northwestern Changchun	Pengfang Zhao
61879	Photolysis of Acetamiprid in Hydrogen Peroxide under UV Light	Guohong Xie

PaperID	Paper Title	Author
61886	Comparative study of ammonium, nitrate and nitrite ions adsorption onto loose-pore geothermal reservoir medium	Li Zhao
61891	Effect of electrostatic field on calcium carbonate precipitation	Haihua Li
61946	Research on the Attenuation Law of VOCs from Particleboard at Different Temperatures	Shen Jun
61951	Investigation of Environment and Microorganisms Contamination in Bathing Beach of Haikou Bay, South China	Wenfang Long
62030	Research about Microbial Growth Dynamics Model in SBMBR Wastewater Treatment Process	Zhoujian Yu
62058	Seasonal Variation of Hydrochemistry for Typical Epikarst Springs in Karst Mountains Area	Mingzhu Lin
62076	Investigations of copper corrosion inhibition in Citric Acid by PASP using Steady polarization	Rui He
62082	Atmospheric nitrogen deposition and its ecological effect to agroecosystem in Southeast China	Yue Zeng
62114	Synthesis and scale inhibition and dispersion performance of polyaspartic acid derivatives	Meifang Yan
62119	Study on the effect of magnetic field on the crystallization of CaCO <sub>3</sub>	qianqian Dong
62183	The remediation of hormonal contaminants using sorptive materials	Kai Cai
62190	Analyze Of Air Pollution And Respiratory Disease During 29th Olympic Games In Beijing	Hai-yan Ding
62205	The Tidal Regime in The Quanzhou Bay: A Model Study	Hao Liu
62214	Effects of Atrazine on the Acrosome Reaction of Spermatozoa in <i>Eriocheir sinensis</i>	Shumei Mu
62226	Elemental Composition and Source Apportionment of Atmospheric Fine Particulates in Nanjing Sci-Tech Education Area, China	zhenfeng zhou
62274	Assessment of trace metal pollution in surface sediments of a eutrophic lake	Dayong Zhao
62306	Joint Acute Toxicity of Phenanthrene and Sodium Perchlorate to Adult Zebrafish	Xuesong Zhao
62319	Study on the Water Quality and its Influencing Factors in Neijiang Lake	Qingjie Xie
62333	The anti-damage ability of the Bamboo leaves extract	Xiaohong Zhao
62357	A Fieldwork Study on Diurnal Cooling Effect of Green Space with Different Vertical Configuration	Qijiao Xie
62372	Assessment of the Groundwater Renewability in Beijing Plain Area	Jieqiong Zheng
62380	Distribution Of Trace Metals Levels In Kuwait Governorates Aerosols (Pm10, Pm2.5, Pm1)	Abdul Hadi Bu-Olayan
62410	Assessment of Urban Low-Carbon Economic Development in Longgang District, Shenzhen, China	Yingying Fan
62433	Discussion on the Scheme of Assessment and Treatment of Brown Field	Jianping Li
62438	Spatial Distribution and Seasonal Variations of Heavy Metals in Surface Water from Hun River, Northeast China	Hongling Zhang
62492	Nitrogen loss in Runoff from Paddy Fields in Plain Tidal River Network Region	TANG Hao

PaperID	Paper Title	Author
62507	Risk analysis and countermeasure for the standard system of water environment in river basin,China	Du Dazhong
62514	Assessment of Drinking Water Quality of Nanchang in 2009	Ying Zhang
62532	Monitoring and Risk Assessment of Representative Organochlorines in Lake Sediment	Yuan Cao
62543	National Survey of Urban Sewage Reuse in China	Yujie Guo
62564	Effect of environmental factors on the biodegradation of esterquats flotation collectors	Ying Zhu
62602	Biodegradation of modified fatty amine flotation collectors	Yingxue Li
62617	Air quality assessment and management review: case of Cotonou city (Republic of Benin)	Junior Bloh Nignilo Adohinzin
62624	Study on Variation of Chemical Stability Parameters of Water Quality in Water Distribution System	Yujin Xu
62627	Heavy metals in rivers of Shanghai Xuhui District and their potentiality in health risk assessment	Weiyi Xu
62629	Determination of the Amount of Metal Elements in Pipe Scales of Drinking Water Distribution Systems by FAAS	Cuijie Rui
62632	Numerical Analysis of Particle Distribution in Floor Heating Room	Zhenyu Du
62649	Hydrotalcites Derived CuMg/Al Mixed Oxides with Mesoporous Property for Catalytic Soot Combustion	Zhongpeng Wang
62666	The Cadmium accumulation ability of <i>Huttuynia cordata</i> enhanced by microorganisms in soil	Lirong Zhou
62673	Factor analysis of nitrate contamination on groundwater in lakeshore district, Hefei, China	Zhou Chen
62675	Absorption of H <sub>2</sub> S waste gas using combined absorbent of pyrolusite and ferric sulfate	Huang Zhaolong
62696	Method Study of Water Quality Control in Polluted Hun-Tai River Basin	Yicheng Fu
62715	Research on the Principle of Denitrifying Phosphorus Removal and the Influential Factors in Sewage Treatment	Liu-jin Chen
62724	Atmospheric particle deposition and element distribution in Xi'an, China	Jie Yue
62727	Recovery changes of antioxidant defenses in gill of grass carp ( <i>Ctenopharyngodon idellus</i> ) after removing short-period mercury exposure	Xiang-hui Kong
62732	An experimental research of the release characteristics of the transformer oil in workplace	Yuesheng Fan
62773	The hydrochemistry and nutrient distribution in Poyang Lake, China	Maolan Wang
62786	Effect of Yeast Powder on PCE Biodegradation	Jinghua Shi
62805	MF for Treatment of Iron Contaminated Underground Water and Fouling Countermeasures	Jiadi Cheng
62810	Expression and antibody production of the NP1 and VP1u gene from Human Bocavirus	Jingfeng Ouyang
62823	Expression and Purification of Non-structural Protein NS1 of Human Bocavirus and Generation of its Antibody	Bin Sun
62836	Analysis of microcystins in surface water from typical areas and downriver, Lake Tai	Rui Liu

PaperID	Paper Title	Author
62854	The Research of Air Pollutant Diffusion Model in Newly-renovated Hermetic Indoor Environment	Bin Li
62858	Preparation of sorbents with lignosulfonate	Qianjun Liu
62885	Interpretation of polycyclic aromatic hydrocarbon contaminants and soil properties of surface sediment in Dapeng Bay and neighbouring rivers	Shao_Wei Liao
62900	Analysis of Estuarine and Coastal Pollution of Bohai	Xiaocheng Fu
62904	Study on strategies for nitrogen and phosphorus loss controlling by SWAT modelling: a case study at Miyun reservoir	Ping Zhang
62959	Nitrate fate and origin in a typical karst subterranean river system, Southwest China	Xuan Liang
62964	Study of Agricultural Non-point Source Pollution of Yongding River Based on Export Coefficient Model	Xiaowen Ding
62981	Effects of ammonium nitrogen on the growth of <i>Ceratophyllum demersum</i>	Jingqing Gao
63021	Antioxidant response of faba bean seedlings to drought stress under nitric oxide treatment	Ke Chen
63077	The Sedimentary Record of Heavy Metal Pollution in a River in PRD, China	Feng Li
63081	Carbon Sequestration Forestry- A Sustainable Choice for Combating Climate Change	Guanglei Gao
63092	Effects of different water-saving measures on soil water-salt environment of arid area of china	Lirong Zhao
63134	Factors affecting akinete differentiation in <i>Anabaena flos-aquae</i>	Qidong Wan
63190	Effect of Deicing Salt on Ion Concentrations in Urban Roadside Snow and Surface Water	Fayun Li
63199	Risk assessments of groundwater pollution in Huanshui river basin	Baoxiang Zhang
63213	Effects of Temperature, pH, and DO on the Bioremoval of Mixtures of BTEX/TPH/TCE from Contaminated Water	Yiqin Chen
63218	Characteristics of suburb aerosol and its dependence on atmospheric conditions in the South-east China	Jian Cui
63242	The Synthetic Evaluation and Early Warning of Aquaculture Area in Dapeng Cove of Daya Bay, South China Sea	Xiuli Liao
63264	Application of Grey Model (1,1) to Forecast the Discharge of Restaurant Wastewater in Beijing	Ying LI
63303	Characteristics of Particulate Polycyclic Aromatic Hydrocarbons (PAHs) in the three typical cities of the Pearl River Delta, China	Lin qintie
63323	Relation Between Spring Kuroshio Ssta And Summer Rainfall In China	Tianyu Zhang
63354	Pilot study on marine water quality model parameters' dynamic inversion	Mingchang Li
63378	Effect of elevated air temperature on photosynthesis in a subtropical Forest Tree, <i>Ficus concinna</i>	Song Heng Jin
63380	The assessment of the urban residence environment quality satisfaction in Xuchang	Jinggong Zheng
63405	Warning system model for risk of water environmental pollution	Xianlin Meng

PaperID	Paper Title	Author
63422	Impact of Water Saving Reconstruction on Groundwater Sustainable Yield in Hetao Irrigation District of Inner Mongolia (China)	Yue Weifeng
63451	Study of Modern Urban Water System Planning—Taking Xi'an International Port District as an example	Yuewang Zhao
63457	Spatial Difference of Water Footprint Consumption in the Heihe River Basin of Northwestern China	Cuifang Wu
63489	Effects of liquid level on velocity distribution of fluid in multi-flora biological wastewater treatment reactor	Liguo Wan
63501	Design and application in the rainwater treatment of cyclone separator	Yongqiang Huang
63510	Urban Water Resources Status and Development Strategies—A Case Study of Xi'an City in Shaanxi Province	Zhaohui Deng
63527	Combined-Cell Water Quality Model for Plain River Network	Hong Ji
63552	Prediction of TP concentration threshold in eutrophic water based on grey clustering method	Liangqian Fan
63584	A modified DRASTIC model based on grey method for assessing groundwater vulnerability	Changgen Mei
63604	Effect of temperature shock on organisms in EBPR reactors under low temperature	Kang Han
63612	The Acute Toxicity and Chronic Effect of Atrazine to the Juvenile Chinese Mitten-handed Crab, <i>Eriocheir sinensis</i>	Shumei Mu
63619	Studies of tide-induced groundwater head fluctuation in a confined aquifer with a subcrop covered by a slope silt-layer	Shuang Liu
63640	Diurnal Dynamic Characteristics of Soil Respiration and Environmental Controls during Winter in Urban Lawn Ecosystem, Northeast China	Zhiping Fan
63663	Ionic composition and acidity of TSP and PM <sub>2.5</sub> in rainy days and non-rainy days	Li Li
63681	GIS-based Simulation of Urban Drainage	Qingxiang Meng
63693	Screening and Identification of Sulfate Reducing Bacteria and their Characteristics	Yu Zhang
63700	Analytical studies on groundwater discharges into coastal waters	Shuang Liu
63719	A Pilot Stormwater Management Practices in Southern China	Ru Zhang
63724	Image Processing based Non-destructive Method for Measuring Growth of Constructed Wetland Plants	Xiao Liu
63733	Research of MSBR as a Fuzzy Control Parameter in Sewage Treatment System	Xiaobo Zhou
63749	Theoretical study of the quantitative structure–activity relationships for the Ah receptor-binding affinities of polybrominated diphenyl ethers	Yu Li
63753	Application of Grey Relational Analysis to Atrazine Adsorption on Surficial Sediments as Affected by Cadmium or Copper Co-existed	Qian Gao
63771	The impact of water resource strategy on the Juyan Lake restoration of Heihe River Basin	Juan Ren
63791	A Comparative Investigation of the Nitrosodimethylamine Formation from the Nitrosation of Dimethylamine and Trimethylamine by Nitrite under the Neutral Condition	Qingming Liu
63800	Effect of Different Carbon Resource on Enrichment of Polyphosphate Accumulating Organisms in Sediments from Lake Taihu	Ying Hu

PaperID	Paper Title	Author
63857	Effects of Fertilizer with Soil and Water Conserving Function on the Nitrate in Cabbage and Soil	Peng Li

## Poster 4: Chemical Pollution, Land Pollution, Solid Waste Pollution, Ecosystem and Public Health

Grand Ballroom(大宴会厅), 3rd floor

Time: 14:00-17:30, Thursday, May 12

PaperID	Paper Title	Author
30602	Thermodynamics study on removing nitrate nitrogen from wastewater with anion exchange resins	Hongyan Li
31051	Toxicity effect of two disinfectants on motility of two marine microalgae, <i>Isochrysis galbana</i> and <i>Tetraselmis chui</i>	Guangxu Liu
31735	Characterizations Of Chromium Adsorption Of Anaerobic Granular Sludge In Wastewater	Mu-hua Wang
32288	The chemical properties of water in <i>Larix gmelinii</i> plantation at Mountainous Region in Heilongjiang Province of China	Ying Xin
31512	The Survey And Analysis Of College students' Nutritional Status In The Western Region	Duoduo Yang
60027	Dynamic Change of Land-use in the Southern Mountain Region of Jinan	Lihong Wang
60032	Study on Security Patterns in Landscape of Jinan Southern Mountain Region	Lihong Wang
60078	Study of selenium enrichment of <i>Auricularia auricula-judae</i> (Wooden ear fungus)	Peixin He
60105	Determination of Pb、Cu and Mn in some Traditional Chinese Medicines by Microwave-assisted Extraction followed by Flame Atomic Absorption Spectrometry	Z. X. Tang
60124	Impact of moulds and mycotoxins contamination of the broiler concentrated feeds at different storage conditions	Songshan Qiu
60125	Potentiometric Detection for Chloride in Copper Sulfate Pentahydrate Recycled from Printed Circuit Board	Jian Zhang
60126	Survey on Treatment and Disposal of Solid Waste in Countryside in Xiqing Area Tianjin	Xin Feng
60151	Analysis on safety monitoring indicator of Jiu Dian Xia CFRD	Zhenzhong Shen
60179	The changes of crude oil during evaporation process in environment	Yuying Li
60181	Experimental study on the transporting process downwards of organochlorine pesticides in a sediment core from Honghu Lake, China	Xiangyi Gong
60183	The model of ecological restoration of Urban Dry River in Northern China	Weiying Meng
60192	Application of Improved Set Pair Analysis Model for Evaluation of Lake Eutrophication	Fanxiu Li
60239	Effect of Ethidium Bromide on Meiotic Recombination During Spermatogenesis in Male Mice	Hongying Wang
60303	A Novel Concept for Waste Tire Recycles: as Reburning Fuel for NOx Reduction	Yaxin Su
60316	Anesthesia and Recovery with Clove Oil in Juvenile Siberian Sturgeon ( <i>Acipenser baerii</i> )	Guangpeng Feng

PaperID	Paper Title	Author
60325	Effect of phosphate fertilizer on fluoride species and soil pH in fluoride-contaminate soil	Wen Chen
60363	Uptake and Distribution of Cadmium in Different Rice Cultivars	Xuemei Leng
60377	Study on effect of compound action of heavy metals Pb、Zn and Cd in soil on calatase and urease activities	Jinxia Nie
60406	Study on the Frequency Prediction of Marine Accidents for Ship on the Sea	Wenfeng Wu
60424	Effect of Formaldehyde Exposure on CYP450 of Liver Cells of Mice	Juan Du
60430	Effects of MnO <sub>2</sub> Nanoparticles on Liver and Kidney Cells of Rats	Huihui You
60434	Toxicity Comparison of Methanol, Formaldehyde, Formic Acid and Acetaldehyde on Hela cells	Yujie Ke
60447	Detection of Formaldehyde Content in Mice Blood after Formaldehyde, Methanol, Formic Acid and Acetaldehyde Exposure	Xiaodan Qin
60466	The dynamic monitoring of vegetation coverage in desertification ecosystem	Jian Wu
60497	Pyrolysis of plastic wastes to fuel oil with and without catalyst	Baoying Shi
60500	Kinetic Studies for the Inhibition Effect of 4-Chlorophenol on Acetylcholinesterase Activity	Qiong-Yu Liu
60527	Environmental and Uncertainty assessment of Bio-toilet and Flush Toilet	Jinglan Hong
60538	Determination of Trace Elements in 32 Kinds of Drinking Dried Flowers by ICP-AES	Zhang Li
60551	Biological Activities of a Composting Reactor With Batch-Fed Operation	Hongbo Wang
60555	Environmental impact prediction of electron donors on the reductive transformation of hexachlorocyclohexane	Fanli Meng
60571	Thiosulfate Leaching of Gold and Silver from Waste Mobile Phones	Jingying Li
60586	Stability and bifurcation behaviors analysis of a three-species food chain model	Fule Li
60609	Reproductive Ecological Characteristics of <i>H. ammodendron</i> Population Studies on Fecundity and Reproductive Allocation	Yu-yang Song
60651	Study on the degradation of malachite green by TiO <sub>2</sub> -ZnO nanocomposition	Wei Liu
60656	Ecological Toxicity of Dibutyl Phthalate on Arabidopsis	Xiaoxiao Chen
60681	Up-regulation of the NGF-mRNA in Macrophage Cell Induced by Formaldehyde and DEHP	Mingdi Jiang
60689	Uptake and Distribution of Lead in Different Rice Cultivars	Xiaomei Zhong
60719	A rapid, efficient method for the mass production of viable generative cells from <i>Nicotiana tabacum</i> , <i>Vicia faba</i> L. and <i>Iris tectorium</i> Maxim	Kefeng Fang
60726	Research on the Methanol Synthesis from Biomass	Lingfeng Zhu
60730	The oat $\beta$ -glucan affects mice intestinal morphology similarly to other oat products	Jilin Dong
60744	Study on Influences of Mixed Methanotrophs Agent on the Methane Oxidation Capacity of Landfill Cover Materials	Juan Mei

PaperID	Paper Title	Author
60752	Environmental Hazards and Comprehensive Utilization of Coal Gangue in Sustainable Development	Kai Zhu
60782	Grey modified Analytic Hierarchy Process for waste load allocation:A case study	Liangqian Fan
60835	Lead and cadmium levels of selected beauty products sold in wholesale shops in Manila, Philippines	Judilynn Solidum
60914	Evaluation of Estrogenic Activity of BBP to Mice in Organic and Molecular Level	Xue Yang
60917	Influence of BBP Exposure on mRNA Transcription of AChE, SOD and CYP4501A in <i>Danio rerio</i>	Can Zhang
60920	Physicochemical characteristics of <i>Scenedesmus obliquus</i> with different treatments of melamine	Zhen He
60960	Application of the Cause-Consequence Diagram Model for Quantify Grinding Machine System Safety-capability	Wen-ying Chen
60978	The Experiment Research in Microwave Radioprotection	Zunwei Wang
60980	Urbanization and Population Health-Threats of urbanization rapid development to population health	Feng Yang
61031	Utilization of hematite tailings in non-fired bricks production	Yongliang Chen
61034	Experimental Study on Melting Solidification of MSWI Fly Ash in a 0.2MW Swirling Furnace	Xuetao Wang
61056	Quantification of PAHs pollution in marine environment by measurements of EROD activity and Caspase-3/7 activity in marine madaka ( <i>Oryzias melastigma</i> ) embryos	Xiao-long Lin
61084	Study on Rainwater Utilization in Eco-area	Chenrui Peng
61106	Phosphorus Uptake Kinetics of Three Plant Grown in the Ecological Floating Bed	Xiaohong Zhou
61113	Nitrification and Denitrification Capacity of Biofilm Culturing in the Elastic Packing Applicable to Urban Polluted Riverway	Zhigang Chen
61120	Changes of the Biomass and Aluminum Accumulation of <i>Phragmites australis</i> Seedlings under the Aluminium Stress	Zhigang Chen
61129	Enzymatic Conversion of 2,4-Dichlophenol by Laccase	Huifang Xie
61175	Research on "Three Wastes" Pollution in E-waste and Countermeasures	Yu Liu
61176	Effect of soil properties on selenium availability in Kashin-Beck Disease-endemic area, Ruoergai county, Sichuan,China	Tian Yingbing
61217	The Investigation of Methane Concentration Derived from Municipal Solid Waste Landfill	Meisheng Liang
61228	A New Enterobacteria Biological Control Method of Poultry Wastes	Jingjing Liu
61251	Mobility of Cypermethrin in Soil As Affected by Copper	Jun Liu
61256	Using Hydraulic Vulnerability Analysis to Set Hydraulic Security Monitoring Point in Water Supply Network	Guangyu Zhou
61260	Evaluation of Heavy Metals Contaminative Features of a Sewage River Sediment	Qing Wu
61279	Cadmium Extraction Effectiveness and Soil Dissolution Issues of Chelates-washing of Artificially Contaminated Soil	Yushuang Li

PaperID	Paper Title	Author
61339	Mutagenic action of Milbemycin oxime	Mingli Qu
61364	Study on the Ecological Problems and Control Methods in Open Pit Mines	Guofang Chen
61422	Short-term Response of <i>Koelerutera paniculata</i> Seedlings to Simulated Soils Polluted by Manganese Mining Wasteland in Central South China	Kun Zhao
61429	Micro-total-Analysis Systems Based on a Laser Valve for Single Cells Auto Injection and Analysis	Yu Liu
61448	Primary breast diffuse large B-cell lymphomas	Dan Li
61501	Determination of Camphor in Traditional Chinese Medicines by Gas Chromatography with Flame Ionization Detector	Z.X. Tang
61516	Identifying Optimal Strategies for Environmental Management in the Mixed Fuzzy Stochastic Environment	Y.P. Cai
61533	Biodegradation of pendimethalin by two fungus strains isolated from soil in China	Caihong Yu
61589	Feasibility Study on Solidification/Stabilization of MSWI Fly Ash using Na <sub>3</sub> PO <sub>4</sub> Combined with Coal Fly Ash Agent	Dajie Zhang
61597	Study on improvement of environmental pollution from hydrometallurgy	Hai-bo Deng
61599	A study of automatic recognition of three rodent species: applying mathematic morphological characters of skull	Xiongfeng Yuan
61620	Health risks of heavy metals in soils and food crops irrigated with wastewater in Zhengzhou, China	Wenlin Wang
61630	DNA Biosensor based on the CdS modified glassy carbon electrode	Laihui Xu
61635	Research on the Utilization of Pyrite Cinder in Iron Ore Pellets	Tiejun Chun
61641	Vegetation distribution characteristics and shell sand physicochemical properties in shell ridge on the southwestern coast of Bohai Bay	Wenjun Xie
61660	Inhibition of aflatoxin production by <i>Bacillus subtilis</i> Hitwh-B5 and its bioactive metabolites	peisheng Yan
61667	Analysis of Oasis Land Use and its Impact on Eco-Environment in Xinjiang	Xinping Liu
61714	Detection of hepatitis E virus in pigs from slaughterhouses in Shanghai of China	Wen Zhang
61722	Effects of magnesium salt on the anaerobic gas production of modified sludge	Hongtao Wang
61726	Effect of aluminum on metabolism of nitric oxide and lipid peroxidation of splenic lymphocyte in chickens cultured in vitro	Qiang-fei Wang
61735	Toxicity Assessment of Effluents Discharged into Bohai Sea of China Using a Battery of Bioassay	Jingli Mu
61745	Influences of three plant species on fertility of iron mine tailings contained vermicompost: experiment in greenhouse	Jun-ying Zhang
61756	Enzymatic responses in earthworm exposed to roxarsone contaminated soils	Yinsheng Li
61762	Microclimate Effects and Ecosystem Services Evaluation of Urban Wetlands in Guangzhou City	Yang Zhang
61785	The migration of contaminations from coal waste rock to surrounding environment	Xin-yi Wang

PaperID	Paper Title	Author
61820	Increase N,P,K use efficiency by interaction of controlled-release N and K	Shao Lei
61826	A Real-Time Irradiation Model	Hao Liu
61831	Ca <sup>2+</sup> Influx during Pollen Germination of <i>Picea wilsonii</i> Mast. by Non-invasive Micro-test Technique	Haiwen Hu
61838	Response of cytochrome P450 in earthworms exposed to arsanilic acid contaminated soils	Yinsheng Li
61874	A New Member for Bioremediation Of Crude Oil Contaminated Soil	Yang Wang
61883	Study on decrease of nitrogen application rate on Young Apple Tree	Lifen Song
61908	Study on sludge dewatering ability by ultrasound pretreatment	Cuihong Zhou
61939	Cloning, Expression, and Characterization of Recombinant Hydroxyquinol-1, 2-Dioxygenase from <i>Pseudomonas</i> sp. strain HS-D38	Xueting Yang
61950	Preparation of Aloe Gel Formaldehyde Scavenger and Its Application in Oxazolidine Tanning Leather	Longfang Ren
61965	The screening of microbial flora with the ability to degrade cellulose	Jie Yu
61972	Effects of cadmium on oxidative stress indicators in liver of <i>Carassius auratus</i> in simulated urban runoff	Fang Chen
62000	Genotoxic effect of reclaimed water in Tianjin, China	Chunhua Wang
62043	Characteristics of Pb-Zn Bio-concentration in Hyperaccumulation Plant <i>Carex gentiles</i> Franch.	Yuanxiang Yang
62072	Isolation and Properties of Cypermethrin-degrading <i>Acinetobacter junii</i> ML9	Lingling Zheng
62104	Structure and characterization of a biosurfactant produced by <i>Pseudomonas aeruginosa</i> strain KO9	Li Zheng
62105	Impact of chlorothalonil and mancozeb on soil urease activity	Yu Bai
62113	Economic Impacts of Harmful Algal Blooms in China	Yingyu Tan
62121	Comparative Environmental Assessments of Hospital Waste Management Systems	Wei Zhao
62122	Vegetation Reconstruction in Littoral Zone of Three Gorges Reservoir	Gang Liu
62127	Study on Efficient and Harmfulless Solvent-based Paint Stripper for Tinplate	Ning Duan
62135	The effects of trichlorfon on estrous cycle and developmental outcomes in female mice	Guodong Ding
62148	The contribution of leaching under different pH to nutrients release of cattail litter	Zhou Junwei
62152	Determination of Permethrin Residues in Vegetables by Photochemical Fluorescence Spectrometry	Manxiu Li
62156	Pattern of malformations in <i>Xenopus tropicalis</i> embryos induced by retinoic acids and phenotype-based teratogenic index	Xiaoli Zhang
62161	Effect of Biosurfactant on Desorption of Sediment-sorbed Phenanthrene	Shengfeng Zhu
62163	Effects of shelterbelts on wind erosion control in the desertified cropland of north-western Shandong Province, China	Yuhai Bao

PaperID	Paper Title	Author
62173	Potential Risks of Heavy Metal Pollution in Greenhouse Soils Cultivated for Different Periods	Xia Huang
62176	Effects of lead in drinking water on biochemical alterations in multi-organs of mice	Daozong Xia
62186	Applied Study on Consequence Assessment of Hypothetical Radioactive Releases Using Long-range Trajectory and Dispersion Models	Xiangjun Xu
62187	Effects of Atrazine on Potassium Currents of Cortical Neurons of Rats	Weiwei Zhang
62230	Effects of Moisture Regime on Characteristic of Soil Microbe in Continuous Cropping Field	Chunjiang Su
62331	Synthetic musks in aquatic organisms in Shanghai	Jing Zhou
62344	Study on Preparation and Durability of Eco-Type Cementing Material	Qian Li
62349	Polycyclic aromatic hydrocarbons (PAHs) in the sediments of Beijiang River, China: Characteristics, Sources and toxicity evaluation	Hui Zhang
62362	Indirect Determination of Mercury in Traditional Chinese Medicine by Flame Atomic Absorption Spectrometry	Jun Xue
62370	Reproductive Toxicity of Anatase TiO <sub>2</sub> Nanoparticles in <i>Caenorhabditis elegans</i>	WW Zhang
62379	Heavy metal concentrations in nestlings of Black-crowned Night Herons ( <i>Nycticorax nycticorax</i> ) in Zhengzhou, China	Hong_Peng Han
62400	Sound Absorption Property of Multilayered Aluminum Foam Structure	Xiaohong Zhang
62411	Does adding wheat straw biochar improve rape growth?	Jinhong Zhang
62412	The Study on the Migration and Distribution of Heavy Metals in Soils	Wei Jiang
62450	Apoptosis induced by actinomycin D in <i>Spodoptera litura</i> cells and the effect of two insect hemolymph on apoptosis	Rui Zhang
62455	Study on Environmental Impact Assessment of Wood-based Panel Based on LCA Method	Yanwei Pan
62459	The high risk of human parvovirus B19 infection in patients with malignant tumors	Yasha Li
62490	Ozone/ultrasound degradation effect on residual pesticides in commercially available apples	Jijun Gong
62491	Enhancing phytoremediation of heavy metals contaminated soils	Xiao-lang Su
62501	Genome Cloning of Human Bocavirus (HBoV1) and prospective study of NP1 gene transcription	Jingjing Li
62519	Assessment of the Crops Pb Pollution and the Health Risk were brought by exploitation of Lead-Zinc ores	Xiaoqing Zhao
62526	Studying Work Among Married Women in Childbearing Age in Mosul	Marab Younis Abdulah Al-Fathy
62584	Structural and Immunogenic Effect of Complete Antigen Linked by Different Spacer Arm	Shunjing Luo
62592	Simultaneous Determination of Melamine, Ammelide, Ammeline, and Cyanuric Acid in food contact material by HPLC-MS	Xiaojing Li
62678	The meaning of the inflammation parameters in exhaled air from the lower and upper respiratory tract (among active and passive smokers, allergic rhinitis)	Dominika Modzelewska

PaperID	Paper Title	Author
62710	Immobilization of Petroleum Hydrocarbon-degrading Bacteria and Its Degrading Characteristics	Xuan Wang
62718	Levels of Polybrominated Diphenyl Ethers in Umbilical Cord Serum from Shanghai and Their Relation to Newborns Birth Outcomes	Lin Zhang
62737	Organophosphate Pesticide Exposure levels of pregnancy women in Shanghai, China	Pei Wang
62766	Phytoextraction Cd from contaminated soils using <i>Chrysanthemum carinatum</i> : a new potential Cd-hyperaccumulator	Yuebing Sun
62838	The effects of electron beam irradiation on sterilization and preservation of chilled pork	Dianbo Zhao
62847	Biological Effects of Biomass Sand Stabilization Material Prepared With Lignosulfonate	Jiang Jiang
62871	Costs and Benefits of Implementing and Operating HACCP in the Chinese Food Enterprises	Li Bai
62882	Effects of Cd on the chlorophyll, dry weight and nutrient element uptake of Chinese cabbage	Songhe Zhang
62889	Recovery of rare earths from Spent Fluorescent Lamps	Xiahui Wang
62906	Carbon metabolism in the soils fumigated with methyl bromide alternatives	Chenglei Zhang
62910	The Health Implications of Mirex in the Environment	Bozhi Ren
62914	Effects of Monosulfuron on Photosynthetic Pigments of <i>Anabaena flos-aquae</i> Breb. Exposed to Different N-content	Jianying Shen
62930	Effects of the discharge of potato pulp on farmland soil fertility	Tuo-yi Wang
62954	Food Security, Human Health and Soil Quality	Lina Ren
62969	Monitoring of Pesticide Residues in Human Population of Nepal	Sital Kaji Shrestha
63020	Cadmium concentration in animal manure and the regional pollution hazard: A case study in Northeast China	Fengsong Zhang
63112	Microcystin-LR Induced Histopathological Alterations in Livers and Gills of <i>Cyprinus carpio</i> L.	Jinlin Jiang
63117	Construction of Recombinant Rabbit Hemorrhagic Disease Virus (RHDV) Vaccine using Myxoma Virus (MV) as a Vector	Zhen Guo
63123	Comparison of density fractions of heavy metals (As, Cd, Cu and Pb) in sediments collected from two estuaries of Liaodong Gulf, China	Shaofeng Wang
63129	The effect of microwave radiation treatment on flowing sewage sludge in a dynamic manner	Bozhi Ren
63141	Spatial distribution and accumulation of heavy metals in surface sediments from a city river in Pearl River Delta, China	Qiao Yongmin
63178	A Large Icefish Population Model for Ecological Risk Assessment in Northern China Waters	Yaobin Meng
63198	Preparation and Characterization of $Mn_{0.5}Zn_{0.5}Fe_2O_4 @ Au$ Composite Nanoparticles and Its Anti-Tumor Effect on Hepatocellular Carcinoma Cells	Yuntao Li
63205	Effects of temperature on oil-degrading microbial communities and the biodegradation of petroleum	Ying Xiong
63221	Study on adsorption equilibrium of volatile chlorinated hydrocarbons to dry soils using Dubinin-Astakhov equation	Fanyong Meng

PaperID	Paper Title	Author
63231	Solid Waste Management in Tianjin City: Status and Challenges	Wei Zhao
63249	Capability of Polychlorinated Biophenyl (PCBs) Degrading Fungi Segregated From Sediments	Yuefen Yin
63253	Study on the Influence of Pressure Change with Gas Emission in HongMiao Mine Working Face	Hu Nan
63310	Determination of Thiourea by High Performance Liquid Chromatography with Different Solvents	Qingjie Xie
63320	A high phenyllactic acid producing <i>Lactobacillus plantarum</i> strain isolated from 'Douchi'-a traditional fermented soybean food in Yunnan Province of China	Zhong-Hua Zhang
63338	The potential geographic distribution of the invasive weed <i>Eupatorium adenophorum</i> Spreng in China	Yongqin Tan
63364	Analysis of landscape pattern in urbanization based on RS: A case study of Xi'an-Xianyang region, China	Wenfang Tao
63396	Heavy Metal Pollution in Agricultural Soils of Changzhou, China	Jiakuan Xu
63445	Study on the Gob-effect Mines and Its Risk Classification Method	Gao-feng Ren
63485	Changes in endocrine status in silver sea bream ( <i>Sparus sarba</i> ) following cadmium exposure	Norman Y S Woo
63493	Studies on Degradation of the Pesticide of Chlorpyrifos by <i>Phanerochaete chrysosporium</i>	Linguo Zhao
63591	The microstructure and formation of artificial biological crusts of cyanobacteria <i>Nostoc flagelliforme</i> on fine sands	Haifeng Yu
63614	Health Risk Assessment of Organic Contaminants in a Typical Wastewater Irrigation Area, Northeastern China	Fayun Li
63631	Immunomodulatory Effects of Individual and Combined <i>Penicillium</i> Mycotoxins on Macrophage Viability and Proliferation	Se-Young Oh
63658	Effects of shading on pigment and chlorophyll fluorescence of <i>Cyclobalanopsis glauca</i> container seedlings	Qiuxia Chen
63689	Direct chiral resolution and determination of enantiomeric ratio of lambda-cyhalothrin in rabbits by high-performance liquid chromatography	Yiping Liu
63707	Ecological restoration strategy of fluctuating belt in Three Gorges Reservoir	Bo Hu
63717	A Method of Weight Determination in Integration of Cultivated Land Quality Classification and Geochemical Assessment	Xiaopei Zhang
63740	The preparation and characterization of red mud-based porous materials with pore-forming agents	Wenmin Guo
63766	Investigation on Environmental Risk Visualization of Oil field Accident Based on GIS	Xiao-fei Yan
63774	Study on the index system for the regional ecological security in Songyuan, Jilin province, China	Shi-jun Sun
63783	Screening of tolerant rice genotypes to 1,2,4-Trichlorobenzene stress at seedling stage	Zhang Guo-liang
63789	Biodegradation of Papaverine and Harmaline with the Basidiomycetous <i>Phanerochaete chrysosporium</i>	Linguo Zhao
63799	Study on the combination remediation of petroleum contaminated soil by degrading bacterial and winter wheat	Qian Wang

PaperID	Paper Title	Author
63813	Heavy Metal Contamination of Soils and Its Evaluation in Different Greenbelt Functional Region of Harbin,China	Lixin Chen
63860	Effect of oxytetracycline on two enzymes in CYP450 2B subfamily in earthworm	Yinsheng Li
63891	Experimental study on co-firing biomass micron fuel (BMF) with Coal in cyclone furnace	Qiguo Yi
63907	Study on the release mechanism of thallium in Tl-containing pyrite	Chunlin Wang
63911	The Influence of the Ammonium Concentration on Nitrification & biodegradation process	Hongping Chen
63913	Treatment of methyl orange wastewater by microwave-induced Fe <sub>2</sub> O <sub>3</sub> /Al <sub>2</sub> O <sub>3</sub> catalytic	Huiling Zhang
63915	Adsorption Removal of Cadmium (II) from Aqueous Solution by Using Modified Eggshell Membrane	Xianzhong Cheng
62901	Detecting Organic Matters in the Water in Urumqi City through Combined Method of Gas Chromatograph-Mass Spectrum	Ying Lu

## Poster 5: Water Quality and Treatment

Grand Ballroom(大宴会厅), 3rd floor

Time: 14:00-17:30, Thursday, May 12

PaperID	Paper Title	Author
60015	Modeling chemical phosphorus removal from municipal wastewater using coagulation	Zhenhua Li
60037	Photocatalytic Degradation Kinetics Of Reactive Bright Orange Solution With Phosphotungstic Acid	Xiuhua Zhu
60045	Determination of Four Phthalate Esters in Surface Water by Solid-phase Extraction and Simplified Mobile Phase HPLC	Long Wang
60047	Adsorption removal of COD from wastewater by the activated carbons prepared from sugarcane bagasse	Yan Pan
60050	Comparison Of Photocatalytic Degradation Reactive Bright Orange Solution With Phosphotungstic Acid And Titanium Dioxide	Xiuhua Zhu
60062	Based on sluice movement turbulent motion water body to organic matter degeneration experiment and research	Haiyun Wang
60074	Methylene blue degradation by heterogeneous Fenton-like reaction using activated carbon-Fe catalysts	Dan Zhou
60075	Study on adsorption of Chromium(VI) by modified activated carbon with potassium permanganate	Jin Zhang
60112	Isolation a Candida Strain Capable of Degrading Reactive Blue 13 and Bioaugmentation of Aerobic Sequencing Batch Reactors	Xiuyan Liu
60122	Comparing the Purification effects of Sewage Water Treated by Different Kinds of Porous Eco-concrete	Junkang Lan
60134	Degradation of Amido Black 10B by Saccharomycete	Muqing Qiu
60138	Decolorization of the azo dye C.I. Basic Red 22 in aqueous solution by Fenton oxidation	Muqing Qiu
60146	MIB Removal by Immobilized Biological Activated Carbon Filter in Comparison with GAC Filter	Gao Yunan

PaperID	Paper Title	Author
60169	Degradation of aniline by a dual-electrode oxidation process in aqueous electrolyte	Shihong Cen
60189	Determination of trichlorobenzenes and 2,4,6-trichlorophenol in wastewater of machining by dispersive liquid-liquid microextraction – gas chromatography/mass spectrometry	Hao-Yu Shen
60206	Water Supply Situation and Sugestion on Rural Area of Beijing	Junling Wang
60219	Adsorption characteristics of different constructed wetland substrates	Xuwen He
60224	Advanced treatment of coking wastewater in relation to COD using Three-dimensional electrodes	Xuwen He
60227	Electrochemical treatment of contaminants in coking wastewater with Ti/RuO <sub>2</sub> -IrO <sub>2</sub> electrodes	Xuwen He
60234	Different COD/N Ratio Effect on Activated Sludge PHB Accumulation	Jian Huang
60251	Removal of Congo Red by Fixed bed of Modified Wheat Straw: Effect of Flow Rate	Congli Gao
60262	Sorption equilibrium and kinetic studies of Cu(II) from wastewater with modified sepiolites	Rushan Ren
60293	Study on the Treatment of Coal Chemical Wastewater by the Combined Process of Coagulation, Deposit of MAP and UV/Fenton Catalysis Oxygenation	Fucun Zhang
60299	Pre-concentration of Trace Bisphenol A in Seawater by Microextraction Flask and Determination by High Performance Liquid Chromatography	Jianke Zhou
60347	Experimental Study on Removal of COD in Chlor-alkali Wastewater by Biochemical Treatment Process	Xianxiong Cheng
60350	Waste Water Treatment by Modified Fly Ash	Huan Li
60369	Study on the Recovery of the Surfactant in the Wastewater of the Foam Flotation Separation Process	Dejin Wang
60382	Effect of Different Matters in Water on Accumulation of Dieldrin by Triolein-Embedded Membrane	Jinxian Huo
60386	Synchronous Removal of Nitrogen and Sulfur from Organic Wastewater by Anammox Bacteria	Xue-Hong Zhang
60392	The study on Recovery of Highly Purified Terephthalic acid	Chaonan Liu
60416	Research on Phosphorus Removals from Wastewater by Modified Blast-Furnace Slag (MBFS)	Yang Gang
60419	Effect of operation parameters on the performance of biological aerated filter in a full-scale wastewater treatment plant	Na_Sha Dou
60452	Anaerobic Granulation in Expanded Granular Sludge Bed (EGSB) Reactor Seeded with Digestion Sludge for Treatment of Actual Coking Wastewater	Chunjuan Dong
60453	Micro-aerobic Granulation of Digestion Sludge in an EGSB Reactor for the Treatment of Actual Coking Wastewater	Chunjuan Dong
60470	The Optimum Study of Operation Conditions on the Dual-media Flofilter with GAC and Sand	Yonglei Wang
60471	The Study on the Treatment of Low Temperature and Low Turbidity Water by the Technology of New Flofilter	Yonglei Wang
60498	Synthesis and Characterization of Cationic Polyacrylamide Emulsion as Flocculant	Yufeng Wang

PaperID	Paper Title	Author
60513	Phosphorous precipitation/recovery as struvite from wastewaters of low phosphorous concentration	Jing-rong Yang
60546	Study on the Bioreactor for Removal of Nitrogen and Phosphorus in Wastewater	Ping Ting
60574	Electron Beam Radiolysis of 17 $\beta$ -estradiol in Aqueous Solutions	Laitang Ren
60629	Determination of chlorophenols in water samples with liquid-liquid extraction and derivation followed by GC-MS	Yulei Bai
60708	A Research of Papermaking Wastewater Treatment using Heterogeneous Electrocatalytic Oxidation in fluidized bed reactor	Zhijun Hu
60710	Kinetics and possible mechanism of the degradation of methyl orange by microwave assisted with Fenton reagent	Fang Wang
60761	Research on the advanced treatment of coking water with iron-carbon substrate constructed wetland	Xiangfeng Huang
60791	The adsorption property investigation of tetraethylenepentamine functionalized nano-Fe <sub>3</sub> O <sub>4</sub> polymer adsorbents on Cu(II) from wastewater	Hao-Yu Shen
60820	Comparison Study on the Efficiency of Treating Rural Domestic Wastewater with Water Hyacinth Pond, facultative pond and Alga/Duckweed Pond	Yue-xia Gao
60849	Solar photodegradation of p-nitrophenol in water catalyzed by TiO <sub>2</sub> /MWCNTs composite catalyst	Zheqi Li
60857	Experiment Studies on Influence Factors of Anaerobic Ammonium Oxidation (ANAMMOX)	Shao-hong You
60860	Study on Removal of Phenol and COD from Micro-polluted Water Using Potassium Ferrate	Jianguo Cui
60889	Study on treatment of methyl orange wastewater by bipolar electro-Fenton technology	Jin Zhang
60900	Adsorption of arsenic onto Ce-La binary hydroxide encapsulated in calcium alginate beads	Tong Ouyang
60923	Adsorption behaviors of basic amino acids on a spherical cellulose adsorbent	Chunxiang Lin
60937	An experimental study on the treatment of domestic sewage by magnetic powder-intensified activated sludge process	Yulong He
60941	The Effect of Air-Upflow Velocity on the Performance of Biological Aerated Filter	Ting Li
60942	Study on Treatment of Low Temperature and Turbidity Water with Polysilic Aluminium Ferric Flocculants	Liu Junxia
61042	Simultaneous Determination of Hydroquinone and Catechol at Poly (Crystal Violet) Film Modified Electrode	Yan Zhang
61063	Study on source-separated urine using HydroLab DS5X	Yao Xu
61068	Quantification of Uncertainty in Tritium Analysis of Groundwater Samples	Xiangyang Zhang
61090	Research on Deoxidization for Boiler Make-up water using Polyolefin Membrane	Liguo Wang
61111	Adsorption Kinetics of Chromium(VI) on a Spherical Chelation Adsorbent from Aqueous Solutions	Li Nan
61138	Catalytic ozonation of paper mill effluent by activated carbon (AC), TiO <sub>2</sub> /AC, Al <sub>2</sub> O <sub>3</sub> and TiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub>	Li-rong Lei
61182	The Photoconversion of Naphthalene and Phenanthrene under UV Irradiation in Ice and Water	Honghai Xue

PaperID	Paper Title	Author
61191	Combined Enzyme And Chemical Fixing Agent To Control Dcs In Papermaking White Water	Jun Liu
61195	Photocatalysis of TiO <sub>2</sub> Films Coated on Indium-tin Oxide Glass Surface for Acetic Acid	Wenjuan Shi
61201	Factors Optimization of Bio-contact Oxidation Techniques in River Remediation	Lingfeng Zhu
61204	The photocatalytic degradation of methylene blue in wastewater by nano-structured Cr-doped TiO <sub>2</sub> under low power visible-light irradiation	Ying Hu
61205	Autotrophic denitrification of groundwater using a new hollow membrane biofilm reactor	Yanhao Zhang
61233	Study on Runoff Simulation of Yuan River Based on AVSWAT-X Model	Yujie Fan
61285	Permeability Loss of Substrate in High Salinity Landscape Water Constructed Wetland	Haiming Li
61289	Effect of Substrate Condition on Phosphorus Removal Efficiency of Phosphate Reduction System	Chen Yao
61300	Biosorption of Pb <sup>2+</sup> from aqueous solution by bioflocculent MBF-07	Xin Xin
61305	Two-compartment SBBR with alternate aeration and fill for nitrogen removal	Yongjiong Ni
61322	Flow Injection Spectrophotometric Determination of Cetylpyridinium Bromide in Environmental Water Samples	Hua Li
61355	Degradation of p-nitrophenol in the wastewater by electrocatalytic oxidation	Mei Tian
61359	Harmless Treatment Method for the Removal of Heavy Metals from Simulative Wastewater by Inducing Crystallization	Jie Sun
61361	The Effects of HRT and MLSS on A Continuous Shortcut Nitrification and Denitrification Process	Wei Wang
61367	Effects of SiO <sub>2</sub> Nanoparticles Content on Ion Transport Properties of a New Organic-inorganic Cation-exchange Membranes	Xingtao Zuo
61368	Electrochemical Degradation of Dimethylacetamide in Acrylic Fiber Wastewater	Jie Li
61427	Adsorption isotherms for fluoride adsorption onto Ca-rectorite: comparison of linear and nonlinear method	Wan-yi Li
61435	Determination of Carbamate Insecticides in water Using Floated Organic Drop Microextraction-High Performance Liquid Chromatography	Jianke Zhou
61436	The Improvement of Spectrometric Determination of COD by Microwave Digestion with Digestion Vessels	Wen Zhuang
61487	Fluorine in Drinking Water and Endemic Fluorosis in Northern China	Min Chen
61493	Investigation of Treatment of Domestic Sewage by PAC-SBR Process	Wei-jian Su
61495	Comparative Study of Actual Coking Wastewater Treatment in Micro-aerobic EGSB Reactor for Continuous and Intermittent Oxygenation	Chunjuan Dong
61541	The Study of High Performance Organic Adsorbents Applied to Potable Water Advanced Treatment	Yongjie Zheng
61547	Aerobic Biodegradation of N-amyl Xanthate as the Sole Substrate	Shaohua Chen
61548	Immobilization of anatase TiO <sub>2</sub> on Organoclay via W/O Microemulsions for Water Treatment	Xiangfu Meng

PaperID	Paper Title	Author
61583	Degradation of dye wastewater using the electrochemical method	Feng Zhang
61607	The synthesis of hyperbranched polymer flocculant and its application in wasted drilling fluid	Xuechuan Wang
61645	Research on Separation Dying and Oiling Wastewater from Tannery by Polyethersulphone Membrane	Rong Lu
61657	Adsorption Properties of As(III) on Iron Oxide Modified Filter Media	Jincheng Li
61658	Aerobic granulation in a modified continuous flow system	Jiaheng Zhou
61705	The Influence of Flow Field on the Effluent of EGSB Reactor	Ying Yue
61710	Effect of COD/sulfate ratios on batch anaerobic digestion using sulfate-reduction bacteria	Hengheng Cao
61764	Photo-Fenton Degradation of Rhodamine B Wastewater Influenced by Carboxylic Organics	Na Liu
61778	Morin-Ce4 + Chemiluminescence for the Determination of Environmental Endocrine Disruptors-Nonylphenol	Yingchun Yang
61794	Experimental Study on Intercepting Rainfall Runoff with a Permeable Dam	Xingcheng Yuan
61851	Adsorption and Desorption of Cr(III) on a Spherical Cellulose Adsorbent	Ruoqi Chen
61857	Photocatalytic activity of TiO <sub>2</sub> and TiO <sub>2</sub> -CuZSM-5 composite prepared by solid state dispersion	Wenjie Zhang
61860	Chemical oxygen demand (COD) degradation kinetics analysis of paper mill effluent treatment with ozonation and catalytic ozonation	Li-rong Lei
61867	Photoelectrocatalytic properties of porous TiO <sub>2</sub> film electrode in Na <sub>2</sub> SO <sub>4</sub> solution	Wenjie Zhang
61871	Tower Earthworm Ecofilter System for Rural Sewage Treatment in China	Xiaoying Yang
61986	Sensitive determination of triclosan in water using SPE packed with bamboo carbon combined with HPLC-ESI-MS	Jing Sun
62021	Moderate scale experiment research on a submerged aerobic membrane bioreactor in urban sewage treatment	Mingxuan Yao
62032	Experimental study on SBMBR process in urban sewage treatment	Mingxuan Yao
62051	Photocatalytic properties of titanium dioxide loaded on ZSM-5 zeolites modified by NaOH and NH <sub>4</sub> Cl	Wenjie Zhang
62106	Electrochemical Oxidation of Fomesafen on Ti/SnO <sub>2</sub> -Sb <sub>2</sub> O <sub>5</sub> /PbO <sub>2</sub> Anode for Waste Water Treatment	Bin Xue
62129	Study on Strengthening of External Magnetic Field to Softening Hard Water Using Magnetic Ion Exchange Resin	Xuehui Wu
62143	Production of pure water suitable for laboratory experiments by electrodialysis technology	Ahmed Abou-Shady
62165	Analyzing and Treatment of Waste Water from Petroleum Industry	Chaogang Chen
62170	Optimization of Landscape Water Body Circulation Mode design	Wang Jie
62198	Analysis of Steroid Hormones in a Constructed wetland systems	Kai Cai
62213	A New Constructed Wetland—Stable Surface Flow Wetland	Wang Cheng-duan

PaperID	Paper Title	Author
62248	The Electrochemical Degradation of Sunset Yellow on FTO	Yi-ting Chen
62253	The New Method of Pulping Waste Liquor Treatment and the Application of Biotransformation Product in Vegetable Cultivation	Zongzheng Yang
62254	Adsorption of congo red by cross-linked chitosan film	Tao Feng
62270	N-doped TiO <sub>2</sub> from NH <sub>4</sub> Cl for Photodecomposition of Rhodamine B under Sunlight Irradiation	Jiafeng Wan
62277	Degradation of 4-chlorophenol simulated bio-chemical effluent from coal gasification industry by catalytic ozonation	Lili Qi
62290	Dye decolorization and dissolved oxygen properties of sodium alginate/carbon nanotubes microsphere	Fang-Chang Tsai
62302	Application of High Efficiency Inorganic Adsorbent Bentonite on Removal of Ni(II) from aqueous solutions	Xiao Jiao Yu
62313	Decolorization of Azo Dyes by Hydroponically grown sunflowers ( <i>Helianthus annuus</i> L.)	Huicheng Xie
62318	Optimum Condition for Magnetic Coagulation Treatment Of Municipal Sewer Overflow	Mingfei Duan
62368	Study on characteristics of Cr(III) removal by fly ash in aqueous solution	Chunhui Fan
62396	Influence of Treated Oil-field Wastewater on Water Environment in Constructed Wetlands of Cold District	Minghui Chen
62405	The Biosorption of Strontium by Immobilized <i>Saccharomyces cerevisiae</i> cells under culture conditions	Mingxue Liu
62408	Effect of Cu substitution on Ni-Zn ferrite by microwave hydrothermal method	Dan Chen
62465	The Experimental Research on Oxidized Alloy Consolidated to Remove Phosphate from Wastewater	Yan-bing Liu
62496	Biosorption of cadmium from aqueous solution onto tea industry-waste	Hongxiang Lu
62511	Prediction Map Helping to Improve the Pesticides Monitoring Efficiency in the Netherlands	Hua Pan
62524	Study on the aerobic granular sludge of furfural degradation	Xiaoyong Luo
62575	Removal of heavy metals from plating wastewater by using complexation-ultrafiltration process	Linlin Hao
62582	Photocatalytic degradation of Methyl orange Using nanosized TiO <sub>2</sub> photocatalyst doped with Cerium	Juncai Lu
62628	Optimal Design and Operation of Settling Tank in Alternating Activated Sludge Process Based on 3-D Model Simulation	Peipei Li
62638	Growth, nitrogen and phosphorous accumulation of two species of plants in constructed wetlands	Xiao Liu
62641	Preparation of flotation reagent from waste cooking oil	Xiaoqing Weng
62680	Trial Production of Magnetic Separation Engineering Research	Dapeng Deng
62685	Laboratorial research on the treatment of multi-A/O process to municipal wastewater	Huifang Dong
62695	Removing phosphorus and nitrogen from municipal wastewater using a algae biofilm reactor	Lizhen Xing

PaperID	Paper Title	Author
62705	Degradation of Phenol by Heterogeneous Fenton Reaction Using Fe <sub>2</sub> O <sub>3</sub> /γ-Al <sub>2</sub> O <sub>3</sub> Catalyst	Jiafeng Wan
62723	Removal of Pollutants from water by Nano-scale MgO particles: Feasibility and Disadvantage	Yi An
62752	Preparation and Effect on the Coal Slime Water of Poly-ferric-aluminum-silicate-sulfate	Xingjian Ren
62756	Comparison of Biological Activated Carbon filters immobilized by different-source bacteria	Yanchun Hou
62761	Effects of Natural Solid Carbon Source on Advanced Treatment of Secondary Effluent in Subsurface-flow Constructed Wetland	Liu Zhang
62808	The influence of aeration on the determination of critical flux in a membrane bioreactor (MBR)	Jun-jie Tao
62820	Reclaimed water treated with Ozone-Biological Activated Carbon	Jian-min Li
62826	Pilot study on hybrid biological filter-coagulation-submerged ultrafiltration membrane for drinking water treatment	Wei Zhang
62831	The characteristics of membrane fouling in membrane bioreactor (MBR) operated at sub-critical flux	Jun-jie Tao
62853	Online automatic monitoring of trace amounts of zinc in environmental water	Liang Wei
62863	Effect of Recirculation Rate on Nitrogen Removal in CASS Process	Ying Li
62877	Degradation of Methidathion by UV-Fenton and Solar-Fenton Processes	Xiangjuan Ma
62916	Degradation of Furfural by UV/O <sub>3</sub> /H <sub>2</sub> O <sub>2</sub> Technology	Xiaojian Tang
62917	Photocatalytic degradation of Rhodamine B by BiOX (X=Cl, Br, I) microspheres	Jian Xu
62944	Development of a 6 plex PCR for simultaneous detection of Salmonella Enteritidis and shiga toxin-producing Escherichia coli O157	Yuexia Wang
63053	Phosphorus Adsorbability on Five Kinds of Silicate Substrates	Jingqing Gao
63058	Trimetallic catalysts for continuous catalytic oxidation of aqueous phenol	Wenzhao Chen
63120	Photocatalytic degradation of direct sky blue 5B using AgCl as a photocatalyst in an aqueous	Yan Liu
63137	Study on Characteristics of Sludge Mixed Liquor and Microbial Population Succession in Membrane Bioreactor without Sludge Purge	Yajuan Xing
63138	Effect of Organic Loading on Membrane Fouling in Membrane Bioreactor for Berberine Pharmaceutical Wastewater Treatment	Guanglei Qiu
63147	Screening and Application of a Biofloculant Produced by Galactomyces sp.	Yingxin Wan
63150	Kinetics of Wet Air Oxidation of Fosfomycin Pharmaceutical Wastewater	Guanglei Qiu
63169	Test of Treating Oily Wastewater for Reinjection with Microfiltration Equipment	Liguo Wang
63186	A Study of Treating Saline CMC Process Wastewater at Full Scale with a Combination of MBBR+MBR	Yeqing Pei
63230	Study on combined technology of biofiltration, flocculation and membrane in treatment of paper mill waste water	Zhaoqing Lu
63291	The Investigation on Remote Monitoring System of Well-Water Quality Based on GPRS	Jie Liu

PaperID	Paper Title	Author
63296	Cr(III) Removal with Fly Ash Modified by Hydrochloric Acid	Chunhui Fan
63298	Effect of Several Oxidants on the Growth of <i>Microcystis aeruginosa</i>	Linan Zhu
63307	Decompression-dehydration-drying system for the recycling and reuse of high-concentration wastewater	Ruili Li
63327	Studies on the removal of Cd(II) using modified chitosan resins	Hui Cang
63339	Evaluation of nitrogen and phosphate removal in full-scale modified A2/O process	Zhiquan Yang
63359	Study on municipal wastewater treatment using Biological Aerated Filter with pre-denitrification	Zhengrong Jian
63397	The Effect of Colority, Cyanide and Chloride of The Different Dosage $\gamma$ Ray	Feng Guo
63402	Preparation and characterization of a Pt/AC catalyst	Darui Jin
63412	Experimental Study of Self-Excited Oscillation Pulsed Jet Aerator	Xiaogang Deng
63434	Purification of Riparian Sward-buffer on Agricultural Runoff Pollutant	Hao Tang
63441	Deeply Treatment of Dyeing Wastewater	Xianqiu Zhang
63453	The Technology Research of Water Quality Monitoring System Using Remote Sensing in Lakes	Xuemei Ma
63534	Remove Efficiency of the Folds Stable Surface Flow Wetland at the Different Substrate Depths	Haixia Fu
63548	TMDL Assessment for Tiaoxi River in Tai Lake Watershed	Yang Luo
63569	Photocatalytic Degradation of Organic Pollutant in Water by Iron Doped Mesoporous TiO <sub>2</sub> Prepared via Modified Sol-gel Process	Shaosheng Hu
63587	Study on the adsorption properties of Cu <sup>2+</sup> on gelatin microspheres	Xuechuan Wang
63592	Occurrence and fate of heavy metals in the biological wastewater treatment plant	Qingxue Li
63596	Activated carbon adsorption technology for the advanced treatment of municipal secondary effluent	Qingxue Li
63606	Formation and properties of aerobic granular sludge in a continuous airlift fluidized bed	Shuangshi Dong
63628	Effects of cultivation conditions on growth of <i>Rhodospseudomonas palustris</i> isolated from aquaculture wastewater	Zhiping Fan
63665	Research on Sediment Movement Model and Sediment Pollution Load Model in Combined Sewer	Jianhua Jin
63728	Research on hexavalent chromium removal from wastewater by gas quenching steel slag	Jun-guo Li
63741	Determination of Anilines in Water Samples Using Ionic Liquid-Based Single Drop Micro-extraction Coupled with High Performance Liquid Chromatography	Cui Qin Wu
63835	Influences of hydraulic conditions on coagulation effect of polyaluminium chloride (PAC)	Hairong Mi
63874	Study on Determination of Trace Cobalt (II) with DBHPF by Flow Injection Mixture-Solubilized Spectrophotometry	Hua Li
63901	A novel air-purification method for making dissolved gases in water	Sujuan Hao

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<b>PaperID</b>	<b>Paper Title</b>	<b>Author</b>
63906	Methodology of Basin Integrated Wastewater Treatment System Planning Based on Water Quality Objective---A Case Study in Beijing Nanshahe River	Hongtao Ma
62261	Research on Facilitation of Biodegradation for Azo Dye Wastewater by Bioelectrochemical Technology	Yuhua Zhao
63281	Adsorption of Reactive Brilliant Red K-2BP from Aqueous Solutions by Expanded Graphite	Yuan Ye

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# Part V Instructions for Presentations

## Oral Presentation

Devices Provided by the Conference Organizer:

- Laptops (with MS-Office & Adobe Reader)
- Projectors & Screen
- Laser Sticks

Materials Provided by the Presenters:

- PowerPoint or PDF files

Duration of each Presentation (Tentatively):

- Regular Oral Session: 15 Minutes of Presentation, 5 Minutes of Q&A
- Plenary Speech: 35 Minutes of Presentation, 5 Minutes of Q&A

## Poster Presentation

Materials Provided by the Conference Organizer:

- X Racks & Base Fabric Canvases (60cm × 160cm, see the figure below)
- Adhesive Tapes or Clamps

Materials Provided by the Presenters:

- Home-made Posters

Requirement for the Posters:

- Material: not limited, can be posted on the Canvases
- Size: smaller than 60cm × 160cm
- Content: for demonstration of the presenter's paper

Requirement for the Presenters:

- Stand beside his (her) Poster through the Session, and discuss with the readers about his (her) paper



# Part VI Hotel Information

## About Hotel

*Optics Valley Kingdom Plaza, Wuhan* centrally located in the heart of Optics Valley, Wuhan, China, with the beautiful East lake Scenic Spot and Desheng Mountain. Situated on landscape road of East Lake, it will become another landmark at the bank of East Lake.



**Address:** No.1 Wujiawan, Hongshan, Wuhan, Hubei, P.R.China

**URL:** <http://www.kingdomhotel.net/5stars/index.htm>

**Tel:** +86 27 87887788

**Fax:** +86 27 87881188

**E-mail:** [kingdomplaza@whkingdom.com](mailto:kingdomplaza@whkingdom.com)

## How to Get to the Hotel

Tian He Airport: 45km, 90 minutes ride

Railway Station: 8km, 30minutes ride

**(The above traffic information is for your reference only)**



For non-Chinese author, please show the following picture to the driver if you are taking a taxi:

请送我到:

湖北省武汉市洪山区吴家湾特1号 武汉光谷金盾大酒店

**Please take me to:**

Optics Valley Kingdom Plaza, Wuhan

No.1 Wujiawan, Hongshan, Wuhan, Hubei, P.R.China

## Part VII Tourism Information

### Schedule:

8:00 Meet the travel agency

8:30-9:45 **Wuhan University** -is widely known for its most beautiful campus in China with more than one hundred years of history. The university has rolling physical features with the scenic LuoJia Hill and the beautiful East Lake by its side. Wuhan University is directly under the ministry of education key comprehensive university, as well as the national 985 project and 211 project key construction university.

10:00-11:40 **East Lake** -is China's largest lake within a city. The lake covers 33 square kilometers and stretches far into the distance. Ancient pagodas and temples scattered in 34 verdant hills around the lake make the scenic spot more historic and imposing. You'll enjoy yourself in Tingtao Pavilion and Moshan Hill.

12:00-13:00 Lunch

13:00-15:00 **Hubei Provincial Museum** -holds more than 20 million pieces of cultural relics, including class A heritage 640 (sets), national treasure 16 (sets). It exhibits pottery, porcelain, bronze ware, Qimu, Bamboo Slips, ancient musical instruments, ancient scroll, bronze sword of Gou Jian (King of Yue), spears and bronze carvings of King Fu Chai and so on, which are of high historical, scientific and artistic value.

15:00-17:00 **The River Beach Park ("Jiangtan Gongyuan" in Chinese)** - is located along the Changjiang River in Wuhan. It is divided into three areas: Sightseeing Area, Center Square Area, Relaxation Activity Area. There are green trees, beautiful flowers, statues and sculptures in the park. It is a good place for the people to come for relaxation. The following destination is **Pedestrian Street of Jiangnan Road**, which is a famous business road with more than a hundred years of history.

**Wish you a pleasant trip in Wuhan!**

## Contact Us

### Organizing Committee

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# Notes