

Xiaochang C Wang

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6621965/xiaochang-c-wang-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

243
papers

7,993
citations

41
h-index

81
g-index

251
ext. papers

10,005
ext. citations

8.6
avg, IF

6.6
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 243 | A comprehensive assessment of fungi in urban sewer biofilms: Community structure, environmental factors, and symbiosis patterns. <i>Science of the Total Environment</i> , 2022 , 806, 150728 | 10.2 | 0 |
| 242 | Mutual-activation between Zero-Valent iron and graphitic carbon for Cr(VI) Removal: Mechanism and inhibition of inherent Side-reaction. <i>Journal of Colloid and Interface Science</i> , 2022 , 608, 588-598 | 9.3 | 1 |
| 241 | Stereoselective degradation pathway of amide chiral herbicides and its impacts on plant and bacterial communities in integrated vertical flow constructed wetlands.. <i>Bioresource Technology</i> , 2022 , 351, 126997 | 11 | 0 |
| 240 | Hospital sewage treatment facilities witness the fighting against the COVID-19 pandemic.. <i>Journal of Environmental Management</i> , 2022 , 309, 114728 | 7.9 | 0 |
| 239 | Numerical simulation for spatial distribution of water aerosol produced from nozzle spray and health risk related to Legionella pneumophila in spray scenarios.. <i>Water Research</i> , 2022 , 216, 118304 | 12.5 | |
| 238 | Metabolic hazards of pharmaceuticals and personal care products (PPCPs) in sewers.. <i>Journal of Hazardous Materials</i> , 2022 , 432, 128539 | 12.8 | 1 |
| 237 | Evaluating the oxidation inhibition of sulfide in urban sewers using a novel quantitative method.. <i>Chemosphere</i> , 2022 , 296, 133958 | 8.4 | |
| 236 | Gravity-driven high flux filtration behavior and microbial community of an integrated granular activated carbon and dynamic membrane bioreactor for domestic wastewater treatment.. <i>Science of the Total Environment</i> , 2022 , 153930 | 10.2 | 0 |
| 235 | Characteristics of dissolved ozone flotation for the enhanced treatment of bio-treated drilling wastewater from a gas field.. <i>Chemosphere</i> , 2022 , 134290 | 8.4 | 0 |
| 234 | Electro-dissolved ozone flotation (E-DOF) integrated anoxic/oxic membrane reactor for leachate treatment from a waste transfer station.. <i>Environmental Science and Pollution Research</i> , 2022 , 1 | 5.1 | 0 |
| 233 | Microbial community and carbon-nitrogen metabolism pathways in integrated vertical flow constructed wetlands treating wastewater containing antibiotics.. <i>Bioresource Technology</i> , 2022 , 127217 ^{T1} | | 0 |
| 232 | Study of the joint action of multi-component mixtures based on parameter characterizing the shape difference of concentration-response curves. <i>Environmental Pollution</i> , 2021 , 293, 118486 | 9.3 | 0 |
| 231 | Enhanced methane production coupled with livestock wastewater treatment using anaerobic membrane bioreactor: Performance and membrane filtration properties. <i>Bioresource Technology</i> , 2021 , 345, 126470 | 11 | 0 |
| 230 | Assessing the performance of coral reef-like floc towards the removal of low molecular weight organic contaminant.. <i>Science of the Total Environment</i> , 2021 , 811, 152413 | 10.2 | 0 |
| 229 | Calcium ions-effect on performance, growth and extracellular nature of microalgal-bacterial symbiosis system treating wastewater. <i>Environmental Research</i> , 2021 , 112228 | 7.9 | 8 |
| 228 | Phytoremediation mechanisms and plant eco-physiological response to microorganic contaminants in integrated vertical-flow constructed wetlands. <i>Journal of Hazardous Materials</i> , 2021 , 424, 127611 | 12.8 | 3 |
| 227 | Partial-nitrification of low-strength anaerobic effluent: A moderate-high dissolved oxygen concentration facilitates ammonia-oxidizing bacteria disinhibition and nitrite-oxidizing bacteria suppression. <i>Science of the Total Environment</i> , 2021 , 770, 145337 | 10.2 | 9 |

| | | | |
|-----|--|------|----|
| 226 | Biochar addition supports high digestion performance and low membrane fouling rate in an anaerobic membrane bioreactor under low temperatures. <i>Bioresource Technology</i> , 2021 , 330, 124966 | 11 | 16 |
| 225 | Prediction of the joint action of binary mixtures based on characteristic parameter k_{BC} from concentration-response curves. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 215, 112155 | 7 | 3 |
| 224 | Characterization of dissolved organic matter and carbon release from wetland plants for enhanced nitrogen removal in constructed wetlands for low C-N wastewater treatment. <i>Chemosphere</i> , 2021 , 273, 129630 | 8.4 | 7 |
| 223 | Role of extracellular polymeric substances on nutrients storage and transfer in algal-bacteria symbiosis sludge system treating wastewater. <i>Bioresource Technology</i> , 2021 , 331, 125010 | 11 | 16 |
| 222 | Biochar and GAC intensify anaerobic phenol degradation via distinctive adsorption and conductive properties. <i>Journal of Hazardous Materials</i> , 2021 , 405, 124183 | 12.8 | 18 |
| 221 | Insight into nitrogen and phosphorus coupling effects on mixotrophic <i>Chlorella vulgaris</i> growth under stably controlled nutrient conditions. <i>Science of the Total Environment</i> , 2021 , 752, 141747 | 10.2 | 11 |
| 220 | Characterization of pre-concentrated domestic wastewater toward efficient bioenergy recovery: Applying size fractionation, chemical composition and biomethane potential assay. <i>Bioresource Technology</i> , 2021 , 319, 124144 | 11 | 6 |
| 219 | Sunlight-induced changes in naturally stored reclaimed water: Dissolved organic matter, micropollutant, and ecotoxicity. <i>Science of the Total Environment</i> , 2021 , 753, 141768 | 10.2 | 3 |
| 218 | Solid-state synthesis of cobalt ferrite fitted with Fe_2O_3 -containing nanocage for peroxymonosulfate activation and cobalt leaching control. <i>Chemical Engineering Journal</i> , 2021 , 405, 126994 | 14.7 | 9 |
| 217 | Insight into the effect of pH-adjusted acid on thermodynamic properties and crystallization sequence during evaporative-crystallization process of hydrolyzed urine. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 28507-28517 | 5.1 | |
| 216 | Exposure parameters and health risk of <i>Cryptosporidium</i> and <i>Giardia</i> in the recreational water activities for urban residents in China. <i>Environmental Science and Pollution Research</i> , 2021 , 1 | 5.1 | 1 |
| 215 | Micropollutants and biological effects as control indexes for the operation and design of shallow open-water unit ponds to polish domestic effluent. <i>Journal of Hazardous Materials</i> , 2021 , 418, 126306 | 12.8 | 1 |
| 214 | Characterization and biogeochemical implications of dissolved organic matter in aquatic environments. <i>Journal of Environmental Management</i> , 2021 , 294, 113041 | 7.9 | 3 |
| 213 | Enhanced complexation of humic acids: Homogenization of protonated groups in the hybrid ozonation-coagulation process. <i>Chemosphere</i> , 2021 , 280, 130647 | 8.4 | 6 |
| 212 | Insights into the electro-hybrid ozonation-coagulation process-Significance of connection configurations and electrode types. <i>Water Research</i> , 2021 , 204, 117600 | 12.5 | 3 |
| 211 | Bamboo charcoal enhances cellulase and urease activities during chicken manure composting: Roles of the bacterial community and metabolic functions. <i>Journal of Environmental Sciences</i> , 2021 , 108, 84-95 | 6.4 | 11 |
| 210 | Behaviour of ozone in the hybrid ozonation-coagulation (HOC) process for ibuprofen removal: Reaction selectivity and effects on coagulant hydrolysis. <i>Science of the Total Environment</i> , 2021 , 794, 148685 | 10.2 | 3 |
| 209 | Environmental risk assessment by using disability adjusted life year via constructing of a generalized linear model for morbidity estimation of waterborne pathogens. <i>Journal of Environmental Management</i> , 2021 , 299, 113566 | 7.9 | |

| | | | |
|-----|--|------|----|
| 208 | Research progress and prospects for using biochar to mitigate greenhouse gas emissions during composting: A review. <i>Science of the Total Environment</i> , 2021 , 798, 149294 | 10.2 | 19 |
| 207 | Enhanced nitrogen removal by partial nitrification-anammox process with a novel high-frequency micro-aeration (HFMA) mode: Metabolic interactions among functional bacteria. <i>Bioresource Technology</i> , 2021 , 342, 125917 | 11 | 0 |
| 206 | Practices of Sponge City Construction in China 2021 , 283-324 | | |
| 205 | Bioaerosol in a typical municipal wastewater treatment plant: concentration, size distribution, and health risk assessment. <i>Water Science and Technology</i> , 2020 , 82, 1547-1559 | 2.2 | 11 |
| 204 | Investigation and assessment of micropollutants and associated biological effects in wastewater treatment processes. <i>Journal of Environmental Sciences</i> , 2020 , 94, 119-127 | 6.4 | 4 |
| 203 | A novel index for assessing the water quality of urban landscape lakes based on water transparency. <i>Science of the Total Environment</i> , 2020 , 735, 139351 | 10.2 | 12 |
| 202 | Bacterial viability and diversity in a landscape lake replenished with reclaimed water: a case study in Xi'an, China. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 32796-32808 | 5.1 | 3 |
| 201 | Application of a specific membrane fouling control enhancer in membrane bioreactor for real municipal wastewater treatment: Sludge characteristics and microbial community. <i>Bioresource Technology</i> , 2020 , 312, 123612 | 11 | 15 |
| 200 | Characteristics of flow regime adjustment enhancing carbon source recovery in activated primary sedimentation tank. <i>Chemosphere</i> , 2020 , 251, 126405 | 8.4 | 1 |
| 199 | Size distributions and heavy metal pollution of urban road-deposited sediments (RDS) related to traffic types. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 34199-34210 | 5.1 | 6 |
| 198 | Zero-valent iron addition in anaerobic dynamic membrane bioreactors for pre-concentrated wastewater treatment: Performance and impact. <i>Science of the Total Environment</i> , 2020 , 742, 140687 | 10.2 | 12 |
| 197 | Symbiosis of sulfate-reducing bacteria and methanogenic archaea in sewer systems. <i>Environment International</i> , 2020 , 143, 105923 | 12.9 | 14 |
| 196 | A review on facilitating bio-wastes degradation and energy recovery efficiencies in anaerobic digestion systems with biochar amendment. <i>Bioresource Technology</i> , 2020 , 314, 123777 | 11 | 18 |
| 195 | Cosubstrate strategy for enhancing lignocellulose degradation during rumen fermentation in vitro: Characteristics and microorganism composition. <i>Chemosphere</i> , 2020 , 250, 126104 | 8.4 | 11 |
| 194 | Persistent action of cow rumen microorganisms in enhancing biodegradation of wheat straw by rumen fermentation. <i>Science of the Total Environment</i> , 2020 , 715, 136529 | 10.2 | 19 |
| 193 | Zero-valent iron enhanced anaerobic digestion of pre-concentrated domestic wastewater for bioenergy recovery: Characteristics and mechanisms. <i>Bioresource Technology</i> , 2020 , 310, 123441 | 11 | 17 |
| 192 | Anaerobic dynamic membrane bioreactors (AnDMBRs) for wastewater treatment 2020 , 259-281 | | |
| 191 | Stable and high-rate anaerobic co-digestion of food waste and cow manure: Optimisation of start-up conditions. <i>Bioresource Technology</i> , 2020 , 307, 123195 | 11 | 16 |

| | | | |
|-----|--|------|----|
| 190 | Towards a comparison between the hybrid ozonation-coagulation (HOC) process using Al- and Fe-based coagulants: Performance and mechanism. <i>Chemosphere</i> , 2020 , 253, 126625 | 8.4 | 10 |
| 189 | The role of synergistic effects between ozone and coagulants (SOC) in the electro-hybrid ozonation-coagulation process. <i>Water Research</i> , 2020 , 177, 115800 | 12.5 | 15 |
| 188 | A new model framework for sponge city implementation: Emerging challenges and future developments. <i>Journal of Environmental Management</i> , 2020 , 253, 109689 | 7.9 | 32 |
| 187 | Redox-based electron exchange capacity of biowaste-derived biochar accelerates syntrophic phenol oxidation for methanogenesis via direct interspecies electron transfer. <i>Journal of Hazardous Materials</i> , 2020 , 390, 121726 | 12.8 | 45 |
| 186 | Current status and characteristics of urban landscape lakes in China. <i>Science of the Total Environment</i> , 2020 , 712, 135669 | 10.2 | 10 |
| 185 | Integrating stereo-elastic packing into ecological floating bed for enhanced denitrification in landscape water. <i>Bioresource Technology</i> , 2020 , 299, 122601 | 11 | 21 |
| 184 | Source-Associated Gastroenteritis Risk from Swimming Exposure to Aging Fecal Pathogens. <i>Environmental Science & Technology</i> , 2020 , 54, 921-929 | 10.3 | 7 |
| 183 | Redox-active biochar facilitates potential electron transfer between syntrophic partners to enhance anaerobic digestion under high organic loading rate. <i>Bioresource Technology</i> , 2020 , 298, 122524 | 11 | 37 |
| 182 | Roles of nxrA-like oxidizers and nirS-like reducers in nitrite conversion during swine manure composting. <i>Bioresource Technology</i> , 2020 , 297, 122426 | 11 | 17 |
| 181 | Mechanism of microbial metabolic responses and ecological system conversion under different nitrogen conditions in sewers. <i>Water Research</i> , 2020 , 186, 116312 | 12.5 | 10 |
| 180 | A comparative study of artificial cow and sheep rumen fermentation of corn straw and food waste: Batch and continuous operation. <i>Science of the Total Environment</i> , 2020 , 745, 140731 | 10.2 | 7 |
| 179 | Acclimatization of anaerobic sludge with cow manure and realization of high-rate food waste digestion for biogas production. <i>Bioresource Technology</i> , 2020 , 315, 123830 | 11 | 13 |
| 178 | Removal of trace organic pollutants (pharmaceuticals and pesticides) and reduction of biological effects from secondary effluent by typical granular activated carbon. <i>Science of the Total Environment</i> , 2020 , 749, 141611 | 10.2 | 16 |
| 177 | Effects of long-term acclimatization on the optimum substrate mixture ratio and substrate to inoculum ratio in anaerobic codigestion of food waste and cow manure. <i>Bioresource Technology</i> , 2020 , 317, 123994 | 11 | 12 |
| 176 | Effects of plants competition on critical bacteria selection and pollutants dynamics in a long-term polyculture constructed wetland. <i>Bioresource Technology</i> , 2020 , 316, 123927 | 11 | 9 |
| 175 | Impacts of key factors on heavy metal accumulation in urban road-deposited sediments (RDS): Implications for RDS management. <i>Chemosphere</i> , 2020 , 261, 127786 | 8.4 | 5 |
| 174 | Investigating the origins of acute and long-term toxicity posed by municipal wastewater using fractionation. <i>Environmental Technology (United Kingdom)</i> , 2020 , 41, 2350-2359 | 2.6 | 2 |
| 173 | Cow manure as additive to a DMBR for stable and high-rate digestion of food waste: Performance and microbial community. <i>Water Research</i> , 2020 , 168, 115099 | 12.5 | 27 |

| | | | |
|-----|---|------|----|
| 172 | Enhancing nitrogen removal from wastewater in sequencing batch reactors (SBRs) using additional carbon source produced from food waste acidogenic fermentation at different temperatures. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 34645-34657 | 5.1 | 1 |
| 171 | Characterization and evolution of antibiotic resistance of Salmonella in municipal wastewater treatment plants. <i>Journal of Environmental Management</i> , 2019 , 251, 109547 | 7.9 | 19 |
| 170 | Characteristics of external carbon uptake by microalgae growth and associated effects on algal biomass composition. <i>Bioresource Technology</i> , 2019 , 292, 121887 | 11 | 19 |
| 169 | Revisiting the effects of powdered activated carbon on membrane fouling mitigation in an anaerobic membrane bioreactor by evaluating long-term impacts on the surface layer. <i>Water Research</i> , 2019 , 167, 115137 | 12.5 | 27 |
| 168 | Role of Al-based coagulants on a hybrid ozonation-coagulation (HOC) process for WWTP effluent organic matter and ibuprofen removal. <i>Environmental Science: Water Research and Technology</i> , 2019 , 5, 599-608 | 4.2 | 2 |
| 167 | Effects of rhamnolipid and Tween-80 on cellulase activities and metabolic functions of the bacterial community during chicken manure composting. <i>Bioresource Technology</i> , 2019 , 288, 121507 | 11 | 64 |
| 166 | The treatability of trace organic pollutants in WWTP effluent and associated biotoxicity reduction by advanced treatment processes for effluent quality improvement. <i>Water Research</i> , 2019 , 159, 423-433 | 12.5 | 24 |
| 165 | Preferential binding properties of carboxyl and hydroxyl groups with aluminium salts for humic acid removal. <i>Chemosphere</i> , 2019 , 234, 478-487 | 8.4 | 21 |
| 164 | Characterization of microbial evolution in high-solids methanogenic co-digestion of canned coffee processing wastewater and waste activated sludge by an anaerobic membrane bioreactor. <i>Journal of Cleaner Production</i> , 2019 , 232, 1442-1451 | 10.3 | 13 |
| 163 | Applying a dynamic membrane filtration (DMF) process for domestic wastewater preconcentration: Organics recovery and bioenergy production potential analysis. <i>Science of the Total Environment</i> , 2019 , 680, 35-43 | 10.2 | 20 |
| 162 | Mechanism of the hybrid ozonation-coagulation (HOC) process: Comparison of preformed Al polymer and in situ formed Al species. <i>Chemosphere</i> , 2019 , 229, 262-272 | 8.4 | 14 |
| 161 | Attenuation of BPA degradation by SO ₄ ²⁻ in a system of peroxymonosulfate coupled with Mn/Fe MOF-templated catalysts and its synergism with Cl ⁻ and bicarbonate. <i>Chemical Engineering Journal</i> , 2019 , 372, 605-615 | 14.7 | 80 |
| 160 | Application of a hybrid gravity-driven membrane filtration and dissolved ozone flotation (MDOF) process for wastewater reclamation and membrane fouling mitigation. <i>Journal of Environmental Sciences</i> , 2019 , 81, 17-27 | 6.4 | 12 |
| 159 | Speciation, Distribution and Risk Assessment of Metals in Sediments from a Water Body Replenished by Effluent from a Wastewater Treatment Plant. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019 , 102, 525-530 | 2.7 | 3 |
| 158 | Thermodynamic prediction and experimental investigation of short-term dynamic membrane formation in dynamic membrane bioreactors: Effects of sludge properties. <i>Journal of Environmental Sciences</i> , 2019 , 77, 85-96 | 6.4 | 10 |
| 157 | Tracking the reactivity of ozonation towards effluent organic matters from WWTP using two-dimensional correlation spectra. <i>Journal of Environmental Sciences</i> , 2019 , 76, 289-298 | 6.4 | 12 |
| 156 | Superposition effect of floating and fixed beds in series for enhancing nitrogen and phosphorus removal in a multistage pond system. <i>Science of the Total Environment</i> , 2019 , 695, 133678 | 10.2 | 5 |
| 155 | Bioretention cell incorporating Fe-biochar and saturated zones for enhanced stormwater runoff treatment. <i>Chemosphere</i> , 2019 , 237, 124424 | 8.4 | 41 |

| | | | |
|-----|---|------|-----|
| 154 | Effect of additional food waste slurry generated by mesophilic acidogenic fermentation on nutrient removal and sludge properties during wastewater treatment. <i>Bioresource Technology</i> , 2019 , 294, 122218 ¹¹ | 11 | 12 |
| 153 | Fecal Source Tracking in A Wastewater Treatment and Reclamation System Using Multiple Waterborne Gastroenteritis Viruses. <i>Pathogens</i> , 2019 , 8, | 4.5 | 5 |
| 152 | Hydrogen production from acidogenic food waste fermentation using untreated inoculum: Effect of substrate concentrations. <i>International Journal of Hydrogen Energy</i> , 2019 , 44, 27272-27284 | 6.7 | 20 |
| 151 | Significance of B-site cobalt on bisphenol A degradation by MOFs-templated CoFe ₃ O ₄ catalysts and its severe attenuation by excessive cobalt-rich phase. <i>Chemical Engineering Journal</i> , 2019 , 359, 552-563 ^{14,7} | 14.7 | 24 |
| 150 | Transferral of HMs pollution from road-deposited sediments to stormwater runoff during transport processes. <i>Frontiers of Environmental Science and Engineering</i> , 2019 , 13, 1 | 5.8 | 11 |
| 149 | Synergistic effects of various in situ hydrolyzed aluminum species for the removal of humic acid. <i>Water Research</i> , 2019 , 148, 106-114 | 12.5 | 33 |
| 148 | Implementation of a specific urban water management - Sponge City. <i>Science of the Total Environment</i> , 2019 , 652, 147-162 | 10.2 | 138 |
| 147 | Sawdust-Derived Biochar Much Mitigates VFAs Accumulation and Improves Microbial Activities To Enhance Methane Production in Thermophilic Anaerobic Digestion. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 2141-2150 | 8.3 | 40 |
| 146 | A novel index of total oxygen demand for the comprehensive evaluation of energy consumption for urban wastewater treatment. <i>Applied Energy</i> , 2019 , 236, 253-261 | 10.7 | 25 |
| 145 | Nutrients removal performance and sludge properties using anaerobic fermentation slurry from food waste as an external carbon source for wastewater treatment. <i>Bioresource Technology</i> , 2019 , 271, 125-135 | 11 | 45 |
| 144 | Dynamic membrane bioreactor performance enhancement by powdered activated carbon addition: Evaluation of sludge morphological, aggregative and microbial properties. <i>Journal of Environmental Sciences</i> , 2019 , 75, 73-83 | 6.4 | 13 |
| 143 | Replenishment of landscape water with reclaimed water: Optimization of supply scheme using transparency as an indicator. <i>Ecological Indicators</i> , 2018 , 88, 503-511 | 5.8 | 18 |
| 142 | Responses of microbial capacity and community on the performance of mesophilic co-digestion of food waste and waste activated sludge in a high-frequency feeding CSTR. <i>Bioresource Technology</i> , 2018 , 260, 85-94 | 11 | 19 |
| 141 | Nitrogen removal enhancement using lactic acid fermentation products from food waste as external carbon sources: Performance and microbial communities. <i>Bioresource Technology</i> , 2018 , 256, 259-268 | 11 | 38 |
| 140 | Construction of a Dose-Illness Relationship via Modeling Morbidity and Application to Risk Assessment of Wastewater Reuse. <i>Risk Analysis</i> , 2018 , 38, 1672-1684 | 3.9 | 1 |
| 139 | Development of an indicator for characterizing particle size distribution and quality of stormwater runoff. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 7991-8001 | 5.1 | 6 |
| 138 | Co-Variation between Distribution of Microbial Communities and Biological Metabolization of Organics in Urban Sewer Systems. <i>Environmental Science & Technology</i> , 2018 , 52, 1270-1279 | 10.3 | 38 |
| 137 | Micropollutants removal and health risk reduction in a water reclamation and ecological reuse system. <i>Water Research</i> , 2018 , 138, 272-281 | 12.5 | 45 |

| | | | |
|-----|--|------|-----|
| 136 | Strategies for the stable performance and rapid inhibition recovery of a thermophilic digester treating coffee wastes and the synergistic effects of microbes. <i>International Biodeterioration and Biodegradation</i> , 2018 , 132, 114-121 | 4.8 | 6 |
| 135 | On the risks from sediment and overlying water by replenishing urban landscape ponds with reclaimed wastewater. <i>Environmental Pollution</i> , 2018 , 236, 488-497 | 9.3 | 17 |
| 134 | Functional evaluation of pollutant transformation in sediment from combined sewer system. <i>Environmental Pollution</i> , 2018 , 238, 85-93 | 9.3 | 20 |
| 133 | Two-dimensional correlation spectroscopic analysis on the interaction between humic acids and aluminum coagulant. <i>Journal of Environmental Sciences</i> , 2018 , 64, 181-189 | 6.4 | 20 |
| 132 | Mechanisms of ultraviolet disinfection and chlorination of Escherichia coli: Culturability, membrane permeability, metabolism, and genetic damage. <i>Journal of Environmental Sciences</i> , 2018 , 65, 356-366 | 6.4 | 51 |
| 131 | Camellia oleifera shell as an alternative feedstock for furfural production using a high surface acidity solid acid catalyst. <i>Bioresource Technology</i> , 2018 , 249, 536-541 | 11 | 42 |
| 130 | Anaerobic dynamic membrane bioreactor (AnDMBR) for wastewater treatment: A review. <i>Bioresource Technology</i> , 2018 , 247, 1107-1118 | 11 | 79 |
| 129 | Well-defined strategy for development of adsorbent using metal organic frameworks (MOF) template for high performance removal of hexavalent chromium. <i>Applied Surface Science</i> , 2018 , 457, 1208-1217 | 6.7 | 34 |
| 128 | Relationship between phytoplankton community and environmental factors in landscape water with high salinity in a coastal city of China. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 28460-28470 | 5.1 | 10 |
| 127 | MOF-templated synthesis of CoFe ₂ O ₄ nanocrystals and its coupling with peroxymonosulfate for degradation of bisphenol A. <i>Chemical Engineering Journal</i> , 2018 , 353, 329-339 | 14.7 | 177 |
| 126 | Application of anaerobic membrane bioreactors to municipal wastewater treatment at ambient temperature: A review of achievements, challenges, and perspectives. <i>Bioresource Technology</i> , 2018 , 267, 756-768 | 11 | 102 |
| 125 | Molecular characterization of long-term impacts of macrophytes harvest management in constructed wetlands. <i>Bioresource Technology</i> , 2018 , 268, 514-522 | 11 | 24 |
| 124 | Application and mechanism of nucleation-induced pelleting coagulation (NPC) in treatment of fracturing wastewater with high concentration of dissolved organic matter. <i>Chemosphere</i> , 2018 , 211, 1082-1090 | 8.4 | 4 |
| 123 | Pollutant exchange between sewage and sediment in urban sewer systems. <i>Chemical Engineering Journal</i> , 2018 , 351, 240-247 | 14.7 | 19 |
| 122 | Selective binding behavior of humic acid removal by aluminum coagulation. <i>Environmental Pollution</i> , 2018 , 233, 290-298 | 9.3 | 47 |
| 121 | Synergetic promotion of syntrophic methane production from anaerobic digestion of complex organic wastes by biochar: Performance and associated mechanisms. <i>Bioresource Technology</i> , 2018 , 250, 812-820 | 11 | 159 |
| 120 | Biochar assisted thermophilic co-digestion of food waste and waste activated sludge under high feedstock to seed sludge ratio in batch experiment. <i>Bioresource Technology</i> , 2018 , 249, 1009-1016 | 11 | 89 |
| 119 | Editorial of the IWA H2 Open Journal Disseminating research addressing 21st century water challenges to all. <i>H2Open Journal</i> , 2018 , 1, 85-86 | 1.4 | |

| | | | |
|-----|---|------|----|
| 118 | Effect of elevated benzophenone-4 (BP4) concentration on <i>Chlorella vulgaris</i> growth and cellular metabolisms. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 32549-32561 | 5.1 | 6 |
| 117 | Impacts of different biochar types on hydrogen production promotion during fermentative co-digestion of food wastes and dewatered sewage sludge. <i>Waste Management</i> , 2018 , 80, 73-80 | 8.6 | 35 |
| 116 | Psychrophilic anaerobic dynamic membrane bioreactor for domestic wastewater treatment: Effects of organic loading and sludge recycling. <i>Bioresource Technology</i> , 2018 , 270, 62-69 | 11 | 34 |
| 115 | On the effect of Fe(III) on proliferation of <i>Microcystis aeruginosa</i> at high nitrate and low chlorophyll condition. <i>Journal of Environmental Sciences</i> , 2017 , 52, 105-110 | 6.4 | 5 |
| 114 | Insight into the risk of replenishing urban landscape ponds with reclaimed wastewater. <i>Journal of Hazardous Materials</i> , 2017 , 324, 573-582 | 12.8 | 25 |
| 113 | Phosphorus removal from aqueous solution using a novel granular material developed from building waste. <i>Water Science and Technology</i> , 2017 , 75, 1500-1511 | 2.2 | 3 |
| 112 | Physicochemical conditions and properties of particles in urban runoff and rivers: Implications for runoff pollution. <i>Chemosphere</i> , 2017 , 173, 318-325 | 8.4 | 44 |
| 111 | Furfural production from biomass-derived carbohydrates and lignocellulosic residues via heterogeneous acid catalysts. <i>Industrial Crops and Products</i> , 2017 , 98, 68-75 | 5.9 | 77 |
| 110 | Effect of initial pH and pH-adjusted acid on nutrient recovery from hydrolysis urine by combining acidification with evaporation-crystallization. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 3872-3881 | 5.1 | 8 |
| 109 | Dynamic membrane-assisted fermentation of food wastes for enhancing lactic acid production. <i>Bioresource Technology</i> , 2017 , 234, 40-47 | 11 | 32 |
| 108 | Effects of loading rate and temperature on anaerobic co-digestion of food waste and waste activated sludge in a high frequency feeding system, looking in particular at stability and efficiency. <i>Bioresource Technology</i> , 2017 , 237, 231-239 | 11 | 58 |
| 107 | Validity and utility of ecological footprint accounting: A state-of-the-art review. <i>Sustainable Cities and Society</i> , 2017 , 32, 411-416 | 10.1 | 28 |
| 106 | Evaluation of ecotoxicological effects of benzophenone UV filters: Luminescent bacteria toxicity, genotoxicity and hormonal activity. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 142, 338-347 | 7 | 27 |
| 105 | Effect of pH on lactic acid production from acidogenic fermentation of food waste with different types of inocula. <i>Bioresource Technology</i> , 2017 , 224, 544-552 | 11 | 86 |
| 104 | Effects of powdered activated carbon addition on filtration performance and dynamic membrane layer properties in a hybrid DMBR process. <i>Chemical Engineering Journal</i> , 2017 , 327, 39-50 | 14.7 | 39 |
| 103 | New thermodynamic entropy calculation based approach towards quantifying the impact of eutrophication on water environment. <i>Science of the Total Environment</i> , 2017 , 603-604, 86-93 | 10.2 | 10 |
| 102 | Competitive adsorption behaviors of arsenite and fluoride onto manganese-aluminum binary adsorbents. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017 , 529, 185-194 | 5.1 | 14 |
| 101 | Applying fermentation liquid of food waste as carbon source to a pilot-scale anoxic/oxic-membrane bioreactor for enhancing nitrogen removal: Microbial communities and membrane fouling behaviour. <i>Bioresource Technology</i> , 2017 , 236, 164-173 | 11 | 43 |

| | | | |
|-----|--|------|----|
| 100 | Genetic characterization of fecal impacts of seagull migration on an urban scenery lake. <i>Water Research</i> , 2017 , 117, 27-36 | 12.5 | 10 |
| 99 | Enhanced WWTP effluent organic matter removal in hybrid ozonation-coagulation (HOC) process catalyzed by Al-based coagulant. <i>Journal of Hazardous Materials</i> , 2017 , 327, 216-224 | 12.8 | 33 |
| 98 | Variations in toxicity of semi-coking wastewater treatment processes and their toxicity prediction. <i>Ecotoxicology and Environmental Safety</i> , 2017 , 138, 163-169 | 7 | 40 |
| 97 | Nitrogen Removal From Municipal Wastewater Using a Two-Sludge Denitrification/Nitrification Batch Reactor: Performance and Mechanisms. <i>Clean - Soil, Air, Water</i> , 2017 , 45, 1700513 | 1.6 | 1 |
| 96 | Removal of arsenic(III,V) by a granular Mn-oxide-doped Al oxide adsorbent: surface characterization and performance. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 18505-18519 | 5.1 | 13 |
| 95 | Characterization of a hybrid powdered activated carbon-dynamic membrane bioreactor (PAC-DMBR) process with high flux by gravity flow: Operational performance and sludge properties. <i>Bioresource Technology</i> , 2017 , 223, 65-73 | 11 | 24 |
| 94 | Pollutant removal performance of an integrated upflow-constructed wetland filled with haydites made of Al-based drinking water treatment residuals. <i>Environmental Technology (United Kingdom)</i> , 2017 , 38, 1111-1119 | 2.6 | 5 |
| 93 | Highly selective conversion of glucose into furfural over modified zeolites. <i>Chemical Engineering Journal</i> , 2017 , 307, 868-876 | 14.7 | 63 |
| 92 | Enhanced formation of 5-HMF from glucose using a highly selective and stable SAPO-34 catalyst. <i>Chemical Engineering Journal</i> , 2017 , 307, 877-883 | 14.7 | 79 |
| 91 | Efficient catalytic system for the direct transformation of lignocellulosic biomass to furfural and 5-hydroxymethylfurfural. <i>Bioresource Technology</i> , 2017 , 224, 656-661 | 11 | 88 |
| 90 | Poly aluminum chloride (PAC) enhanced formation of aerobic granules: Coupling process between physicochemical/Biochemical effects. <i>Chemical Engineering Journal</i> , 2016 , 284, 1127-1135 | 14.7 | 38 |
| 89 | Performance of a pilot demonstration-scale hybrid constructed wetland system for on-site treatment of polluted urban river water in Northwestern China. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 447-54 | 5.1 | 15 |
| 88 | Function of a landscape lake in the reduction of biotoxicity related to trace organic chemicals from reclaimed water. <i>Journal of Hazardous Materials</i> , 2016 , 318, 663-670 | 12.8 | 20 |
| 87 | Degradation of typical antibiotics during human feces aerobic composting under different temperatures. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 15076-87 | 5.1 | 20 |
| 86 | Characteristics of simultaneous ammonium and phosphate adsorption from hydrolysis urine onto natural loess. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 2628-39 | 5.1 | 19 |
| 85 | A new activated primary tank developed for recovering carbon source and its application. <i>Bioresource Technology</i> , 2016 , 200, 722-30 | 11 | 13 |
| 84 | New insight into fouling behavior and foulants accumulation property of cake sludge in a full-scale membrane bioreactor. <i>Journal of Membrane Science</i> , 2016 , 510, 10-17 | 9.6 | 37 |
| 83 | Effects of additional fermented food wastes on nitrogen removal enhancement and sludge characteristics in a sequential batch reactor for wastewater treatment. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 12890-9 | 5.1 | 21 |

| | | | |
|----|--|------|-----|
| 82 | New functional biocarriers for enhancing the performance of a hybrid moving bed biofilm reactor-membrane bioreactor system. <i>Bioresource Technology</i> , 2016 , 208, 87-93 | 11 | 82 |
| 81 | Effects of interspecific competition on the growth of macrophytes and nutrient removal in constructed wetlands: A comparative assessment of free water surface and horizontal subsurface flow systems. <i>Bioresource Technology</i> , 2016 , 207, 134-41 | 11 | 40 |
| 80 | Phosphate adsorption performance of a novel filter substrate made from drinking water treatment residuals. <i>Journal of Environmental Sciences</i> , 2016 , 45, 191-9 | 6.4 | 15 |
| 79 | Application of disease burden to quantitative assessment of health hazards for a decentralized water reuse system. <i>Science of the Total Environment</i> , 2016 , 551-552, 83-91 | 10.2 | 8 |
| 78 | Elimination of viruses from domestic wastewater: requirements and technologies. <i>World Journal of Microbiology and Biotechnology</i> , 2016 , 32, 69 | 4.4 | 41 |
| 77 | Effects of sodium, magnesium, and calcium salts on the coagulation performance of cucurbit [8]uril for humic acid removal from synthetic seawater. <i>Desalination</i> , 2016 , 386, 77-83 | 10.3 | 10 |
| 76 | Phosphate recovery through adsorption assisted precipitation using novel precipitation material developed from building waste: Behavior and mechanism. <i>Chemical Engineering Journal</i> , 2016 , 292, 246-254 | 14.7 | 31 |
| 75 | Characteristics of a landscape water with high salinity in a coastal city of China and measures for eutrophication control. <i>Ecological Indicators</i> , 2016 , 61, 268-273 | 5.8 | 10 |
| 74 | Bioaugmentation and biostimulation of hydrocarbon degradation and the microbial community in a petroleum-contaminated soil. <i>International Biodeterioration and Biodegradation</i> , 2016 , 107, 158-164 | 4.8 | 187 |
| 73 | A study on the reactivity characteristics of dissolved effluent organic matter (EfOM) from municipal wastewater treatment plant during ozonation. <i>Water Research</i> , 2016 , 88, 643-652 | 12.5 | 98 |
| 72 | Effect of fermentation liquid from food waste as a carbon source for enhancing denitrification in wastewater treatment. <i>Chemosphere</i> , 2016 , 144, 689-96 | 8.4 | 102 |
| 71 | Towards stable operation of a dynamic membrane bioreactor (DMBR): Operational process, behavior and retention effect of dynamic membrane. <i>Journal of Membrane Science</i> , 2016 , 498, 20-29 | 9.6 | 65 |
| 70 | Development of a method for calculating the entropy increase from organic oxidation in water environment through self-purification. <i>Desalination and Water Treatment</i> , 2016 , 1-10 | | 3 |
| 69 | Assessment of multiple hormone activities of a UV-filter (octocrylene) in zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2016 , 159, 433-441 | 8.4 | 31 |
| 68 | Characterizing phosphorus removal from polluted urban river water by steel slags in a vertical flow constructed wetland. <i>Water Science and Technology</i> , 2016 , 73, 2644-53 | 2.2 | 5 |
| 67 | Municipal sludge characteristic changes under different aerating condition in a deep-shaft aeration system. <i>Water Science and Technology</i> , 2016 , 73, 1493-9 | 2.2 | 2 |
| 66 | Lactic acid fermentation from food waste with indigenous microbiota: Effects of pH, temperature and high OLR. <i>Waste Management</i> , 2016 , 52, 278-85 | 8.6 | 133 |
| 65 | Thermodynamic entropy of organic oxidation in the water environment: experimental evaluation compared to semi-empirical calculation. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 21350-21359 | 5.1 | 359 |

| | | | |
|----|--|------|----|
| 64 | Sol-gel preparation and luminescent properties of red-emitting phosphor Sr-Ba-Mo-W-O-(Eu(3+),Sm(3+)). <i>Luminescence</i> , 2016 , 31, 217-22 | 2.5 | 8 |
| 63 | Luminescent properties of sol-gel processed red-emitting phosphor Ca _{0.6} Sr _{0.4} -1.5x-0.5y Mo _{0.4} W _{0.6} O ₄ :Eu _x Li _y . <i>Luminescence</i> , 2015 , 30, 600-4 | 2.5 | 2 |
| 62 | Characterization of microflora and transformation of organic matters in urban sewer system. <i>Water Research</i> , 2015 , 84, 112-9 | 12.5 | 27 |
| 61 | Characterization of a multi-metal binding biosorbent: Chemical modification and desorption studies. <i>Bioresource Technology</i> , 2015 , 193, 477-87 | 11 | 89 |
| 60 | Effects of annual harvesting on plants growth and nutrients removal in surface-flow constructed wetlands in northwestern China. <i>Ecological Engineering</i> , 2015 , 83, 268-275 | 3.9 | 54 |
| 59 | Characteristics of nitrogen and phosphorus removal by a surface-flow constructed wetland for polluted river water treatment. <i>Water Science and Technology</i> , 2015 , 71, 904-12 | 2.2 | 15 |
| 58 | Sulfate addition as an effective method to improve methane fermentation performance and propionate degradation in thermophilic anaerobic co-digestion of coffee grounds, milk and waste activated sludge with AnMBR. <i>Bioresource Technology</i> , 2015 , 185, 308-15 | 11 | 56 |
| 57 | Functions of slags and gravels as substrates in large-scale demonstration constructed wetland systems for polluted river water treatment. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 12982-91 | 5.1 | 27 |
| 56 | A new step aeration approach towards the improvement of nitrogen removal in a full scale Carrousel oxidation ditch. <i>Bioresource Technology</i> , 2015 , 198, 23-30 | 11 | 13 |
| 55 | Characteristics of concentration-inhibition curves of individual chemicals and applicability of the concentration addition model for mixture toxicity prediction. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 113, 176-82 | 7 | 13 |
| 54 | Luminescent properties of sol-gel processed red-emitting phosphor Eu ³⁺ , Bi ³⁺ co-doped (Ca,Sr)(Mo,W)O ₄ . <i>Journal of Materials Science: Materials in Electronics</i> , 2015 , 26, 23-31 | 2.1 | 7 |
| 53 | Hydrothermal Synthesis and Characterization of SrBi ₂ Nb ₂ O ₉ Nanoplates. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2015 , 45, 80-85 | | 3 |
| 52 | A study on the effects of ozone dosage on dissolved-ozone flotation (DOF) process performance. <i>Water Science and Technology</i> , 2015 , 71, 1423-8 | 2.2 | 11 |
| 51 | Phytotoxicity comparison of organic contaminants and heavy metals using <i>Chlorella vulgaris</i> . <i>Desalination and Water Treatment</i> , 2015 , 1-8 | | 1 |
| 50 | Disability adjusted life year (DALY): a useful tool for quantitative assessment of environmental pollution. <i>Science of the Total Environment</i> , 2015 , 511, 268-87 | 10.2 | 50 |
| 49 | Kinetic characterization of thermophilic and mesophilic anaerobic digestion for coffee grounds and waste activated sludge. <i>Waste Management</i> , 2015 , 36, 77-85 | 8.6 | 70 |
| 48 | Source identification of bacterial and viral pathogens and their survival/fading in the process of wastewater treatment, reclamation, and environmental reuse. <i>World Journal of Microbiology and Biotechnology</i> , 2015 , 31, 109-20 | 4.4 | 34 |
| 47 | Water Cycle Management. <i>SpringerBriefs in Water Science and Technology</i> , 2015 , | 1.8 | 4 |

| | | | |
|----|---|------|------|
| 46 | STUDY OF THE ADSORPTION OF Cu ²⁺ , Cd ²⁺ AND Pb ²⁺ ON AMORPHOUS Al(OH) ₃ IN DRINKING WATER SUPPLY NETWORKS. <i>Environmental Engineering and Management Journal</i> , 2015 , 14, 2829-2835 | 0.6 | |
| 45 | Regulation of aerobic granular sludge reformulation after granular sludge broken: effect of poly aluminum chloride (PAC). <i>Bioresource Technology</i> , 2014 , 158, 201-8 | 11 | 41 |
| 44 | A comprehensive framework for the assessment of new end uses in recycled water schemes. <i>Science of the Total Environment</i> , 2014 , 470-471, 44-52 | 10.2 | 12 |
| 43 | A review on the occurrence of micropollutants in the aquatic environment and their fate and removal during wastewater treatment. <i>Science of the Total Environment</i> , 2014 , 473-474, 619-41 | 10.2 | 2205 |
| 42 | Bioassay based luminescent bacteria: interferences, improvements, and applications. <i>Science of the Total Environment</i> , 2014 , 468-469, 1-11 | 10.2 | 84 |
| 41 | Microwave dielectric properties of Pb ₂ MoO ₅ ceramic with ultra-low sintering temperature. <i>Journal of the European Ceramic Society</i> , 2014 , 34, 4089-4093 | 6 | 18 |
| 40 | Effects of UV radiation on humic acid coagulation characteristics in drinking water treatment processes. <i>Chemical Engineering Journal</i> , 2014 , 256, 137-143 | 14.7 | 25 |
| 39 | Sol-gel preparation and characterization of Bi ₄ (Si _{1-x} Gex) ₃ O ₁₂ solid solutions. <i>Journal of Sol-Gel Science and Technology</i> , 2014 , 72, 37-42 | 2.3 | 3 |
| 38 | A mini-review on the impacts of climate change on wastewater reclamation and reuse. <i>Science of the Total Environment</i> , 2014 , 494-495, 9-17 | 10.2 | 50 |
| 37 | A new optional recycled water pre-treatment system prior to use in the household laundry. <i>Science of the Total Environment</i> , 2014 , 476-477, 513-21 | 10.2 | 4 |
| 36 | Effects of Ni(2+) on aluminum hydroxide scale formation and transformation on a simulated drinking water distribution system. <i>Chemosphere</i> , 2014 , 107, 211-217 | 8.4 | 5 |
| 35 | Mechanism of nitrogen removal by a hybrid membrane bioreactor in municipal wastewater treatment. <i>Desalination and Water Treatment</i> , 2014 , 52, 5165-5171 | | 7 |
| 34 | Wastewater reclamation for various non-potable supplies and water quality control in a minimum-emission hydrologic cycle. <i>Desalination and Water Treatment</i> , 2014 , 52, 5015-5020 | | 1 |
| 33 | An Improved Co-precipitation Method to Synthesize Three Bismuth Ferrites. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2014 , 44, 1363-1367 | | 10 |
| 32 | Study on the process of aerobic granule sludge rapid formation by using the poly aluminum chloride (PAC). <i>Chemical Engineering Journal</i> , 2014 , 250, 319-325 | 14.7 | 32 |
| 31 | Hybrid constructed wetlands for highly polluted river water treatment and comparison of surface- and subsurface-flow cells. <i>Journal of Environmental Sciences</i> , 2014 , 26, 749-56 | 6.4 | 26 |
| 30 | Genotoxicity evaluation of surface waters located in urban area of Xi'an City using <i>Vicia faba</i> bioassays. <i>Frontiers of Environmental Science and Engineering</i> , 2013 , 7, 860-866 | 5.8 | 2 |
| 29 | Characteristics of THMFP increase in secondary effluent and its potential toxicity. <i>Journal of Hazardous Materials</i> , 2013 , 261, 325-31 | 12.8 | 15 |

| | | | |
|----|---|------|----|
| 28 | Characteristics of an A2O ⁺ MBR system for reclaimed water production under constant flux at low TMP. <i>Journal of Membrane Science</i> , 2013 , 431, 156-162 | 9.6 | 40 |
| 27 | Reverse osmosis pretreatment method for toxicity assessment of domestic wastewater using <i>Vibrio qinghaiensis</i> sp.-Q67. <i>Ecotoxicology and Environmental Safety</i> , 2013 , 97, 248-54 | 7 | 11 |
| 26 | UASB performance and electron competition between methane-producing archaea and sulfate-reducing bacteria in treating sulfate-rich wastewater containing ethanol and acetate. <i>Bioresource Technology</i> , 2013 , 137, 349-57 | 11 | 82 |
| 25 | Synthesis of Bi ₄ Si ₃ O ₁₂ powders by a sol-gel method. <i>Materials Chemistry and Physics</i> , 2012 , 133, 1003-1005 | 4.1 | 21 |
| 24 | Occurrence of hand-foot-and-mouth disease pathogens in domestic sewage and secondary effluent in Xi'an, China. <i>Microbes and Environments</i> , 2012 , 27, 288-92 | 2.6 | 15 |
| 23 | Laboratory study on the adsorption of Mn(2+) on suspended and deposited amorphous Al(OH)(3) in drinking water distribution systems. <i>Water Research</i> , 2012 , 46, 4063-70 | 12.5 | 23 |
| 22 | Impact assessment of excess discharges of organics and nutrients into aquatic systems by thermodynamic entropy calculation. <i>Journal of Environmental Management</i> , 2012 , 112, 45-52 | 7.9 | 5 |
| 21 | Cytotoxicity and genotoxicity evaluation of urban surface waters using freshwater luminescent bacteria <i>Vibrio-qinghaiensis</i> sp.-Q67 and <i>Vicia faba</i> root tip. <i>Journal of Environmental Sciences</i> , 2012 , 24, 1861-6 | 6.4 | 17 |
| 20 | Effects of humic acid on residual Al control in drinking water treatment plants with orthophosphate addition. <i>Frontiers of Environmental Science and Engineering</i> , 2012 , 6, 470-476 | 5.8 | 2 |
| 19 | Arsenic(III) oxidation/adsorption behaviors on a new bimetal adsorbent of Mn-oxide-doped Al oxide. <i>Chemical Engineering Journal</i> , 2012 , 192, 343-349 | 14.7 | 73 |
| 18 | Influence of activated sludge characteristics on membrane fouling in a hybrid membrane bioreactor. <i>Desalination and Water Treatment</i> , 2012 , 42, 30-36 | | 5 |
| 17 | Effects of advanced oxidation pretreatment on residual aluminum control in high humic acid water purification. <i>Journal of Environmental Sciences</i> , 2011 , 23, 1079-85 | 6.4 | 21 |
| 16 | Adsorption of a typical polycyclic aromatic hydrocarbon by humic substances in water and the effect of coexisting metal ions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011 , 379, 93-101 | 5.1 | 9 |
| 15 | Study of the variation of ecotoxicity at different stages of domestic wastewater treatment using <i>Vibrio-qinghaiensis</i> sp.-Q67. <i>Journal of Hazardous Materials</i> , 2011 , 190, 100-5 | 12.8 | 42 |
| 14 | Characteristics of physicochemical adsorption of soluble matter by particles formed in a fluidized pellet bed reactor. <i>Environmental Technology (United Kingdom)</i> , 2011 , 32, 713-9 | 2.6 | 2 |
| 13 | Thermodynamic analysis of an urban water system with reclaimed water as supplemental water resource. <i>Desalination and Water Treatment</i> , 2011 , 32, 307-315 | | 3 |
| 12 | Membrane Fouling Control of Hybrid Membrane Bioreactor: Effect of Extracellular Polymeric Substances. <i>Separation Science and Technology</i> , 2010 , 45, 928-934 | 2.5 | 15 |
| 11 | Nitrogen-retaining property of compost in an aerobic thermophilic composting reactor for the sanitary disposal of human feces. <i>Frontiers of Environmental Science and Engineering in China</i> , 2010 , 4, 228-234 | | 13 |

| | | | |
|----|--|------|----|
| 10 | Factors effecting aluminum speciation in drinking water by laboratory research. <i>Journal of Environmental Sciences</i> , 2010 , 22, 47-55 | 6.4 | 25 |
| 9 | Granulation of filamentous microorganisms in a sequencing batch reactor with saline wastewater. <i>Journal of Environmental Sciences</i> , 2010 , 22, 62-7 | 6.4 | 18 |
| 8 | Effects of fulvic acid and humic acid on aluminum speciation in drinking water. <i>Journal of Environmental Sciences</i> , 2010 , 22, 211-7 | 6.4 | 24 |
| 7 | Spatial variations of aluminum species in drinking water supplies in Xi'an studied applying geographic information system. <i>Journal of Environmental Sciences</i> , 2010 , 22, 519-25 | 6.4 | 10 |
| 6 | Simultaneous detection of enteroviruses from surface waters by real-time RT-PCR with universal primers. <i>Journal of Environmental Sciences</i> , 2010 , 22, 1261-6 | 6.4 | 5 |
| 5 | Performance of a hybrid membrane bioreactor in municipal wastewater treatment. <i>Desalination</i> , 2010 , 258, 143-147 | 10.3 | 69 |
| 4 | Advances in chemical technologies for water and wastewater treatment: preface. <i>Journal of Environmental Sciences</i> , 2009 , 21, 1 | 6.4 | 7 |
| 3 | Effectiveness of fluidized pellet bed for removing soluble contaminants. <i>Journal of Environmental Sciences</i> , 2009 , 21, 13-7 | 6.4 | 3 |
| 2 | Thermogravimetric characteristics of aerobic granules developed at different salinities. <i>Journal of Chemical Technology and Biotechnology</i> , 2008 , 83, 359-364 | 3.5 | 3 |
| 1 | Phagotrophic protists can change microbial nitrogen conversion patterns during swine manure composting. <i>Biomass Conversion and Biorefinery</i> , 1 | 2.3 | |