# Feng Zhou

List of Publications by Year
in descending order

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|---|---|---|---|
| 145 papers | 6,907 citations | 66234<br>42 h-index | 69108<br>77 g-index |
| 151 all docs | 151 docs citations | 151 times ranked | 7871 citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------| 
| 1 | Sleep deprivation altered encoding of basolateral amygdala on fear acquisition. Cerebral Cortex, 2023, 33, 2655-2668. | 1.6 | 0 |
| 2 | An improved mesh refinement method to study the tip vortex cavitation of a marine propeller. Ships and Offshore Structures, 2022, 17, 2340-2354. | 0.9 | 1 |
| 3 | Hierarchical Context Network for Airborne Image Segmentation. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-12. | 2.7 | 7 |
| 4 | Enhancement of photodynamic bactericidal activity of curcumin against Pseudomonas Aeruginosa using polymyxin B. Photodiagnosis and Photodynamic Therapy, 2022, 37, 102677. | 1.3 | 10 |
| 5 | Comparing Photoactivities of Dissolved Organic Matter Released from Rice Straw-Pyrolyzed Biochar and Composted Rice Straw. Environmental Science &amp; Technology, 2022, 56, 2803-2815. | 4.6 | 35 |
| 6 | Global benefits of non‐continuous flooding to reduce greenhouse gases and irrigation water use without rice yield penalty. Global Change Biology, 2022, 28, 3636-3650. | 4.2 | 23 |
| 7 | Preparation and Characterization of Biodegradable Î²-Carrageenan Based Anti-Bacterial Film Functionalized with Wells-Dawson Polyoxometalate. Foods, 2022, 11, 586. | 1.9 | 15 |
| 8 | Global and Regional Patterns of Soil Nitrous Acid Emissions and Their Acceleration of Rural Photochemical Reactions. Journal of Geophysical Research D: Atmospheres, 2022, 127, . | 1.2 | 7 |
| 9 | Deceleration of Cropland-N$_2$O Emissions in China and Future Mitigation Potentials. Environmental Science &amp; Technology, 2022, 56, 4665-4675. | 4.6 | 22 |
| 10 | Local and non-local drivers of consumption-based water use in China during 2007â€"2015: Perspective of metacoupling. Journal of Environmental Management, 2022, 312, 114940. | 3.8 | 8 |
| 11 | Unexpected nitrogen flow and water quality change due to varying atmospheric deposition. Journal of Hydrology, 2022, 609, 127679. | 2.3 | 13 |
| 12 | The long-term effect of dental treatment under general anaesthesia or physical restraints on children's dental anxiety and behaviour.. European Journal of Paediatric Dentistry, 2022, 23, 27-32. | 0.4 | 3 |
| 13 | Multi-Objective Optimization Design and Dynamic Performance Analysis of an Enhanced Radial Magnetorheological Valve with Both Annular and Radial Flow Paths. Actuators, 2022, 11, 120. | 1.2 | 4 |
| 14 | Policy-enabled stabilization of nitrous oxide emissions from livestock production in China over 1978â€"2017. Nature Food, 2022, 3, 356-366. | 6.2 | 20 |
| 15 | Depression mediates the association between insula‐frontal functional connectivity and social interaction anxiety. Human Brain Mapping, 2022, 43, 4266-4273. | 1.9 | 8 |
| 16 | Distinguishing the impacts of land use change in intensity and type on ecosystem services trade-offs. Journal of Environmental Management, 2022, 316, 115206. | 3.8 | 27 |
| 17 | SAR Wideband Interference Suppression Method Using Second-Order Multisynchrosqueezing Transform. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15. | 2.7 | 3 |
| 18 | Spatialâ€"Temporal Ensemble Convolution for Sequence SAR Target Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 1250-1262. | 2.7 | 35 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Can $N_2O$ emissions offset the benefits from soil organic carbon storage?. Global Change Biology, 2021, 27, 237-256. | 4.2 | 174 |
| 20 | Nationwide estimates of nitrogen and phosphorus losses via runoff from rice paddies using data-constrained model simulations. Journal of Cleaner Production, 2021, 279, 123642. | 4.6 | 37 |
| 21 | Semi-Supervised Classification for PolSAR Data With Multi-Scale Evolving Weighted Graph Convolutional Network. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 2911-2927. | 2.3 | 25 |
| 22 | Determining dominating control mechanisms of inland water carbon cycling processes and associated gross primary productivity on regional and global scales. Earth-Science Reviews, 2021, 213, 103497. | 4.0 | 47 |
| 23 | Optimal Design and Performance Analysis of Radial MR Valve with Single Excitation Coil. Actuators, 2021, 10, 34. | 1.2 | 5 |
| 24 | Global irrigation contribution to wheat and maize yield. Nature Communications, 2021, 12, 1235. | 5.8 | 61 |
| 25 | Irrigation, damming, and streamflow fluctuations of the Yellow River. Hydrology and Earth System Sciences, 2021, 25, 1133-1150. | 1.9 | 19 |
| 26 | Enhanced catalytic efficiency and coenzyme affinity of leucine dehydrogenase by comprehensive screening strategy for L-tert-leucine synthesis. Applied Microbiology and Biotechnology, 2021, 105, 3625-3634. | 1.7 | 11 |
| 27 | Dynamic Performance Analysis of a Compact Annular-Radial-Orifice Flow Magnetorheological Valve and Its Application in the Valve Controlled Cylinder System. Actuators, 2021, 10, 104. | 1.2 | 4 |
| 28 | The Warming Climate Aggravates Atmospheric Nitrogen Pollution in Australia. Research, 2021, 2021, 9804583. | 2.8 | 9 |
| 29 | Can cropland management practices lower net greenhouse emissions without compromising yield?. Global Change Biology, 2021, 27, 4657-4670. | 4.2 | 65 |
| 30 | Variations of root-associated bacterial cooccurrence relationships in paddy soils under chlorantraniliprole (CAP) stress. Science of the Total Environment, 2021, 779, 146247. | 3.9 | 6 |
| 31 | The underappreciated role of agricultural soil nitrogen oxide emissions in ozone pollution regulation in North China. Nature Communications, 2021, 12, 5021. | 5.8 | 98 |
| 32 | Historical trends of riverine nitrogen loading from land to the East China Sea: a model-based evaluation. Environmental Research Communications, 2021, 3, 085005. | 0.9 | 1 |
| 33 | Is rice field a nitrogen source or sink for the environment?. Environmental Pollution, 2021, 283, 117122. | 3.7 | 11 |
| 34 | Decoupling between ammonia emission and crop production in China due to policy interventions. Global Change Biology, 2021, 27, 5877-5888. | 4.2 | 17 |
| 35 | Additional surface-water deficit to meet global universal water accessibility by 2030. Journal of Cleaner Production, 2021, 320, 128829. | 4.6 | 11 |
| 36 | Decline in nitrogen concentrations of eutrophic Lake Dianchi associated with policy interventions during 2002â€"2018. Environmental Pollution, 2021, 288, 117826. | 3.7 | 11 |

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| 37 | Nitrogen emission and deposition budget in an agricultural catchment in subtropical central China. Environmental Pollution, 2021, 289, 117870. | 3.7 | 10 |
| 38 | Genomic basis of geographical adaptation to soil nitrogen in rice. Nature, 2021, 590, 600-605. | 13.7 | 204 |
| 39 | Improved Estimates of Ammonia Emissions from Global Croplands. Environmental Science &amp; Technology, 2021, 55, 1329-1338. | 4.6 | 65 |
| 40 | Wideband Interference Mitigation for SAR Based on Intrinsic Chirp Component Decomposition. , 2021, , . | | 0 |
| 41 | A Declining Trend in China's Future Cropland-$N_2O$ Emissions Due to Reduced Cropland Area. Environmental Science &amp; Technology, 2021, 55, 14546-14555. | 4.6 | 9 |
| 42 | Global mapping of crop-specific emission factors highlights hotspots of nitrous oxide mitigation. Nature Food, 2021, 2, 886-893. | 6.2 | 68 |
| 43 | Magnitude and Uncertainty of Nitrous Oxide Emissions From North America Based on Bottom-Up and Top-Down Approaches: Informing Future Research and National Inventories. Geophysical Research Letters, 2021, 48, e2021GL095264. | 1.5 | 7 |
| 44 | Development and performance evaluation of rotary magnetorheological damper with T-shape rotor for seat suspension. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2021, 43, 1. | 0.8 | 3 |
| 45 | Human activities aggravate nitrogen-deposition pollution to inland water over China. National Science Review, 2020, 7, 430-440. | 4.6 | 80 |
| 46 | Data-driven estimates of global nitrous oxide emissions from croplands. National Science Review, 2020, 7, 441-452. | 4.6 | 95 |
| 47 | Measurement of N2O emissions over the whole year is necessary for estimating reliable emission factors. Environmental Pollution, 2020, 259, 113864. | 3.7 | 38 |
| 48 | Exploring optimal nitrogen management strategies to mitigate nitrogen losses from paddy soil in the middle reaches of the Yangtze River. Agricultural Water Management, 2020, 228, 105877. | 2.4 | 38 |
| 49 | Environmental impacts of nitrogen emissions in China and the role of policies in emission reduction. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2020, 378, 20190324. | 1.6 | 39 |
| 50 | A comprehensive quantification of global nitrous oxide sources and sinks. Nature, 2020, 586, 248-256. | 13.7 | 814 |
| 51 | Intense Warming Will Significantly Increase Cropland Ammonia Volatilization Threatening Food Security and Ecosystem Health. One Earth, 2020, 3, 126-134. | 3.6 | 26 |
| 52 | Raindrop-induced ejection at soil-water interface contributes substantially to nutrient runoff losses from rice paddies. Agriculture, Ecosystems and Environment, 2020, 304, 107135. | 2.5 | 16 |
| 53 | A Portable Microwave Interferometry Sensor for Permittivity Detection Based on CCMRC. IEEE Access, 2020, 8, 140323-140332. | 2.6 | 4 |
| 54 | Increased extreme hourly precipitation over China's rice paddies from 1961 to 2012. Scientific Reports, 2020, 10, 10609. | 1.6 | 13 |

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| 55 | Cascading multiscale watershed effects on differential carbon isotopic characteristics and associated hydrological processes. Journal of Hydrology, 2020, 588, 125139. | 2.3 | 7 |
| 56 | Optimization of Urban Rail Transit Connection Scheme for Evacuating Large Volumes of Arriving Railway Passengers. IEEE Access, 2020, 8, 68772-68786. | 2.6 | 4 |
| 57 | Deceleration of China's human water use and its key drivers. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 7702-7711. | 3.3 | 155 |
| 58 | Improvement of the Irrigation Scheme in the ORCHIDEE Land Surface Model and Impacts of Irrigation on Regional Water Budgets Over China. Journal of Advances in Modeling Earth Systems, 2020, 12, e2019MS001770. | 1.3 | 15 |
| 59 | Silica colloids as non-carriers facilitate Pb2+ transport in saturated porous media under a weak adsorption condition: effects of Pb2+ concentrations. Environmental Science and Pollution Research, 2020, 27, 15188-15197. | 2.7 | 7 |
| 60 | Identifying the main drivers of change of phytoplankton community structure and gross primary productivity in a river-lake system. Journal of Hydrology, 2020, 583, 124633. | 2.3 | 44 |
| 61 | Mature myelin maintenance requires Qki to coactivate PPARβ-RXRα–mediated lipid metabolism. Journal of Clinical Investigation, 2020, 130, 2220-2236. | 3.9 | 50 |
| 62 | Impacts of Nitrogen Deposition on China's Lake Ecosystems: Taking Lake Dianchi as an Example. , 2020, , 263-293. | | 0 |
| 63 | Urban nitrogen budgets: flows and stock changes of potentially polluting nitrogen compounds in cities and their surroundings – a review. Journal of Integrative Environmental Sciences, 2020, 17, 57-71. | 1.0 | 6 |
| 64 | A train operation plan optimization method to maximize the utilization of regenerative energy for metro systems. , 2020, , . | | 0 |
| 65 | A Deceptive Jamming Template Synthesis Method for SAR Using Generative Adversarial Nets. , 2020, , . | | 1 |
| 66 | Radar-Based Human Gait Recognition Using Dual-Channel Deep Convolutional Neural Network. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9767-9778. | 2.7 | 57 |
| 67 | Sequence SAR Image Classification Based on Bidirectional Convolution-Recurrent Network. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9223-9235. | 2.7 | 41 |
| 68 | TiO2 and SiO2 Nanoparticles Combined with Surfactants Mitigate the Toxicity of Cd2+ to Wheat Seedlings. Water, Air, and Soil Pollution, 2019, 230, 1. | 1.1 | 9 |
| 69 | Improved Jayaweera-Mikkelsen model to quantify ammonia volatilization from rice paddy fields in China. Environmental Science and Pollution Research, 2019, 26, 8136-8147. | 2.7 | 17 |
| 70 | Nitrogen stock and leaching rates in a thick vadose zone below areas of long-term nitrogen fertilizer application in the North China Plain: A future groundwater quality threat. Journal of Hydrology, 2019, 576, 28-40. | 2.3 | 59 |
| 71 | Weakened growth of cropland-$N_2$O emissions in China associated with nationwide policy interventions. Global Change Biology, 2019, 25, 3706-3719. | 4.2 | 46 |
| 72 | Effects and potential of water-saving irrigation for rice production in China. Agricultural Water Management, 2019, 217, 374-382. | 2.4 | 88 |

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| 73 | Interference Mitigation for Synthetic Aperture Radar Using Deep Learning. , 2019, , . | | 5 |
| 74 | A Novel Method of Three-Dimensional Geometry Reconstruction of Space Targets Based on the ISAR Image Sequence. , 2019, , . | | 2 |
| 75 | Pedestrian Gait Classification Based on Parallel Channel Identity Initialized Recurrent Neural Network. , 2019, , . | | 2 |
| 76 | Importance of subsurface fluxes of water, nitrogen and phosphorus from rice paddy fields relative to surface runoff. Agricultural Water Management, 2019, 213, 627-635. | 2.4 | 43 |
| 77 | Toward a Generic Analytical Framework for Sustainable Nitrogen Management: Application for China. Environmental Science &amp; Technology, 2019, 53, 1109-1118. | 4.6 | 27 |
| 78 | Ammonia emissions from paddy fields are underestimated in China. Environmental Pollution, 2018, 235, 482-488. | 3.7 | 98 |
| 79 | Detection and attribution of nitrogen runoff trend in China's croplands. Environmental Pollution, 2018, 234, 270-278. | 3.7 | 47 |
| 80 | Analysis of slight precipitation in China during the past decades and its relationship with advanced very high radiometric resolution normalized difference vegetation index. International Journal of Climatology, 2018, 38, 5563-5575. | 1.5 | 2 |
| 81 | Evaluation of ORCHIDEE-MICT-simulated soil moisture over China and impacts of different atmospheric forcing data. Hydrology and Earth System Sciences, 2018, 22, 5463-5484. | 1.9 | 13 |
| 82 | Contributions of Climate Change, CO2, Land-Use Change, and Human Activities to Changes in River Flow across 10 Chinese Basins. Journal of Hydrometeorology, 2018, 19, 1899-1914. | 0.7 | 24 |
| 83 | Increased ammonia emissions from synthetic fertilizers and land degradation associated with reduction in arable land area in China. Land Degradation and Development, 2018, 29, 3928-3939. | 1.8 | 16 |
| 84 | Real-time QCM-D monitoring of endothelial cells and macrophages adhering and spreading to SEMA4D/heparin surfaces. Colloids and Surfaces B: Biointerfaces, 2018, 171, 522-529. | 2.5 | 12 |
| 85 | Quantifying the unauthorized lake water withdrawals and their impacts on the water budget of eutrophic lake Dianchi, China. Journal of Hydrology, 2018, 565, 39-48. | 2.3 | 13 |
| 86 | Improvement of a Global High-Resolution Ammonia Emission Inventory for Combustion and Industrial Sources with New Data from the Residential and Transportation Sectors. Environmental Science &amp; Technology, 2017, 51, 2821-2829. | 4.6 | 113 |
| 87 | Environmentally friendly chitosan/PEI-grafted magnetic gelatin for the highly effective removal of heavy metals from drinking water. Scientific Reports, 2017, 7, 43082. | 1.6 | 45 |
| 88 | Global forest carbon uptake due to nitrogen and phosphorus deposition from 1850 to 2100. Global Change Biology, 2017, 23, 4854-4872. | 4.2 | 158 |
| 89 | Regional patterns of future runoff changes from Earth system models constrained by observation. Geophysical Research Letters, 2017, 44, 5540-5549. | 1.5 | 26 |
| 90 | Evidence for the Importance of Atmospheric Nitrogen Deposition to Eutrophic Lake Dianchi, China. Environmental Science &amp; Technology, 2017, 51, 6699-6708. | 4.6 | 80 |

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| 91 | Integrated ion imprinted polymers-paper composites for selective and sensitive detection of Cd(II) ions. Journal of Hazardous Materials, 2017, 333, 137-143. | 6.5 | 73 |
| 92 | Impacts of sanitation improvement on reduction of nitrogen discharges entering the environment from human excreta in China. Science of the Total Environment, 2017, 593-594, 439-448. | 3.9 | 14 |
| 93 | Management outweighs climate change on affecting length of rice growing period for early rice and single rice in China during 1991â€"2012. Agricultural and Forest Meteorology, 2017, 233, 1-11. | 1.9 | 48 |
| 94 | Estimation of nutrient discharge from the Yangtze River to the East China Sea and the identification of nutrient sources. Journal of Hazardous Materials, 2017, 321, 728-736. | 6.5 | 98 |
| 95 | Aged dissolved organic carbon exported from rivers of the Tibetan Plateau. PLoS ONE, 2017, 12, e0178166. | 1.1 | 29 |
| 96 | Development and validation of two prognostic nomograms for predicting survival in patients with non-small cell and small cell lung cancer. Oncotarget, 2017, 8, 64303-64316. | 0.8 | 24 |
| 97 | Spatio-Temporal Patterns and Source Identification of Water Pollution in Lake Taihu (China). Water (Switzerland), 2016, 8, 86. | 1.2 | 28 |
| 98 | Synergetic signal amplification of multi-walled carbon nanotubes-Fe3O4 hybrid and trimethyloctadecylammonium bromide as a highly sensitive detection platform for tetrabromobisphenol A. Scientific Reports, 2016, 6, 38000. | 1.6 | 24 |
| 99 | Regulation of hypoxia-inducible factor-1Î±, regulated in development and DNA damage response-1 and mammalian target of rapamycin in human placental BeWo cells under hypoxia. Placenta, 2016, 45, 24-31. | 0.7 | 7 |
| 100 | Fresh versus Frozen Embryos for Infertility in the Polycystic Ovary Syndrome. New England Journal of Medicine, 2016, 375, 523-533. | 13.9 | 576 |
| 101 | Spatial patterns of nitrogen runoff from Chinese paddy fields. Agriculture, Ecosystems and Environment, 2016, 231, 246-254. | 2.5 | 36 |
| 102 | Exploiting Hostâ€"Guest Interactions for the Synthesis of a Rodâ€"Rod Block Copolymer with Crystalline and Liquidâ€Crystalline Blocks. Angewandte Chemie, 2016, 128, 15231-15235. | 1.6 | 1 |
| 103 | Highly efficient removal of lead and cadmium during wastewater irrigation using a polyethylenimine-grafted gelatin sponge. Scientific Reports, 2016, 6, 33573. | 1.6 | 42 |
| 104 | Exploiting Hostâ€"Guest Interactions for the Synthesis of a Rodâ€"Rod Block Copolymer with Crystalline and Liquidâ€Crystalline Blocks. Angewandte Chemie - International Edition, 2016, 55, 15007-15011. | 7.2 | 14 |
| 105 | Inventory of anthropogenic methane emissions in mainland China from 1980 to 2010. Atmospheric Chemistry and Physics, 2016, 16, 14545-14562. | 1.9 | 107 |
| 106 | Selective Solid-Phase Extraction of Lead Ions in Water Samples Using Three-Dimensional Ion-Imprinted Polymers. Analytical Chemistry, 2016, 88, 6820-6826. | 3.2 | 56 |
| 107 | Impacts of sanitation upgrading to the decrease of fecal coliforms entering into the environment in China. Environmental Research, 2016, 149, 57-65. | 3.7 | 16 |
| 108 | Quantifying nitrogen leaching response to fertilizer additions in China's cropland. Environmental Pollution, 2016, 211, 241-251. | 3.7 | 54 |

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| 109 | The contribution of China's emissions to global climate forcing. Nature, 2016, 531, 357-361. | 13.7 | 214 |
| 110 | Re-estimating $NH_3$ Emissions from Chinese Cropland by a New Nonlinear Model. Environmental Science &amp; Technology, 2016, 50, 564-572. | 4.6 | 77 |
| 111 | Influence of anthropogenic aerosol deposition on the relationship between oceanic productivity and warming. Geophysical Research Letters, 2015, 42, 10745-10754. | 1.5 | 40 |
| 112 | An Indirect Simulation-Optimization Model for Determining Optimal TMDL Allocation under Uncertainty. Water (Switzerland), 2015, 7, 6634-6650. | 1.2 | 6 |
| 113 | New model for capturing the variations of fertilizer-induced emission factors of $N_2O$. Global Biogeochemical Cycles, 2015, 29, 885-897. | 1.9 | 42 |
| 114 | A worldwide analysis of spatiotemporal changes in water balance-based evapotranspiration from 1982 to 2009. Journal of Geophysical Research D: Atmospheres, 2014, 119, 1186-1202. | 1.2 | 109 |
| 115 | Expression of urocortin and corticotrophin-releasing hormone receptor-2 in patients with intrahepatic cholestasis of pregnancy. Placenta, 2014, 35, 962-968. | 0.7 | 10 |
| 116 | Three-level trade-off analysis for decision making in environmental engineering under interval uncertainty. Engineering Optimization, 2014, 46, 377-392. | 1.5 | 2 |
| 117 | A New High-Resolution $N_2O$ Emission Inventory for China in 2008. Environmental Science &amp; Technology, 2014, 48, 8538-8547. | 4.6 | 82 |
| 118 | A well-balanced stable generalized Riemann problem scheme for shallow water equations using adaptive moving unstructured triangular meshes. International Journal for Numerical Methods in Fluids, 2013, 73, 266-283. | 0.9 | 18 |
| 119 | Analyses of Cascading Failure in Mine Ventilation System and Its Effects in a Serious Mine Gas Explosion Disaster. Journal of Failure Analysis and Prevention, 2013, 13, 538-544. | 0.5 | 9 |
| 120 | An adaptive moving finite volume scheme for modeling flood inundation over dry and complex topography. Water Resources Research, 2013, 49, 1914-1928. | 1.7 | 23 |
| 121 | MicroRNA and histopathological characterization of pure mucinous breast carcinoma. Cancer Biology and Medicine, 2013, 10, 22-7. | 1.4 | 15 |
| 122 | An integrated SOM-based multivariate approach for spatio-temporal patterns identification and source apportionment of pollution in complex river network. Environmental Pollution, 2012, 168, 71-79. | 3.7 | 36 |
| 123 | Autophagic deficiency is related to steroidogenic decline in aged rat Leydig cells. Asian Journal of Andrology, 2011, 13, 881-888. | 0.8 | 68 |
| 124 | Analysis of spatial and temporal water pollution patterns in Lake Dianchi using multivariate statistical methods. Environmental Monitoring and Assessment, 2010, 170, 407-416. | 1.3 | 128 |
| 125 | Biotic condition assessment and the implication for lake fish conservation: a case study of Lake Qionghai, China. Water and Environment Journal, 2009, 23, 189-199. | 1.0 | 3 |
| 126 | Enhanced-interval linear programming. European Journal of Operational Research, 2009, 199, 323-333. | 3.5 | 49 |

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| 127 | Data Mining for Bibliometric Analysis of Traffic Flow. , 2009, , . | | 2 |
| 128 | Water environmental planning and management at the watershed scale: A case study of Lake Qilu, China. Frontiers of Environmental Science and Engineering in China, 2008, 2, 157-162. | 0.8 | 7 |
| 129 | Ecological–economic modeling as a tool for watershed management: A case study of Lake Qionghai watershed, China. Limnologica, 2008, 38, 89-104. | 0.7 | 29 |
| 130 | Inexact Chance-Constrained Linear Programming Model for Optimal Water Pollution Management at the Watershed Scale. Journal of Water Resources Planning and Management - ASCE, 2008, 134, 347-356. | 1.3 | 29 |
| 131 | The Interval Linear Programming: A Revisit. Journal of Environmental Informatics, 2008, 11, 1-10. | 6.0 | 23 |
| 132 | The P2 capsid protein of the nonenveloped rice dwarf phytoreovirus induces membrane fusion in insect host cells. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 19547-19552. | 3.3 | 38 |
| 133 | Spatio-temporal patterns and source apportionment of coastal water pollution in eastern Hong Kong. Water Research, 2007, 41, 3429-3439. | 5.3 | 148 |
| 134 | Interaction of rice dwarf virus outer capsid P8 protein with rice glycolate oxidase mediates relocalization of P8. FEBS Letters, 2007, 581, 34-40. | 1.3 | 18 |
| 135 | Chemometrics data analysis of marine water quality and source identification in Southern Hong Kong. Marine Pollution Bulletin, 2007, 54, 745-756. | 2.3 | 121 |
| 136 | Spatial distribution of heavy metals in Hong Kong's marine sediments and their human impacts: A GIS-based chemometric approach. Marine Pollution Bulletin, 2007, 54, 1372-1384. | 2.3 | 159 |
| 137 | Identification and spatial patterns of coastal water pollution sources based on GIS and chemometric approach. Journal of Environmental Sciences, 2007, 19, 805-810. | 3.2 | 23 |
| 138 | Quantitative identification and source apportionment of anthropogenic heavy metals in marine sediment of Hong Kong. Environmental Geology, 2007, 53, 295-305. | 1.2 | 126 |
| 139 | ICCLP: An Inexact Chance-Constrained Linear Programming Model for Land-Use Management of Lake Areas in Urban Fringes. Environmental Management, 2007, 40, 966-980. | 1.2 | 21 |
| 140 | Scientometric analysis of geostatistics using multivariate methods. Scientometrics, 2007, 73, 265-279. | 1.6 | 81 |
| 141 | Application of Multivariate Statistical Methods to Water Quality Assessment of the Watercourses in Northwestern New Territories, Hong Kong. Environmental Monitoring and Assessment, 2007, 132, 1-13. | 1.3 | 176 |
| 142 | An Efficient Method for Real-Time Ocean Simulation. , 2007, , 3-11. | | 4 |
| 143 | Example-Based Realistic Terrain Generation. Lecture Notes in Computer Science, 2006, , 811-818. | 1.0 | 8 |
| 144 | An Efficient Method for Rendering Detailed Soft Shadow. Lecture Notes in Computer Science, 2006, , 893-902. | 1.0 | 0 |

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| 145 | Assessment Method for Dynamic Impact of Large Passenger Flow on Urban Rail Transit Network: A Case Study on Chengdu East Railway Station. Transportation Research Record, 0, , 036119812110584. | 1.0 | 0 |