

Wei Ouyang

List of Publications by Year in Descending Order

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

160
papers

3,272
citations

33
h-index

48
g-index

161
ext. papers

4,318
ext. citations

7.8
avg. IF

5.75
L-index

#	Paper	IF	Citations
160	Oxidation and adsorption of Sb(III) in the presence of iron (hydr)oxides and dissolved Mn(II). <i>Chemical Geology</i> , 2022 , 591, 120725	4.2	0
159	Historical records of trace metals in two sediment cores of Jiaozhou Bay, north China.. <i>Marine Pollution Bulletin</i> , 2022 , 175, 113400	6.7	0
158	A comprehensive assessment of anthropogenic impacts, contamination, and ecological risks of toxic elements in sediments of urban rivers: A case study in Qingdao, East China. <i>Environmental Advances</i> , 2022 , 7, 100143	3.5	5
157	Quantitative source identification and environmental assessment of trace elements in the water and sediment of rivers flowing into Laizhou Bay, Bohai Sea.. <i>Marine Pollution Bulletin</i> , 2022 , 174, 113313	6.7	0
156	Organophosphate esters in surface waters of Shandong Peninsula in eastern China: Levels, profile, source, spatial distribution, and partitioning.. <i>Environmental Pollution</i> , 2022 , 297, 118792	9.3	2
155	Profiling of the spatiotemporal distribution, risks, and prioritization of antibiotics in the waters of Laizhou Bay, northern China. <i>Journal of Hazardous Materials</i> , 2022 , 424, 127487	12.8	1
154	Sources, trophodynamics, contamination and risk assessment of toxic metals in a coastal ecosystem by using a receptor model and Monte Carlo simulation. <i>Journal of Hazardous Materials</i> , 2022 , 424, 127482	12.8	6
153	Facile co-removal of As(V) and Sb(V) from aqueous solution using Fe-Cu binary oxides: Structural modification and self-driven force field of copper oxides. <i>Science of the Total Environment</i> , 2022 , 803, 150084	10.2	4
152	Spatiotemporal variations in phosphorus concentrations in the water and sediment of Jiaozhou Bay and sediment phosphorus release potential. <i>Science of the Total Environment</i> , 2022 , 806, 150540	10.2	0
151	Interactions of antimony with biomolecules and its effects on human health.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 233, 113317	7	1
150	Deep insight into the Sb(III) and Sb(V) removal mechanism by Fe-Cu-chitosan material.. <i>Environmental Pollution</i> , 2022 , 303, 119160	9.3	0
149	Simultaneous stabilization of Sb and As co-contaminated soil by FeMg modified biochar.. <i>Science of the Total Environment</i> , 2022 , 154831	10.2	0
148	Distribution, partitioning, and health risk assessment of organophosphate esters in a major tributary of middle Yangtze River using Monte Carlo simulation.. <i>Water Research</i> , 2022 , 219, 118559	12.5	0
147	Enhanced release, export, and transport of diffuse nutrients from litter in forested watersheds with climate warming.. <i>Science of the Total Environment</i> , 2022 , 155897	10.2	0
146	Forest leaf litter nutrient discharge patterns in snowmelt surface runoff and watershed scale remote sensed simulation. <i>Science of the Total Environment</i> , 2022 , 839, 156356	10.2	
145	Vanadium pollution and health risks in marine ecosystems: Anthropogenic sources over natural contributions. <i>Water Research</i> , 2021 , 207, 117838	12.5	2
144	Diffuse nutrient export dynamics from accumulated litterfall in forested watersheds with remote sensing data coupled model.. <i>Water Research</i> , 2021 , 209, 117948	12.5	2

143	Insights into the spatiotemporal occurrence and mixture risk assessment of household and personal care products in the waters from rivers to Laizhou Bay, southern Bohai Sea.. <i>Science of the Total Environment</i> , 2021 , 810, 152290	10.2	2
142	Sorption dynamics, geochemical fraction and driving factors in phosphorus transport at large basin scale. <i>Journal of Cleaner Production</i> , 2021 , 294, 126111	10.3	2
141	Integrating hydrological, landscape ecological, and economic assessment during hydropower exploitation in the upper Yangtze River. <i>Science of the Total Environment</i> , 2021 , 767, 145496	10.2	4
140	Higher Fine Particle Fraction in Sediment Increased Phosphorus Flux to Estuary in Restored Yellow River Basin. <i>Environmental Science & Technology</i> , 2021 , 55, 6783-6790	10.3	8
139	Ammonia volatilization modeling optimization for rice watersheds under climatic differences. <i>Science of the Total Environment</i> , 2021 , 767, 144710	10.2	0
138	Influence of atmospheric surface oxidation on the formation of H ₂ O ₂ and OH at pyrite-water interface: Mechanism and kinetic model. <i>Chemical Geology</i> , 2021 , 571, 120176	4.2	2
137	Assessment of cadmium pollution and subsequent ecological and health risks in Jiaozhou Bay of the Yellow Sea. <i>Science of the Total Environment</i> , 2021 , 774, 145016	10.2	9
136	Dynamic flow and pollution of antimony from polyethylene terephthalate (PET) fibers in China. <i>Science of the Total Environment</i> , 2021 , 771, 144643	10.2	12
135	Distribution, sources, and ecological risks of potentially toxic elements in the Laizhou Bay, Bohai Sea: Under the long-term impact of the Yellow River input. <i>Journal of Hazardous Materials</i> , 2021 , 413, 125429	12.8	14
134	Metabolic process and spatial partition dynamics of Atrazine in an estuary-to-bay system, Jiaozhou bay. <i>Journal of Hazardous Materials</i> , 2021 , 414, 125530	12.8	3
133	Substance flow analysis and environmental release of antimony in the life cycle of polyethylene terephthalate products. <i>Journal of Cleaner Production</i> , 2021 , 291, 125252	10.3	4
132	Drainage optimization of paddy field watershed for diffuse phosphorus pollution control and sustainable agricultural development. <i>Agriculture, Ecosystems and Environment</i> , 2021 , 308, 107238	5.7	6
131	Baseline, enrichment, and ecological risk of arsenic and antimony in the Jiaozhou Bay, a semi-enclosed bay of the Yellow Sea, China. <i>Marine Pollution Bulletin</i> , 2021 , 168, 112431	6.7	3
130	Typical herbicide residues, trophic transfer, bioconcentration, and health risk of marine organisms. <i>Environment International</i> , 2021 , 152, 106500	12.9	1
129	Quantify phosphorus transport distinction of different reaches to estuary under long-term anthropogenic perturbation. <i>Science of the Total Environment</i> , 2021 , 780, 146647	10.2	3
128	Potential of paddy drainage optimization to water and food security in China. <i>Resources, Conservation and Recycling</i> , 2021 , 171, 105624	11.9	1
127	Synergetic loss of heavy metal and phosphorus: Evidence from geochemical fraction and estuary sedimentation. <i>Journal of Hazardous Materials</i> , 2021 , 416, 125710	12.8	0
126	Seasonal variations in atrazine degradation in a typical semienclosed bay of the northwest Pacific ocean. <i>Environmental Pollution</i> , 2021 , 283, 117072	9.3	3

125	Occurrence, spatiotemporal distribution, and ecological risks of organophosphate esters in the water of the Yellow River to the Laizhou Bay, Bohai Sea. <i>Science of the Total Environment</i> , 2021 , 787, 147528	10.2	13
124	Trophic transfer and dietary exposure risk of mercury in aquatic organisms from urbanized coastal ecosystems. <i>Chemosphere</i> , 2021 , 281, 130836	8.4	5
123	Endocrine-disrupting chemicals in a typical urbanized bay of Yellow Sea, China: Distribution, risk assessment, and identification of priority pollutants. <i>Environmental Pollution</i> , 2021 , 287, 117588	9.3	4
122	Activation of peroxymonosulfate by WTRs-based iron-carbon composites for atrazine removal: Performance evaluation, mechanism insight and byproduct analysis. <i>Chemical Engineering Journal</i> , 2021 , 421, 127811	14.7	5
121	Effects of antimony (III/IV) on microbial activities and bacterial community structure in soil. <i>Science of the Total Environment</i> , 2021 , 789, 148073	10.2	7
120	Rainfall stimulates large carbon dioxide emission during growing season in a forest wetland catchment. <i>Journal of Hydrology</i> , 2021 , 602, 126892	6	1
119	Seasonal occurrence, allocation and ecological risk of organophosphate esters in a typical urbanized semi-closed bay. <i>Environmental Pollution</i> , 2021 , 290, 118074	9.3	2
118	Optimization of SWAT-Paddy for modeling hydrology and diffuse pollution of large rice paddy fields. <i>Environmental Modelling and Software</i> , 2020 , 130, 104736	5.2	6
117	Typical pesticides diffuse loading and degradation pattern differences under the impacts of climate and land-use variations. <i>Environment International</i> , 2020 , 139, 105717	12.9	6
116	Differences in soil water content and movement drivers of runoff under climate variations in a high-altitude catchment. <i>Journal of Hydrology</i> , 2020 , 587, 125024	6	3
115	Considering atmospheric NO dynamic in SWAT model avoids the overestimation of NO emissions in river networks. <i>Water Research</i> , 2020 , 174, 115624	12.5	4
114	Heavy metal accumulation, geochemical fractions, and loadings in two agricultural watersheds with distinct climate conditions. <i>Journal of Hazardous Materials</i> , 2020 , 389, 122125	12.8	15
113	Occurrence and risk assessment of total mercury and methylmercury in surface seawater and sediments from the Jiaozhou Bay, Yellow Sea. <i>Science of the Total Environment</i> , 2020 , 714, 136539	10.2	7
112	Diffuse nitrogen pollution in a forest-dominated watershed: Source, transport and removal. <i>Journal of Hydrology</i> , 2020 , 585, 124833	6	7
111	Seasonal relevance of agricultural diffuse pollutant with microplastic in the bay. <i>Journal of Hazardous Materials</i> , 2020 , 396, 122602	12.8	18
110	Influence of Fe(II) on Sb(III) oxidation and adsorption by MnO under acidic conditions. <i>Science of the Total Environment</i> , 2020 , 724, 138209	10.2	6
109	Mechanism of birnessite-promoted oxidative dissolution of antimony trioxide. <i>Environmental Chemistry</i> , 2020 , 17, 345	3.2	8
108	Vertical difference of climate change impacts on vegetation at temporal-spatial scales in the upper stream of the Mekong River Basin. <i>Science of the Total Environment</i> , 2020 , 701, 134782	10.2	14

107	Changing runoff due to temperature and precipitation variations in the dammed Jinsha River. <i>Journal of Hydrology</i> , 2020 , 582, 124500	6	22
106	Airborne bacterial communities and antibiotic resistance gene dynamics in PM during rainfall. <i>Environment International</i> , 2020 , 134, 105318	12.9	19
105	Toxicity and bioavailability of antimony in edible amaranth (<i>Amaranthus tricolor</i> Linn.) cultivated in two agricultural soil types. <i>Environmental Pollution</i> , 2020 , 257, 113642	9.3	15
104	Trophodynamics of arsenic for different species in coastal regions of the Northwest Pacific Ocean: In situ evidence and a meta-analysis. <i>Water Research</i> , 2020 , 184, 116186	12.5	6
103	Occurrence, spatiotemporal variation, and ecological risk of antibiotics in the water of the semi-enclosed urbanized Jiaozhou Bay in eastern China. <i>Water Research</i> , 2020 , 184, 116187	12.5	34
102	Catalytic oxidation of contaminants by Fe0 activated peroxymonosulfate process: Fe(IV) involvement, degradation intermediates and toxicity evaluation. <i>Chemical Engineering Journal</i> , 2020 , 382, 123013	14.7	40
101	Occurrence, migration, and allocation of arsenic in multiple media of a typical semi-enclosed bay. <i>Journal of Hazardous Materials</i> , 2020 , 384, 121313	12.8	17
100	Activation of peroxymonosulfate using drinking water treatment residuals modified by hydrothermal treatment for imidacloprid degradation. <i>Chemosphere</i> , 2020 , 254, 126820	8.4	13
99	Influences of Particles and Aquatic Colloids on the Oxidation of Sb(III) in Natural Water. <i>ACS Earth and Space Chemistry</i> , 2020 , 4, 661-671	3.2	7
98	Interactions between rainfall and fine particulate matter investigated by simultaneous chemical composition measurements in downtown Beijing. <i>Atmospheric Environment</i> , 2019 , 218, 117000	5.3	4
97	Occurrence, transportation, and distribution difference of typical herbicides from estuary to bay. <i>Environment International</i> , 2019 , 130, 104858	12.9	24
96	Spatial and seasonal variations of antibiotics in river waters in the Haihe River Catchment in China and ecotoxicological risk assessment. <i>Environment International</i> , 2019 , 130, 104919	12.9	46
95	Anthropogenic and lithogenic fluxes of atmospheric lead deposition over the past 3600 years from a peat bog, Changbai Mountains, China. <i>Chemosphere</i> , 2019 , 227, 225-236	8.4	5
94	Uptake, translocation and phytotoxicity of antimonite in wheat (<i>Triticum aestivum</i>). <i>Science of the Total Environment</i> , 2019 , 669, 421-430	10.2	18
93	Characteristics and secondary formation of water-soluble organic acids in PM, PM and PM in Beijing during haze episodes. <i>Science of the Total Environment</i> , 2019 , 669, 175-184	10.2	25
92	SWAT-N2O coupler: An integration tool for soil N2O emission modeling. <i>Environmental Modelling and Software</i> , 2019 , 115, 86-97	5.2	6
91	Watershed diffuse pollution dynamics and response to land development assessment with riverine sediments. <i>Science of the Total Environment</i> , 2019 , 659, 283-292	10.2	11
90	Activation of peroxymonosulfate by magnetic catalysts derived from drinking water treatment residuals for the degradation of atrazine. <i>Journal of Hazardous Materials</i> , 2019 , 366, 402-412	12.8	31

89	Predictive ability of climate change with the automated statistical downscaling method in a freeze-thaw agricultural area. <i>Climate Dynamics</i> , 2019 , 52, 7013-7028	4.2	3
88	Rainwater characteristics and interaction with atmospheric particle matter transportation analyzed by remote sensing around Beijing. <i>Science of the Total Environment</i> , 2019 , 651, 532-540	10.2	14
87	Using river sediments to analyze the driving force difference for non-point source pollution dynamics between two scales of watersheds. <i>Water Research</i> , 2018 , 139, 311-320	12.5	35
86	Direct numerical simulation of continuous lithium extraction from high Mg/Li ratio brines using microfluidic channels with ion concentration polarization. <i>Journal of Membrane Science</i> , 2018 , 556, 34-41	9.6	30
85	Combined impacts of land use and soil property changes on soil erosion in a mollisol area under long-term agricultural development. <i>Science of the Total Environment</i> , 2018 , 613-614, 798-809	10.2	89
84	Heavy metal loss from agricultural watershed to aquatic system: A scientometrics review. <i>Science of the Total Environment</i> , 2018 , 637-638, 208-220	10.2	107
83	Snowmelt water drives higher soil erosion than rainfall water in a mid-high latitude upland watershed. <i>Journal of Hydrology</i> , 2018 , 556, 438-448	6	30
82	Increased ammonia emissions from synthetic fertilizers and land degradation associated with reduction in arable land area in China. <i>Land Degradation and Development</i> , 2018 , 29, 3928-3939	4.4	7
81	Assessment of soil erosion characteristics in response to temperature and precipitation in a freeze-thaw watershed. <i>Geoderma</i> , 2018 , 328, 56-65	6.7	41
80	Deciphering ion concentration polarization-based electrokinetic molecular concentration at the micro-nanofluidic interface: theoretical limits and scaling laws. <i>Nanoscale</i> , 2018 , 10, 15187-15194	7.7	34
79	Exposure inequality assessment for PM and the potential association with environmental health in Beijing. <i>Science of the Total Environment</i> , 2018 , 635, 769-778	10.2	18
78	Changes in fertilizer categories significantly altered the estimates of ammonia volatilizations induced from increased synthetic fertilizer application to Chinese rice fields. <i>Agriculture, Ecosystems and Environment</i> , 2018 , 265, 112-122	5.7	16
77	Effects of soil moisture content on upland nitrogen loss. <i>Journal of Hydrology</i> , 2017 , 546, 71-80	6	21
76	An integrated package for drought monitoring, prediction and analysis to aid drought modeling and assessment. <i>Environmental Modelling and Software</i> , 2017 , 91, 199-209	5.2	48
75	Farmland shift due to climate warming and impacts on temporal-spatial distributions of water resources in a middle-high latitude agricultural watershed. <i>Journal of Hydrology</i> , 2017 , 547, 156-167	6	18
74	A review of diffuse pollution modeling and associated implications for watershed management in China. <i>Journal of Soils and Sediments</i> , 2017 , 17, 1527-1536	3.4	36
73	Toward a categorical drought prediction system based on U.S. Drought Monitor (USDM) and climate forecast. <i>Journal of Hydrology</i> , 2017 , 551, 300-305	6	15
72	Temporal-spatial patterns of three types of pesticide loadings in a middle-high latitude agricultural watershed. <i>Water Research</i> , 2017 , 122, 377-386	12.5	30

71	Farmland-atmosphere feedbacks amplify decreases in diffuse nitrogen pollution in a freeze-thaw agricultural area under climate warming conditions. <i>Science of the Total Environment</i> , 2017 , 579, 484-494	10.2	9
70	Long-term diffuse phosphorus pollution dynamics under the combined influence of land use and soil property variations. <i>Science of the Total Environment</i> , 2017 , 579, 1894-1903	10.2	15
69	Enabling electrical biomolecular detection in high ionic concentrations and enhancement of the detection limit thereof by coupling a nanofluidic crystal with reconfigurable ion concentration polarization. <i>Lab on A Chip</i> , 2017 , 17, 3772-3784	7.2	13
68	Nanofluidic crystals: nanofluidics in a close-packed nanoparticle array. <i>Lab on A Chip</i> , 2017 , 17, 3006-3025	7.2	11
67	Modified control strategies for critical source area of nitrogen (CSAN) in a typical freeze-thaw watershed. <i>Journal of Hydrology</i> , 2017 , 551, 518-531	6	16
66	Quantitative risk assessment of the effects of drought on extreme temperature in eastern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 9050-9059	4.4	24
65	Watershed soil Cd loss after long-term agricultural practice and biochar amendment under four rainfall levels. <i>Water Research</i> , 2017 , 122, 692-700	12.5	27
64	Temporal-spatial variation analysis of agricultural biomass and its policy implication as an alternative energy in northeastern China. <i>Energy Policy</i> , 2017 , 109, 337-349	7.2	19
63	Force fields of charged particles in micro-nanofluidic preconcentration systems. <i>AIP Advances</i> , 2017 , 7, 125020	1.5	17
62	Long-term agricultural non-point source pollution loading dynamics and correlation with outlet sediment geochemistry. <i>Journal of Hydrology</i> , 2016 , 540, 379-385	6	26
61	A Statistical Method for Categorical Drought Prediction Based on NLDAS-2. <i>Journal of Applied Meteorology and Climatology</i> , 2016 , 55, 1049-1061	2.7	23
60	Typical agricultural diffuse herbicide sorption with agricultural waste-derived biochars amended soil of high organic matter content. <i>Water Research</i> , 2016 , 92, 156-63	12.5	37
59	Temporal-spatial loss of diffuse pesticide and potential risks for water quality in China. <i>Science of the Total Environment</i> , 2016 , 541, 551-558	10.2	33
58	Soil respiration characteristics in different land uses and response of soil organic carbon to biochar addition in high-latitude agricultural area. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 2279-87	5.1	7
57	A comparison of general circulation models and their application to temperature change assessments in a high-latitude agricultural area in northeastern China. <i>Climate Dynamics</i> , 2016 , 47, 651-666	4.2	10
56	Satellite Remote Sensing Drought Monitoring and Predictions over the Globe 2016 , 259-296		1
55	Impact of Regional Management Alternatives and Land Conversion on the Net Primary Productivity in Heilongjiang Province, China. <i>Journal of Environmental Accounting and Management</i> , 2016 , 4, 45-58	2	2
54	Role of freeze-thaw cycles and chlorpyrifos insecticide use on diffuse Cd loss and sediment accumulation. <i>Scientific Reports</i> , 2016 , 6, 27302	4.9	7

53	Optimization of typical diffuse herbicide pollution control by soil amendment configurations under four levels of rainfall intensities. <i>Journal of Environmental Management</i> , 2016 , 175, 1-8	7.9	15
52	Combined impacts of precipitation and temperature on diffuse phosphorus pollution loading and critical source area identification in a freeze-thaw area. <i>Science of the Total Environment</i> , 2016 , 553, 607-616	10.2	20
51	Satellite-based estimation of watershed groundwater storage dynamics in a freeze-thaw area under intensive agricultural development. <i>Journal of Hydrology</i> , 2016 , 537, 96-105	6	9
50	A theoretical drought classification method for the multivariate drought index based on distribution properties of standardized drought indices. <i>Advances in Water Resources</i> , 2016 , 92, 240-247	4.7	34
49	Spatial impacts of climate factors on regional agricultural and forestry biomass resources in north-eastern province of China. <i>Frontiers of Environmental Science and Engineering</i> , 2016 , 10, 1	5.8	1
48	Soil respiration and carbon loss relationship with temperature and land use conversion in freeze-thaw agricultural area. <i>Science of the Total Environment</i> , 2015 , 533, 215-22	10.2	22
47	Watershed water circle dynamics during long term farmland conversion in freeze-thawing area. <i>Journal of Hydrology</i> , 2015 , 523, 555-562	6	17
46	Anthropogenic impact on diffuse trace metal accumulation in river sediments from agricultural reclamation areas with geochemical and isotopic approaches. <i>Science of the Total Environment</i> , 2015 , 536, 609-615	10.2	30
45	Multivariate interactions of natural and anthropogenic factors on Cd behavior in arable soil. <i>RSC Advances</i> , 2015 , 5, 41238-41247	3.7	6
44	Optimisation of corn straw biochar treatment with catalytic pyrolysis in intensive agricultural area. <i>Ecological Engineering</i> , 2015 , 84, 278-286	3.9	13
43	The washing effect of precipitation on particulate matter and the pollution dynamics of rainwater in downtown Beijing. <i>Science of the Total Environment</i> , 2015 , 505, 306-14	10.2	88
42	Paddy rice ecohydrology pattern and influence on nitrogen dynamics in middle-to-high latitude area. <i>Journal of Hydrology</i> , 2015 , 529, 1901-1908	6	10
41	A Supply-Chain Analysis Framework for Assessing Densified Biomass Solid Fuel Utilization Policies in China. <i>Energies</i> , 2015 , 8, 7122-7139	3.1	12
40	Vertical Distribution of Lead and Mercury in the Wetland Argialbolls of the Sanjiang Plain in Northeastern China. <i>PLoS ONE</i> , 2015 , 10, e0124294	3.7	4
39	In situ remediation of cadmium-polluted soil reusing four by-products individually and in combination. <i>Journal of Soils and Sediments</i> , 2014 , 14, 451-461	3.4	31
38	Long-term cultivation impact on the heavy metal behavior in a reclaimed wetland, Northeast China. <i>Journal of Soils and Sediments</i> , 2014 , 14, 567-576	3.4	19
37	Non-point source pollution dynamics under long-term agricultural development and relationship with landscape dynamics. <i>Ecological Indicators</i> , 2014 , 45, 579-589	5.8	56
36	Geochemical variability of heavy metals in soil after land use conversions in Northeast China and its environmental applications. <i>Environmental Sciences: Processes and Impacts</i> , 2014 , 16, 924-31	4.3	11

35	Vertical and horizontal distribution of soil parameters in intensive agricultural zone and effect on diffuse nitrogen pollution. <i>Soil and Tillage Research</i> , 2014 , 144, 32-40	6.5	15
34	Combine the soil water assessment tool (SWAT) with sediment geochemistry to evaluate diffuse heavy metal loadings at watershed scale. <i>Journal of Hazardous Materials</i> , 2014 , 280, 252-9	12.8	28
33	Dryland soil hydrological processes and their impacts on the nitrogen balance in a soil-maize system of a freeze-thawing agricultural area. <i>PLoS ONE</i> , 2014 , 9, e101282	3.7	3
32	Differences in soil organic carbon dynamics in paddy fields and drylands in northeast China using the CENTURY model. <i>Agriculture, Ecosystems and Environment</i> , 2014 , 194, 38-47	5.7	28
31	Nanofluidic crystal: a facile, high-efficiency and high-power-density scaling up scheme for energy harvesting based on nanofluidic reverse electrodialysis. <i>Nanotechnology</i> , 2013 , 24, 345401	3.4	45
30	Identification of sources of heavy metals in agricultural soils using multivariate analysis and GIS. <i>Journal of Soils and Sediments</i> , 2013 , 13, 720-729	3.4	100
29	Temporal rainfall patterns with water partitioning impacts on maize yield in a freeze-thaw zone. <i>Journal of Hydrology</i> , 2013 , 486, 412-419	6	19
28	Long-term soil nutrient dynamics comparison under smallholding land and farmland policy in northeast of China. <i>Science of the Total Environment</i> , 2013 , 450-451, 129-39	10.2	15
27	Effect of long-term agricultural cultivation and land use conversion on soil nutrient contents in the Sanjiang Plain. <i>Catena</i> , 2013 , 104, 243-250	5.8	45
26	Impact of crop patterns and cultivation on carbon sequestration and global warming potential in an agricultural freeze zone. <i>Ecological Modelling</i> , 2013 , 252, 228-237	3	21
25	Accumulated impact assessment of river buffer zone after 30 years of dam disturbance in the Yellow River Basin. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013 , 27, 1069-1079	3.5	8
24	Combined impacts of freeze-thaw processes on paddy land and dry land in Northeast China. <i>Science of the Total Environment</i> , 2013 , 456-457, 24-33	10.2	24
23	The effect on soil nutrients resulting from land use transformations in a freeze-thaw agricultural ecosystem. <i>Soil and Tillage Research</i> , 2013 , 132, 30-38	6.5	34
22	Synergistic impacts of land-use change and soil property variation on non-point source nitrogen pollution in a freeze-thaw area. <i>Journal of Hydrology</i> , 2013 , 495, 126-134	6	48
21	Properties comparison of biochars from corn straw with different pretreatment and sorption behaviour of atrazine. <i>Bioresource Technology</i> , 2013 , 147, 338-344	11	130
20	Phosphorus Fractions and Availability in an Albic Bleached Meadow Soil. <i>Agronomy Journal</i> , 2013 , 105, 1451-1457	2.2	6
19	Molecular Structure of Corn-cob-Derived Biochars and the Mechanism of Atrazine Sorption. <i>Agronomy Journal</i> , 2013 , 105, 773-782	2.2	49
18	Evaluating spatial interaction of soil property with non-point source pollution at watershed scale: the phosphorus indicator in Northeast China. <i>Science of the Total Environment</i> , 2012 , 432, 412-21	10.2	52

17	Assessing the Relationship Between Landscape Patterns and Nonpoint-Source Pollution in the Danjiangkou Reservoir Basin in China ¹ . <i>Journal of the American Water Resources Association</i> , 2012 , 48, 1162-1177	2.1	16
16	Integration of multi-sensor data to assess grassland dynamics in a Yellow River sub-watershed. <i>Ecological Indicators</i> , 2012 , 18, 163-170	5.8	25
15	Modeling urban storm rainfall runoff from diverse underlying surfaces and application for control design in Beijing. <i>Journal of Environmental Management</i> , 2012 , 113, 467-73	7.9	32
14	Effects of land use changes on the ecosystem service values of a reclamation farm in northeast China. <i>Environmental Management</i> , 2012 , 50, 888-99	3.1	59
13	The influence of land-use change on the forms of phosphorus in soil profiles from the Sanjiang Plain of China. <i>Geoderma</i> , 2012 , 189-190, 207-214	6.7	42
12	Vegetation NDVI Linked to Temperature and Precipitation in the Upper Catchments of Yellow River. <i>Environmental Modeling and Assessment</i> , 2012 , 17, 389-398	2	60
11	Cascade Dam-Induced Hydrological Disturbance and Environmental Impact in the Upper Stream of the Yellow River. <i>Water Resources Management</i> , 2011 , 25, 913-927	3.7	65
10	LUCC and landscape pattern variation of wetlands in warm-rainy Southern China over two decades. <i>Procedia Environmental Sciences</i> , 2010 , 2, 1296-1306		9
9	Chinese Strategic Environmental Assessment system and its application in water resources development plan of the Yellow River. <i>International Journal of Environment and Waste Management</i> , 2010 , 5, 181	0.9	1
8	Long-term vegetation landscape pattern with non-point source nutrient pollution in upper stream of Yellow River basin. <i>Journal of Hydrology</i> , 2010 , 389, 373-380	6	90
7	Soil erosion dynamics response to landscape pattern. <i>Science of the Total Environment</i> , 2010 , 408, 1358-66.2	66.2	97
6	Soil erosion and sediment yield and their relationships with vegetation cover in upper stream of the Yellow River. <i>Science of the Total Environment</i> , 2010 , 409, 396-403	10.2	87
5	Temporal-spatial dynamics of vegetation variation on non-point source nutrient pollution. <i>Ecological Modelling</i> , 2009 , 220, 2702-2713	3	39
4	Accumulated effects on landscape pattern by hydroelectric cascade exploitation in the Yellow River basin from 1977 to 2006. <i>Landscape and Urban Planning</i> , 2009 , 93, 163-171	7.7	26
3	Nonpoint source pollution responses simulation for conversion cropland to forest in mountains by SWAT in China. <i>Environmental Management</i> , 2008 , 41, 79-89	3.1	42
2	Regional Non point Source Organic Pollution Modeling and Critical Area Identification for Watershed Best Environmental Management. <i>Water, Air, and Soil Pollution</i> , 2007 , 187, 251-261	2.6	16
1	The non-point source pollution in livestock-breeding areas of the Heihe River basin in Yellow River. <i>Stochastic Environmental Research and Risk Assessment</i> , 2007 , 21, 213-221	3.5	35