

Ouyang Wei

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.

171
papers

3,827
citations

33
h-index

53
g-index

175
ext. papers

5,120
ext. citations

7.8
avg. IF

6.09
L-index

#	Paper	IF	Citations
171	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
170	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
169	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
168	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
167	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
166	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
165	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
164	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
163	Interactions of antimony with biomolecules and its effects on human health.. <i>Ecotoxicology and Environmental Safety</i> , 2022 , 233, 113317	7	1
162	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
161	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
160	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
159	Horizontal planetary mechanochemical method for rapid and efficient remediation of high-concentration lindane-contaminated soils in an alkaline environment.. <i>Journal of Hazardous Materials</i> , 2022 , 436, 129078	12.8	
158	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
157	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	
156	Vanadium pollution and health risks in marine ecosystems: Anthropogenic sources over natural contributions. <i>Water Research</i> , 2021 , 207, 117838	12.5	2
155	Microbial community structure and metabolic potential in the coastal sediments around the Yellow River Estuary. <i>Science of the Total Environment</i> , 2021 , 816, 151582	10.2	0

154	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
153	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
152	Efficient catalyst prepared from water treatment residuals and industrial glucose using hydrothermal treatment: Preparation, characterization and its catalytic performance for activating peroxymonosulfate to degrade imidacloprid.. <i>Chemosphere</i> , 2021 , 290, 133326	8.4	1
151	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
150	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
149	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
148	Ammonia volatilization modeling optimization for rice watersheds under climatic differences. <i>Science of the Total Environment</i> , 2021 , 767, 144710	10.2	0
147	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
146	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
145	Efficient removal of acetochlor pesticide from water using magnetic activated carbon: Adsorption performance, mechanism, and regeneration exploration. <i>Science of the Total Environment</i> , 2021 , 778, 146353	10.2	20
144	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
143	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
142	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
141	Increased plastic pollution due to COVID-19 pandemic: Challenges and recommendations. <i>Chemical Engineering Journal</i> , 2021 , 405, 126683	14.7	272
140	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
139	Typical herbicide residues, trophic transfer, bioconcentration, and health risk of marine organisms. <i>Environment International</i> , 2021 , 152, 106500	12.9	1
138	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
137	Potential of paddy drainage optimization to water and food security in China. <i>Resources, Conservation and Recycling</i> , 2021 , 171, 105624	11.9	1

136	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
135	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
134	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
133	Trophic transfer and dietary exposure risk of mercury in aquatic organisms from urbanized coastal ecosystems. <i>Chemosphere</i> , 2021 , 281, 130836	8.4	5
132	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
131	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
130	Effects of antimony (III/V) on microbial activities and bacterial community structure in soil. <i>Science of the Total Environment</i> , 2021 , 789, 148073	10.2	7
129	Rainfall stimulates large carbon dioxide emission during growing season in a forest wetland catchment. <i>Journal of Hydrology</i> , 2021 , 602, 126892	6	1
128	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
127	Toxicity and bioavailability of antimony to the earthworm (<i>Eisenia fetida</i>) in different agricultural soils. <i>Environmental Pollution</i> , 2021 , 291, 118215	9.3	4
126	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
125	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
124	Mechanochemical treatment with CaO-activated PDS of HCB contaminated soils. <i>Chemosphere</i> , 2020 , 257, 127207	8.4	8
123	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
122	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
121	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
120	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
119	Diffuse nitrogen pollution in a forest-dominated watershed: Source, transport and removal. <i>Journal of Hydrology</i> , 2020 , 585, 124833	6	7

118	Seasonal relevance of agricultural diffuse pollutant with microplastic in the bay. <i>Journal of Hazardous Materials</i> , 2020 , 396, 122602	12.8	18
117	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
116	Mechanism of birnessite-promoted oxidative dissolution of antimony trioxide. <i>Environmental Chemistry</i> , 2020 , 17, 345	3.2	8
115	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
114	Simultaneous electrochemical determination of Sb(III) and Sb(V) in Water samples: Deposition potential differences and Sb(III) photooxidation characteristics. <i>Sensors and Actuators B: Chemical</i> , 2020 , 305, 127454	8.5	7
113	Changing runoff due to temperature and precipitation variations in the dammed Jinsha River. <i>Journal of Hydrology</i> , 2020 , 582, 124500	6	22
112	Airborne bacterial communities and antibiotic resistance gene dynamics in PM during rainfall. <i>Environment International</i> , 2020 , 134, 105318	12.9	19
111	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
110	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
109	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
108	Distribution, source, and ecological risks of polycyclic aromatic hydrocarbons in Lake Qinghai, China. <i>Environmental Pollution</i> , 2020 , 266, 115401	9.3	10
107	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
106	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
105	Activation of peroxymonosulfate using drinking water treatment residuals modified by hydrothermal treatment for imidacloprid degradation. <i>Chemosphere</i> , 2020 , 254, 126820	8.4	13
104	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
103	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
102	Occurrence, transportation, and distribution difference of typical herbicides from estuary to bay. <i>Environment International</i> , 2019 , 130, 104858	12.9	24
101	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

100	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
99	Persulfate-based advanced oxidation processes (AOPs) for organic-contaminated soil remediation: A review. <i>Chemical Engineering Journal</i> , 2019 , 372, 836-851	14.7	214
98	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
97	Characteristics and secondary formation of water-soluble organic acids in PM ₁₀ , PM _{2.5} and PM ₁ in Beijing during haze episodes. <i>Science of the Total Environment</i> , 2019 , 669, 175-184	10.2	25
96	SWAT-N ₂ O coupler: An integration tool for soil N ₂ O emission modeling. <i>Environmental Modelling and Software</i> , 2019 , 115, 86-97	5.2	6
95	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
94	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
93	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
92	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
91	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
90	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
89	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
88	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
87	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
86	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
85	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
84	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
83	Effects of soil moisture content on upland nitrogen loss. <i>Journal of Hydrology</i> , 2017 , 546, 71-80	6	21

82	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
81	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
80	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
79	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
78	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
77	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
76	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
75	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
74	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
73	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
72	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
71	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
70	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
69	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
68	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
67	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
66	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
65	Satellite Remote Sensing Drought Monitoring and Predictions over the Globe 2016 , 259-296		1

64	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
63	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
62	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
61	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
60	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
59	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
58	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
57	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
56	Watershed water circle dynamics during long term farmland conversion in freeze-thawing area. <i>Journal of Hydrology</i> , 2015 , 523, 555-562	6	17
55	Coupling the Xinanjiang model with geomorphologic instantaneous unit hydrograph for flood forecasting in northeast China. <i>International Soil and Water Conservation Research</i> , 2015 , 3, 66-76	6.9	10
54	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
53	Multivariate interactions of natural and anthropogenic factors on Cd behavior in arable soil. <i>RSC Advances</i> , 2015 , 5, 41238-41247	3.7	6
52	Optimisation of corn straw biochar treatment with catalytic pyrolysis in intensive agricultural area. <i>Ecological Engineering</i> , 2015 , 84, 278-286	3.9	13
51	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
50	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
49	Arsenic profile distribution of the wetland argialbolls in the Sanjiang Plain of northeastern China. <i>Scientific Reports</i> , 2015 , 5, 10766	4.9	8
48	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
47	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

46	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
45	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
44	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
43	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
42	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
41	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
40	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
39	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
38	Contents and chemical forms of heavy metals in school and roadside topsoils and road-surface dust of Beijing. <i>Journal of Soils and Sediments</i> , 2014 , 14, 1806-1817	3.4	19
37	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
36	Spatial and temporal trend of Chinese manure nutrient pollution and assimilation capacity of cropland and grassland. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 5036-46	5.1	14
35	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
34	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
33	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
32	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
31	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
30	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
29	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

28	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
27	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
26	Phosphorus Fractions and Availability in an Albic Bleached Meadow Soil. <i>Agronomy Journal</i> , 2013 , 105, 1451-1457	2.2	6
25	Molecular Structure of Corn-cob-Derived Biochars and the Mechanism of Atrazine Sorption. <i>Agronomy Journal</i> , 2013 , 105, 773-782	2.2	49
24	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
23	Assessing the Relationship Between Landscape Patterns and Nonpoint-Source Pollution in the Danjiangkou Reservoir Basin in China. <i>Journal of the American Water Resources Association</i> , 2012 , 48, 1162-1177	2.1	16
22	Vertical distribution of rare earth elements in a wetland soil core from the Sanjiang Plain in China. <i>Journal of Rare Earths</i> , 2012 , 30, 731-738	3.7	23
21	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
20	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
19	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
18	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
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