

Ouyang Wei

List of Publications by Citations

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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	Increased plastic pollution due to COVID-19 pandemic: Challenges and recommendations. <i>Chemical Engineering Journal</i> , 2021 , 405, 126683	14.7	272
170	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
169	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
168	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
167	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
166	Soil erosion dynamics response to landscape pattern. <i>Science of the Total Environment</i> , 2010 , 408, 1358-66.2	6.2	97
165	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
164	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
163	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
162	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
161	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
160	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
159	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
158	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
157	Comparison of bio-augmentation and composting for remediation of oily sludge: A field-scale study in China. <i>Process Biochemistry</i> , 2005 , 40, 3763-3768	4.8	54
156	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
155	Molecular Structure of Corncob-Derived Biochars and the Mechanism of Atrazine Sorption. <i>Agronomy Journal</i> , 2013 , 105, 773-782	2.2	49

154	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
153	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
152	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
151	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
150	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
149	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
148	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
147	Catalytic oxidation of contaminants by Fe0 activated peroxy monosulfate process: Fe(IV) involvement, degradation intermediates and toxicity evaluation. <i>Chemical Engineering Journal</i> , 2020 , 382, 123013	14.7	40
146	Temporal-spatial dynamics of vegetation variation on non-point source nutrient pollution. <i>Ecological Modelling</i> , 2009 , 220, 2702-2713	3	39
145	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
144	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
143	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
142	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
141	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
140	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
139	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
138	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
137	Vegetation response to 30years hydropower cascade exploitation in upper stream of Yellow River. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2010 , 15, 1928-1941	3.7	33

136	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
135	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
134	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
133	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
132	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
131	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
130	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
129	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
128	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
127	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
126	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
125	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
124	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
123	Occurrence, transportation, and distribution difference of typical herbicides from estuary to bay. <i>Environment International</i> , 2019 , 130, 104858	12.9	24
122	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
121	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
120	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
119	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

118	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
117	Changing runoff due to temperature and precipitation variations in the dammed Jinsha River. <i>Journal of Hydrology</i> , 2020 , 582, 124500	6	22
116	Effects of soil moisture content on upland nitrogen loss. <i>Journal of Hydrology</i> , 2017 , 546, 71-80	6	21
115	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
114	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
113	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
112	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
111	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
110	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
109	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
108	Airborne bacterial communities and antibiotic resistance gene dynamics in PM during rainfall. <i>Environment International</i> , 2020 , 134, 105318	12.9	19
107	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
106	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
105	Seasonal relevance of agricultural diffuse pollutant with microplastic in the bay. <i>Journal of Hazardous Materials</i> , 2020 , 396, 122602	12.8	18
104	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
103	Watershed water circle dynamics during long term farmland conversion in freeze-thawing area. <i>Journal of Hydrology</i> , 2015 , 523, 555-562	6	17
102	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
101	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

100	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
99	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
98	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
97	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
96	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
95	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
94	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
93	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
92	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
91	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
90	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
89	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
88	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
87	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
86	Optimisation of corn straw biochar treatment with catalytic pyrolysis in intensive agricultural area. <i>Ecological Engineering</i> , 2015 , 84, 278-286	3.9	13
85	Activation of peroxymonosulfate using drinking water treatment residuals modified by hydrothermal treatment for imidacloprid degradation. <i>Chemosphere</i> , 2020 , 254, 126820	8.4	13
84	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
83	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

82	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
81	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
80	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
79	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
78	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
77	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
76	Applying Multi-source Remote Sensing Data on Estimating Ecological Water Requirement of Grassland in Ungauged Region. <i>Procedia Environmental Sciences</i> , 2010 , 2, 953-963		10
75	Distribution, source, and ecological risks of polycyclic aromatic hydrocarbons in Lake Qinghai, China. <i>Environmental Pollution</i> , 2020 , 266, 115401	9.3	10
74	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
73	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
72	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
71	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
70	Mechanochemical treatment with CaO-activated PDS of HCB contaminated soils. <i>Chemosphere</i> , 2020 , 257, 127207	8.4	8
69	Arsenic profile distribution of the wetland argillaceous soils in the Sanjiang Plain of northeastern China. <i>Scientific Reports</i> , 2015 , 5, 10766	4.9	8
68	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
67	Mechanism of birnessite-promoted oxidative dissolution of antimony trioxide. <i>Environmental Chemistry</i> , 2020 , 17, 345	3.2	8
66	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
65	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

64	Diffuse nitrogen pollution in a forest-dominated watershed: Source, transport and removal. <i>Journal of Hydrology</i> , 2020 , 585, 124833	6	7
63	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 ¹	5.1	7
62	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
61	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
60	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
59	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
58	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
57	SWAT-N2O coupler: An integration tool for soil N2O emission modeling. <i>Environmental Modelling and Software</i> , 2019 , 115, 86-97	5.2	6
56	Multivariate interactions of natural and anthropogenic factors on Cd behavior in arable soil. <i>RSC Advances</i> , 2015 , 5, 41238-41247	3.7	6
55	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
54	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
53	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
52	Phosphorus Fractions and Availability in an Albic Bleached Meadow Soil. <i>Agronomy Journal</i> , 2013 , 105, 1451-1457	2.2	6
51	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}	12.8	6
50	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
49	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
48	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
47	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

46	Trophic transfer and dietary exposure risk of mercury in aquatic organisms from urbanized coastal ecosystems. <i>Chemosphere</i> , 2021 , 281, 130836	8.4	5
45	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
44	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
43	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
42	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
41	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
40	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
39	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
38	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
37	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
36	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
35	Desert disturbance assessments of regional oil exploitation by Aster and ETM+ images in Taklimakan Desert China. <i>Environmental Monitoring and Assessment</i> , 2008 , 144, 159-68	3.1	3
34	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
33	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
32	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
31	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
30	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
29	Vanadium pollution and health risks in marine ecosystems: Anthropogenic sources over natural contributions. <i>Water Research</i> , 2021 , 207, 117838	12.5	2

28	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
27	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
26	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
25	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
24	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
23	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
22	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
21	Satellite Remote Sensing Drought Monitoring and Predictions over the Globe 2016 , 259-296		1
20	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
19	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
18	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
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