

Ouyang Wei

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5196388/publications.pdf>

Version: 2024-02-01

174
papers

6,455
citations

70961

41
h-index

91712

69
g-index

175
all docs

175
docs citations

175
times ranked

6454
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased plastic pollution due to COVID-19 pandemic: Challenges and recommendations. <i>Chemical Engineering Journal</i> , 2021, 405, 126683.	6.6	552
2	Persulfate-based advanced oxidation processes (AOPs) for organic-contaminated soil remediation: A review. <i>Chemical Engineering Journal</i> , 2019, 372, 836-851.	6.6	435
3	Heavy metal loss from agricultural watershed to aquatic system: A scientometrics review. <i>Science of the Total Environment</i> , 2018, 637-638, 208-220.	3.9	178
4	Properties comparison of biochars from corn straw with different pretreatment and sorption behaviour of atrazine. <i>Bioresource Technology</i> , 2013, 147, 338-344.	4.8	156
5	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.	3.9	138
6	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.	1.5	129
7	Soil erosion dynamics response to landscape pattern. <i>Science of the Total Environment</i> , 2010, 408, 1358-1366.	3.9	124
8	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, 306-314.	3.9	124
9	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.	2.3	120
10	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.	3.9	117
11	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.	4.8	104
12	Catalytic oxidation of contaminants by FeO activated peroxydisulfate process: Fe(IV) involvement, degradation intermediates and toxicity evaluation. <i>Chemical Engineering Journal</i> , 2020, 382, 123013.	6.6	103
13	Vegetation NDVI Linked to Temperature and Precipitation in the Upper Catchments of Yellow River. <i>Environmental Modeling and Assessment</i> , 2012, 17, 389-398.	1.2	88
14	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.	5.3	83
15	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.	1.9	78
16	Effects of Land Use Changes on the Ecosystem Service Values of a Reclamation Farm in Northeast China. <i>Environmental Management</i> , 2012, 50, 888-899.	1.2	77
17	Non-point source pollution dynamics under long-term agricultural development and relationship with landscape dynamics. <i>Ecological Indicators</i> , 2014, 45, 579-589.	2.6	74
18	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.	1.8	68

#	ARTICLE	IF	CITATIONS
19	Molecular Structure of Corncobâ€Derived Biochars and the Mechanism of Atrazine Sorption. <i>Agronomy Journal</i> , 2013, 105, 773-782.	0.9	67
20	Assessment of soil erosion characteristics in response to temperature and precipitation in a freeze-thaw watershed. <i>Geoderma</i> , 2018, 328, 56-65.	2.3	63
21	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.	1.9	62
22	Evaluating spatial interaction of soil property with nonâ€point source pollution at watershed scale: The phosphorus indicator in Northeast China. <i>Science of the Total Environment</i> , 2012, 432, 412-421.	3.9	60
23	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.	3.9	57
24	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.	2.2	56
25	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.	1.7	56
26	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.	5.3	56
27	Typical agricultural diffuse herbicide sorption with agricultural waste-derived biochars amended soil of high organic matter content. <i>Water Research</i> , 2016, 92, 156-163.	5.3	54
28	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.	6.5	54
29	Synergistic impacts of land-use change and soil property variation on non-point source nitrogen pollution in a freezeâ€thaw area. <i>Journal of Hydrology</i> , 2013, 495, 126-134.	2.3	53
30	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.	1.5	53
31	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.	6.5	52
32	Temporal-spatial patterns of three types of pesticide loadings in a middle-high latitude agricultural watershed. <i>Water Research</i> , 2017, 122, 377-386.	5.3	51
33	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.	2.3	51
34	Nonpoint Source Pollution Responses Simulation for Conversion Cropland to Forest in Mountains by SWAT in China. <i>Environmental Management</i> , 2008, 41, 79-89.	1.2	48
35	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.	2.3	48
36	Changing runoff due to temperature and precipitation variations in the dammed Jinsha River. <i>Journal of Hydrology</i> , 2020, 582, 124500.	2.3	48

#	ARTICLE	IF	CITATIONS
37	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.	3.9	48
38	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.	3.9	45
39	Temporal-spatial dynamics of vegetation variation on non-point source nutrient pollution. <i>Ecological Modelling</i> , 2009, 220, 2702-2713.	1.2	44
40	Occurrence, transportation, and distribution difference of typical herbicides from estuary to bay. <i>Environment International</i> , 2019, 130, 104858.	4.8	44
41	Seasonal relevance of agricultural diffuse pollutant with microplastic in the bay. <i>Journal of Hazardous Materials</i> , 2020, 396, 122602.	6.5	44
42	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.	2.6	43
43	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.	1.2	43
44	Watershed soil Cd loss after long-term agricultural practice and biochar amendment under four rainfall levels. <i>Water Research</i> , 2017, 122, 692-700.	5.3	43
45	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.	6.5	43
46	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.	1.9	40
47	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.	1.7	40
48	Characteristics and secondary formation of water-soluble organic acids in PM1, PM2.5 and PM10 in Beijing during haze episodes. <i>Science of the Total Environment</i> , 2019, 669, 175-184.	3.9	40
49	Modeling urban storm rainfall runoff from diverse underlying surfaces and application for control design in Beijing. <i>Journal of Environmental Management</i> , 2012, 113, 467-473.	3.8	39
50	Occurrence, migration, and allocation of arsenic in multiple media of a typical semi-enclosed bay. <i>Journal of Hazardous Materials</i> , 2020, 384, 121313.	6.5	39
51	Dynamic flow and pollution of antimony from polyethylene terephthalate (PET) fibers in China. <i>Science of the Total Environment</i> , 2021, 771, 144643.	3.9	39
52	Exposure inequality assessment for PM2.5 and the potential association with environmental health in Beijing. <i>Science of the Total Environment</i> , 2018, 635, 769-778.	3.9	37
53	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.	3.9	36
54	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.	2.5	36

#	ARTICLE	IF	CITATIONS
55	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.	1.5	36
56	Long-term agricultural non-point source pollution loading dynamics and correlation with outlet sediment geochemistry. <i>Journal of Hydrology</i> , 2016, 540, 379-385.	2.3	36
57	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.	3.7	36
58	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, 252-259.	6.5	35
59	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.	3.9	35
60	Effects of soil moisture content on upland nitrogen loss. <i>Journal of Hydrology</i> , 2017, 546, 71-80.	2.3	35
61	Uptake, translocation and phytotoxicity of antimonite in wheat (<i>Triticum aestivum</i>). <i>Science of the Total Environment</i> , 2019, 669, 421-430.	3.9	34
62	Airborne bacterial communities and antibiotic resistance gene dynamics in PM2.5 during rainfall. <i>Environment International</i> , 2020, 134, 105318.	4.8	32
63	Effects of antimony (III/IV) on microbial activities and bacterial community structure in soil. <i>Science of the Total Environment</i> , 2021, 789, 148073.	3.9	31
64	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.	6.6	30
65	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.	3.4	29
66	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, 215-222.	3.9	29
67	Heavy metal accumulation, geochemical fractions, and loadings in two agricultural watersheds with distinct climate conditions. <i>Journal of Hazardous Materials</i> , 2020, 389, 122125.	6.5	29
68	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.	3.7	29
69	Distribution, source, and ecological risks of polycyclic aromatic hydrocarbons in Lake Qinghai, China. <i>Environmental Pollution</i> , 2020, 266, 115401.	3.7	28
70	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.	6.5	28
71	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.	5.3	28
72	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.	2.5	27

#	ARTICLE	IF	CITATIONS
73	Integration of multi-sensor data to assess grassland dynamics in a Yellow River sub-watershed. <i>Ecological Indicators</i> , 2012, 18, 163-170.	2.6	27
74	A Statistical Method for Categorical Drought Prediction Based on NLDAS-2. <i>Journal of Applied Meteorology and Climatology</i> , 2016, 55, 1049-1061.	0.6	27
75	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.	3.9	27
76	Activation of peroxymonosulfate using drinking water treatment residuals modified by hydrothermal treatment for imidacloprid degradation. <i>Chemosphere</i> , 2020, 254, 126820.	4.2	27
77	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.	4.6	25
78	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.	3.9	25
79	Interactions of antimony with biomolecules and its effects on human health. <i>Ecotoxicology and Environmental Safety</i> , 2022, 233, 113317.	2.9	25
80	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.	1.5	24
81	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.	3.9	24
82	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.	2.5	24
83	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.	1.1	23
84	Drainage optimization of paddy field watershed for diffuse phosphorus pollution control and sustainable agricultural development. <i>Agriculture, Ecosystems and Environment</i> , 2021, 308, 107238.	2.5	23
85	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.	1.0	22
86	Temporal rainfall patterns with water partitioning impacts on maize yield in a freeze-thaw zone. <i>Journal of Hydrology</i> , 2013, 486, 412-419.	2.3	22
87	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.	1.2	22
88	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.	2.3	22
89	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.	4.2	22
90	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.	3.9	22

#	ARTICLE	IF	CITATIONS
91	Vanadium pollution and health risks in marine ecosystems: Anthropogenic sources over natural contributions. <i>Water Research</i> , 2021, 207, 117838.	5.3	22
92	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.	1.5	21
93	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.	2.3	21
94	Typical herbicide residues, trophic transfer, bioconcentration, and health risk of marine organisms. <i>Environment International</i> , 2021, 152, 106500.	4.8	21
95	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.	2.2	21
96	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.	2.3	20
97	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.	3.9	20
98	Trophic transfer and dietary exposure risk of mercury in aquatic organisms from urbanized coastal ecosystems. <i>Chemosphere</i> , 2021, 281, 130836.	4.2	20
99	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, 129-139.	3.9	19
100	Optimisation of corn straw biochar treatment with catalytic pyrolysis in intensive agricultural area. <i>Ecological Engineering</i> , 2015, 84, 278-286.	1.6	19
101	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.	3.7	19
102	Simultaneous stabilization of Sb and As co-contaminated soil by Fe Mg modified biochar. <i>Science of the Total Environment</i> , 2022, 830, 154831.	3.9	19
103	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, 5036-5046.	2.7	18
104	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, 924-931.	1.7	18
105	Watershed water circle dynamics during long term farmland conversion in freeze-thawing area. <i>Journal of Hydrology</i> , 2015, 523, 555-562.	2.3	18
106	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.	3.8	18
107	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.	3.9	18
108	Interactions between rainfall and fine particulate matter investigated by simultaneous chemical composition measurements in downtown Beijing. <i>Atmospheric Environment</i> , 2019, 218, 117000.	1.9	18

#	ARTICLE	IF	CITATIONS
109	Watershed diffuse pollution dynamics and response to land development assessment with riverine sediments. <i>Science of the Total Environment</i> , 2019, 659, 283-292.	3.9	18
110	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.	6.5	18
111	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.	3.9	18
112	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.	2.6	17
113	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.	3.0	17
114	Mechanochemical treatment with CaO-activated PDS of HCB contaminated soils. <i>Chemosphere</i> , 2020, 257, 127207.	4.2	17
115	Diffuse nitrogen pollution in a forest-dominated watershed: Source, transport and removal. <i>Journal of Hydrology</i> , 2020, 585, 124833.	2.3	17
116	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.	1.2	17
117	Toxicity and bioavailability of antimony to the earthworm (<i>Eisenia fetida</i>) in different agricultural soils. <i>Environmental Pollution</i> , 2021, 291, 118215.	3.7	17
118	A Supply-Chain Analysis Framework for Assessing Densified Biomass Solid Fuel Utilization Policies in China. <i>Energies</i> , 2015, 8, 7122-7139.	1.6	16
119	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.	1.8	16
120	Influence of Fe(II) on Sb(III) oxidation and adsorption by MnO ₂ under acidic conditions. <i>Science of the Total Environment</i> , 2020, 724, 138209.	3.9	16
121	Quantify phosphorus transport distinction of different reaches to estuary under long-term anthropogenic perturbation. <i>Science of the Total Environment</i> , 2021, 780, 146647.	3.9	16
122	Potential of paddy drainage optimization to water and food security in China. <i>Resources, Conservation and Recycling</i> , 2021, 171, 105624.	5.3	16
123	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.	5.3	15
124	Optimization of SWAT-Paddy for modeling hydrology and diffuse pollution of large rice paddy fields. <i>Environmental Modelling and Software</i> , 2020, 130, 104736.	1.9	15
125	Considering atmospheric N ₂ O dynamic in SWAT model avoids the overestimation of N ₂ O emissions in river networks. <i>Water Research</i> , 2020, 174, 115624.	5.3	15
126	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> , 2022, 810, 152290.	3.9	15

#	ARTICLE	IF	CITATIONS
127	Farmlandâ€™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.	3.9	14
128	Seasonal occurrence, allocation and ecological risk of organophosphate esters in a typical urbanized semi-closed bay. <i>Environmental Pollution</i> , 2021, 290, 118074.	3.7	14
129	Paddy rice ecohydrology pattern and influence on nitrogen dynamics in middle-to-high latitude area. <i>Journal of Hydrology</i> , 2015, 529, 1901-1908.	2.3	13
130	Seasonal variations in atrazine degradation in a typical semienclosed bay of the northwest Pacific ocean. <i>Environmental Pollution</i> , 2021, 283, 117072.	3.7	13
131	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.	1.3	12
132	LUCC and landscape pattern variation of wetlands in warm-rainy Southern China over two decades. <i>Procedia Environmental Sciences</i> , 2010, 2, 1296-1306.	1.3	12
133	Satellite-based estimation of watershed groundwater storage dynamics in a freezeâ€™thaw area under intensive agricultural development. <i>Journal of Hydrology</i> , 2016, 537, 96-105.	2.3	12
134	Typical pesticides diffuse loading and degradation pattern differences under the impacts of climate and land-use variations. <i>Environment International</i> , 2020, 139, 105717.	4.8	12
135	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> , 2022, 290, 133326.	4.2	12
136	Accumulated impact assessment of river buffer zone after 30Âyears of dam disturbance in the Yellow River Basin. <i>Stochastic Environmental Research and Risk Assessment</i> , 2013, 27, 1069-1079.	1.9	11
137	SWAT-N2O coupler: An integration tool for soil N2O emission modeling. <i>Environmental Modelling and Software</i> , 2019, 115, 86-97.	1.9	11
138	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.	2.3	11
139	Arsenic profile distribution of the wetland argialbolls in the Sanjiang plain of northeastern China. <i>Scientific Reports</i> , 2015, 5, 10766.	1.6	10
140	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.	1.7	10
141	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.	4.0	10
142	Role of freeze-thaw cycles and chlorpyrifos insecticide use on diffuse Cd loss and sediment accumulation. <i>Scientific Reports</i> , 2016, 6, 27302.	1.6	9
143	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, 2279-2287.	2.7	9
144	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.	3.9	9

#	ARTICLE	IF	CITATIONS
145	Phosphorus Fractions and Availability in an Albic Bleached Meadow Soil. <i>Agronomy Journal</i> , 2013, 105, 1451-1457.	0.9	8
146	Multivariate interactions of natural and anthropogenic factors on Cd behavior in arable soil. <i>RSC Advances</i> , 2015, 5, 41238-41247.	1.7	8
147	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.	4.2	8
148	Mechanism of birnessite-promoted oxidative dissolution of antimony trioxide. <i>Environmental Chemistry</i> , 2020, 17, 345.	0.7	8
149	Synergetic loss of heavy metal and phosphorus: Evidence from geochemical fraction and estuary sedimentation. <i>Journal of Hazardous Materials</i> , 2021, 416, 125710.	6.5	7
150	Sorption dynamics, geochemical fraction and driving factors in phosphorus transport at large basin scale. <i>Journal of Cleaner Production</i> , 2021, 294, 126111.	4.6	6
151	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.	2.3	6
152	Microbial community structure and metabolic potential in the coastal sediments around the Yellow River Estuary. <i>Science of the Total Environment</i> , 2022, 816, 151582.	3.9	6
153	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.	6.5	6
154	Enhanced release, export, and transport of diffuse nutrients from litter in forested watersheds with climate warming. <i>Science of the Total Environment</i> , 2022, 837, 155897.	3.9	6
155	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.	1.7	5
156	Rainfall stimulates large carbon dioxide emission during growing season in a forest wetland catchment. <i>Journal of Hydrology</i> , 2021, 602, 126892.	2.3	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.	2.3	5
158	Diffuse nutrient export dynamics from accumulated litterfall in forested watersheds with remote sensing data coupled model. <i>Water Research</i> , 2022, 209, 117948.	5.3	5
159	Historical records of trace metals in two sediment cores of Jiaozhou Bay, north China. <i>Marine Pollution Bulletin</i> , 2022, 175, 113400.	2.3	5
160	Deep insight into the Sb(III) and Sb(V) removal mechanism by Fe-Cu-chitosan material. <i>Environmental Pollution</i> , 2022, 303, 119160.	3.7	5
161	Vertical Distribution of Lead and Mercury in the Wetland Argialbolls of the Sanjiang Plain in Northeastern China. <i>PLoS ONE</i> , 2015, 10, e0124294.	1.1	4
162	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.	3.9	4

#	ARTICLE	IF	CITATIONS
163	Desert disturbance assessments of regional oil exploitation by Aster and ETM+ images in Taklimakan Desert China. <i>Environmental Monitoring and Assessment</i> , 2008, 144, 159-168.	1.3	3
164	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.	1.1	3
165	Ammonia volatilization modeling optimization for rice watersheds under climatic differences. <i>Science of the Total Environment</i> , 2021, 767, 144710.	3.9	3
166	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.	3.3	2
167	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.	0.3	2
168	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.	3.9	2
169	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.	0.2	1
170	Typical agricultural diffuse herbicide sorption with agricultural waste-derived biochars amended soil of high organic matter content. , 2016, 92, 156-156.		1
171	Satellite Remote Sensing Drought Monitoring and Predictions over the Globe. , 2016, , 259-296.		1
172	Experimental Studying Polluted Water Treatment in Northern China. <i>Water Resources</i> , 2005, 32, 456-459.	0.3	0
173	Characteristics analysis of first flush effect on runoff pollutants from different urban underlying surfaces. , 2010, , .		0
174	Integrated Ecohydrological Models in Aquatic Ecosystems. <i>Water (Switzerland)</i> , 2022, 14, 204.	1.2	0