Xiaofei Yu

List of Publications by Year
in descending order

35	777	623734	526287
papers	citations	14 h-index	27 g-index

38	38	38	824
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Altered soil carbon and nitrogen cycles due to the freeze-thaw effect: A meta-analysis. Soil Biology and Biochemistry, 2017, 109, 35-49.	8.8	150
2	Response of soil constituents to freezeâ€“thaw cycles in wetland soil solution. Soil Biology and Biochemistry, 2011, 43, 1308-1320.	8.8	61
3	Water use conflict between wetland and agriculture. Journal of Environmental Management, 2018, 224, 140-146.	7.8	55
4	Recent atmospheric dust deposition in an ombrotrophic peat bog in Great Hinggan Mountain, Northeast China. Science of the Total Environment, 2012, 431, 33-45.	8.0	51
5	Recent Carbon Accumulation in Changbai Mountain Peatlands, Northeast China. Mountain Research and Development, 2010, 30, 33-41.	1.0	46
6	Impacts of Agricultural and Reclamation Practices on Wetlands in the Amur River Basin, Northeastern China. Wetlands, 2018, 38, 383-389.	1.5	38
7	Iron-bound organic carbon is conserved in the rhizosphere soil of freshwater wetlands. Soil Biology and Biochemistry, 2020, 149, 107949.	8.8	35
8	A consistent ecosystem services valuation method based on Total Economic Value and Equivalent Value Factors: A case study in the Sanjiang Plain, Northeast China. Ecological Complexity, 2017, 29, 40-48.	2.9	34
9	Review of Rapid Transformation of Floodplain Wetlands in Northeast China: Roles of Human Development and Global Environmental Change. Chinese Geographical Science, 2018, 28, 654-664.	3.0	34
10	Thin ferrihydrite sediment capping sequestrates phosphorus experiencing redox conditions in a shallow temperate lacustrine wetland. Chemosphere, 2017, 185, 673-680.	8.2	28
11	Stimulation of nitrogen turnover due to nutrients release from aggregates affected by freeze-thaw in wetland soils. Physics and Chemistry of the Earth, 2017, 97, 3-11.	2.9	27
12	Freeze-thaw effects on sorption/desorption of dissolved organic carbon in wetland soils. Chinese Geographical Science, 2010, 20, 209-217.	3.0	21
13	Effect of fire on phosphorus forms in Sphagnum moss and peat soils of ombrotrophic bogs. Chemosphere, 2015, 119, 1329-1334.	8.2	20
14	Application of ferrihydrite and calcite as composite sediment capping materials in a eutrophic lake. Journal of Soils and Sediments, 2018, 18, 1185-1193.	3.0	15
15	Distribution and biological cycle of iron in freshwater peatlands of Sanjiang Plain, Northeast China. Geoderma, 2011, 164, 238-248.	5.1	14
16	Forms and accumulation of soil P in a subalpine peatland of Mt. Changbai in Northeast China. Catena, 2012, 92, 22-29.	5.0	14
17	Wetland saturation with introduced Fe(III) reduces total carbon emissions and promotes the sequestration of DOC. Geoderma, 2018, 325, 141-151.	5.1	14
18	Effects of Pipeline Construction on Wetland Ecosystems: Russiaâ€“China Oil Pipeline Project (Mohe-Daqing Section). Ambio, 2010, 39, 447-450.	5.5	12

#	Article	IF	Citations
19	Distribution characteristics of iron, carbon, nitrogen and phosphorus in the surface soils of different land use types near Xingkai Lake. Journal of Soils and Sediments, 2019, 19, 275-285.	3.0	12
20	Comparative analyses of wetland plant biomass accumulation and litter decomposition subject to in situ warming and nitrogen addition. Science of the Total Environment, 2019, 691, 769-778.	8.0	11
21	Wetland plant litter decomposition occurring during the freeze season under disparate flooded conditions. Science of the Total Environment, 2020, 706, 136091.	8.0	10
22	Potential in paleoclimate reconstruction of modern pollen assemblages from natural and human-induced vegetation along the Heilongjiang River basin, NE China. Science of the Total Environment, 2020, 745, 141121.	8.0	10
23	Temperature influence on peatland carbon accumulation over the last century in Northeast China. Climate Dynamics, 2019, 53, 2161-2173.	3.8	9
24	Synthesis, Characterization, and Biological Evaluation of Novel 7-Oxo-7H-thiazolo[3,2-b]-1,2,4-triazine-2-carboxylic Acid Derivatives. Molecules, 2020, 25, 1307.	3.8	9
25	Surface Sediments in the Marsh-Sandy Land Transitional Area: Sandification in the Western Songnen Plain, China. PLoS ONE, 2014, 9, e99715.	2.5	8
26	Palaeovegetation of Honghe wetland in Sanjiang Plain as a basis for conservation management and restoration. Ecological Engineering, 2016, 96, 79-85.	3.6	6
27	Effects of Aeration, Vegetation, and Iron Input on Total P Removal in a Lacustrine Wetland Receiving Agricultural Drainage. Water (Switzerland), 2018, 10, 61.	2.7	6
28	Anthropogenic and climatic€driven peatland degradation during the past 150‰years in the Greater Khingan Mountains, <scp>NE</scp> China. Land Degradation and Development, 2021, 32, 4845-4857.	3.9	6
29	Response of Two Dominant Boreal Freshwater Wetland Plants to Manipulated Warming and Altered Precipitation. PLoS ONE, 2014, 9, e104454.	2.5	6
30	Nitrogen Addition Effects on Wetland Soils Depend on Environmental Factors and Nitrogen Addition Methods: A Meta-Analysis. Water (Switzerland), 2022, 14, 1748.	2.7	5
31	Effects of artificial aeration and iron inputs on the transformation of carbon and phosphorus in a typical wetland soil. Journal of Soils and Sediments, 2018, 18, 3244-3255.	3.0	2
32	A 2000-year record of phosphorus forms and accumulation in peatland of the Greater Khingan Mountains in Northeast China: Paleoenvironmental implications. Quaternary International, 2020, 562, 27-34.	1.5	2
33	Microhabitat effect on iron distribution and transfer in Carex pseudocuraica in Sanjiang Plain Wetlands. Chinese Geographical Science, 2010, 20, 363-371.	3.0	1
34	Material Cycling of Wetland Soils Driven by Freeze-Thaw Effects. Springer Theses, 2013, , .	0.1	1
35	Response to Comment by Craig Loehle (MRD VolÂ30 NoÂ3) on Bao et al (2010)Response to Comment by Craig Loehle (MRD VolÂ30 NoÂ3) on Bao et al (2010). Recent Carbon Accumulation in Changbai Mountain Peatlands, Northeast China (MRD VolÂ30 NoÂ1).. Mountain Research and Development, 2010, 30, 411-412.	1.0	0