

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.

52 papers	1,946 citations	26 h-index	44 g-index
52 ext. papers	2,665 ext. citations	10.3 avg, IF	4.86 L-index

#	Paper	IF	Citations
52	COVID-19 immune features revealed by a large-scale single-cell transcriptome atlas. <i>Cell</i> , 2021 , 184, 1895-1913	56.2	1319
51	Organochlorine pesticides contaminated surface soil as reemission source in the Haihe Plain, China. <i>Environmental Science & Technology</i> , 2008 , 42, 8395-400	10.3	139
50	Strong sorption of phenanthrene by condensed organic matter in soils and sediments. <i>Environmental Science & Technology</i> , 2007 , 41, 3952-8	10.3	136
49	Biochar-Facilitated Microbial Reduction of Hematite. <i>Environmental Science & Technology</i> , 2016 , 50, 2389-95	10.3	110
48	Sorption mechanisms of phenanthrene, lindane, and atrazine with various humic acid fractions from a single soil sample. <i>Environmental Science & Technology</i> , 2011 , 45, 2124-30	10.3	105
47	A pan-cancer single-cell transcriptional atlas of tumor infiltrating myeloid cells. <i>Cell</i> , 2021 , 184, 792-809	56.2	100
46	Iron-bound organic carbon in forest soils: quantification and characterization. <i>Biogeosciences</i> , 2016 , 13, 4777-4788	4.6	79
45	Impact of de-ashing humic Acid and humin on organic matter structural properties and sorption mechanisms of phenanthrene. <i>Environmental Science & Technology</i> , 2011 , 45, 3996-4002	10.3	73
44	Inhalation exposure of traffic police officers to polycyclic aromatic hydrocarbons (PAHs) during the winter in Beijing, China. <i>Science of the Total Environment</i> , 2007 , 383, 98-105	10.2	65
43	Selective stabilization of aliphatic organic carbon by iron oxide. <i>Scientific Reports</i> , 2015 , 5, 11214	4.9	63
42	Dual Role of Humic Substances As Electron Donor and Shuttle for Dissimilatory Iron Reduction. <i>Environmental Science & Technology</i> , 2018 , 52, 5691-5699	10.3	63
41	Dynamics of ferrihydrite-bound organic carbon during microbial Fe reduction. <i>Geochimica Et Cosmochimica Acta</i> , 2017 , 212, 221-233	5.5	63
40	Assessment of oral bioaccessibility of organochlorine pesticides in soil using an in vitro gastrointestinal model. <i>Environmental Science & Technology</i> , 2009 , 43, 4524-9	10.3	54
39	Dispersion modeling of polycyclic aromatic hydrocarbons from combustion of biomass and fossil fuels and production of coke in Tianjin, China. <i>Environmental Science & Technology</i> , 2006 , 40, 4586-91	10.3	53
38	Bioaccessibility of polychlorinated biphenyls in different foods using an in vitro digestion method. <i>Environmental Pollution</i> , 2008 , 156, 1218-26	9.3	52
37	Impact of natural organic matter on uranium transport through saturated geologic materials: from molecular to column scale. <i>Environmental Science & Technology</i> , 2012 , 46, 5931-8	10.3	47
36	Sorption of phenanthrene by nonhydrolyzable organic matter from different size sediments. <i>Environmental Science & Technology</i> , 2008 , 42, 1961-6	10.3	46

35	Coupled dynamics of iron and iron-bound organic carbon in forest soils during anaerobic reduction. <i>Chemical Geology</i> , 2017 , 464, 118-126	4.2	43
34	Distribution and partitioning of polybrominated diphenyl ethers in sediments from the Pearl River Delta and Guiyu, South China. <i>Environmental Pollution</i> , 2018 , 235, 104-112	9.3	37
33	Impact of interactions between natural organic matter and metal oxides on the desorption kinetics of uranium from heterogeneous colloidal suspensions. <i>Environmental Science & Technology</i> , 2013 , 47, 2661-9	10.3	36
32	Association of 16 priority polycyclic aromatic hydrocarbons with humic acid and humin fractions in a peat soil and implications for their long-term retention. <i>Environmental Pollution</i> , 2017 , 230, 882-890	9.3	33
31	Seasonal variation and partitioning of endocrine disrupting chemicals in waters and sediments of the Pearl River system, South China. <i>Environmental Pollution</i> , 2016 , 219, 735-741	9.3	33
30	Mobilization of ferrihydrite-associated organic carbon during Fe reduction: Adsorption versus coprecipitation. <i>Chemical Geology</i> , 2019 , 503, 61-68	4.2	32
29	Sequestration of organochlorine pesticides in soils of distinct organic carbon content. <i>Environmental Pollution</i> , 2011 , 159, 700-5	9.3	31
28	Asynchronous reductive release of iron and organic carbon from hematite-humic acid complexes. <i>Chemical Geology</i> , 2016 , 430, 13-20	4.2	28
27	Impact of humic acid coating on sorption of naphthalene by biochars. <i>Carbon</i> , 2015 , 94, 946-954	10.4	27
26	Effects of composition and domain arrangement of biopolymer components of soil organic matter on the bioavailability of phenanthrene. <i>Environmental Science & Technology</i> , 2010 , 44, 3339-44	10.3	25
25	Mobility of polycyclic aromatic hydrocarbons in the gastrointestinal tract assessed using an in vitro digestion model with sorption rectification. <i>Environmental Science & Technology</i> , 2010 , 44, 5608-12	10.3	23
24	Formation and redox reactivity of ferrihydrite-organic carbon-calcium co-precipitates. <i>Geochimica Et Cosmochimica Acta</i> , 2019 , 244, 86-98	5.5	21
23	Effects of the Chemical Structure, Surface, and Micropore Properties of Activated and Oxidized Black Carbon on the Sorption and Desorption of Phenanthrene. <i>Environmental Science & Technology</i> , 2019 , 53, 7683-7693	10.3	20
22	Stability of Ferrihydrite-Humic Acid Coprecipitates under Iron-Reducing Conditions. <i>Environmental Science & Technology</i> , 2018 , 52, 13174-13183	10.3	18
21	Role of structure, accessibility and microporosity on sorption of phenanthrene and nonylphenol by sediments and their fractions. <i>Environmental Pollution</i> , 2016 , 219, 456-465	9.3	16
20	Mechanisms regulating bioavailability of phenanthrene sorbed on a peat soil-origin humic substance. <i>Environmental Toxicology and Chemistry</i> , 2012 , 31, 1431-7	3.8	15
19	Cell absorption induced desorption of hydrophobic organic contaminants from digested soil residue. <i>Chemosphere</i> , 2011 , 83, 1461-6	8.4	13
18	Aerobic respiration of mineral-bound organic carbon in a soil. <i>Science of the Total Environment</i> , 2019 , 651, 1253-1260	10.2	13

17	Nanopore-filling effect of phenanthrene sorption on modified black carbon. <i>Science of the Total Environment</i> , 2018 , 642, 1050-1059	10.2	10
16	Novel Phenanthrene Sorption Mechanism by Two Pollens and Their Fractions. <i>Environmental Science & Technology</i> , 2016 , 50, 7305-14	10.3	9
15	Importance of the structure and nanoporosity of organic matter on the desorption kinetics of benzo[a]pyrene in sediments. <i>Environmental Pollution</i> , 2017 , 225, 628-636	9.3	8
14	Oxidation of soil organic carbon during an anoxic-oxic transition. <i>Geoderma</i> , 2020 , 377, 114584	6.7	8
13	Importance of the structure and micropores of sedimentary organic matter in the sorption of phenanthrene and nonylphenol. <i>Environmental Pollution</i> , 2020 , 260, 114034	9.3	7
12	Importance of Sporopollenin Structure and Accessibility in the Sorption of Phenanthrene by Biota Spores and Pollens. <i>Environmental Science & Technology</i> , 2019 , 53, 14285-14295	10.3	5
11	Effects of compositions, chemical structures, and microporosity of sedimentary organic matter on degradation of benzo(a)pyrene by hydrogen peroxide. <i>Water Research</i> , 2019 , 159, 414-422	12.5	5
10	Anaerobic Dehalogenation by Reduced Aqueous Biochars. <i>Environmental Science & Technology</i> , 2020 , 54, 15142-15150	10.3	5
9	Emerging investigator series: dual role of organic matter in the anaerobic degradation of triclosan. <i>Environmental Sciences: Processes and Impacts</i> , 2017 , 19, 499-506	4.3	4
8	Biogeochemical fate of ferrihydrite-model organic compound complexes during anaerobic microbial reduction. <i>Science of the Total Environment</i> , 2019 , 668, 216-223	10.2	4
7	Relationship between historical changes of PBDEs, PAHs, and algal organic matter in sediments of Poyang Lake under climate warming. <i>Human and Ecological Risk Assessment (HERA)</i> , 2020 , 26, 2390-2406	4.9	4
6	Effects of the structures and micropores of sedimentary organic matter on the oxidative degradation of benzo(a)pyrene by NaSO. <i>Water Research</i> , 2020 , 174, 115635	12.5	4
5	Effect of the structure and micropore of activated and oxidized black carbon on the sorption and desorption of nonylphenol. <i>Science of the Total Environment</i> , 2021 , 761, 144191	10.2	4
4	Unexpected mechanism for glucose-primed soil organic carbon mineralization under an anaerobic/erobic transition. <i>Geoderma</i> , 2020 , 376, 114535	6.7	3
3	Dissolution of uranyl and plutonyl borates: Influences of crystalline structures and aqueous ligands. <i>Chemical Geology</i> , 2013 , 357, 67-74	4.2	3
2	Impact of trophic levels on partitioning and bioaccumulation of polycyclic aromatic hydrocarbons in particulate organic matter and plankton. <i>Marine Pollution Bulletin</i> , 2020 , 160, 111527	6.7	1
1	Whole genome sequencing of <i>Enterobacter mori</i> , an emerging pathogen of kiwifruit and the potential genetic adaptation to pathogenic lifestyle. <i>AMB Express</i> , 2021 , 11, 129	4.1	0