

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.

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|-------------------|-------------------------|-----------------|-----------------|
| 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 | 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 |
| 50 | A pan-cancer single-cell transcriptional atlas of tumor infiltrating myeloid cells. <i>Cell</i> , 2021 , 184, 792-809 | 57.3 | 100 |
| 49 | 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 |
| 48 | Unexpected mechanism for glucose-primed soil organic carbon mineralization under an anaerobic-aerobic transition. <i>Geoderma</i> , 2020 , 376, 114535 | 6.7 | 3 |
| 47 | 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 |
| 46 | 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 |
| 45 | 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 |
| 44 | 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 |
| 43 | Anaerobic Dehalogenation by Reduced Aqueous Biochars. <i>Environmental Science & Technology</i> , 2020 , 54, 15142-15150 | 10.3 | 5 |
| 42 | Oxidation of soil organic carbon during an anoxic-oxic transition. <i>Geoderma</i> , 2020 , 377, 114584 | 6.7 | 8 |
| 41 | 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 |
| 40 | 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 |
| 39 | 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 |
| 38 | 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 |
| 37 | Mobilization of ferrihydrite-associated organic carbon during Fe reduction: Adsorption versus coprecipitation. <i>Chemical Geology</i> , 2019 , 503, 61-68 | 4.2 | 32 |
| 36 | Aerobic respiration of mineral-bound organic carbon in a soil. <i>Science of the Total Environment</i> , 2019 , 651, 1253-1260 | 10.2 | 13 |

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| 35 | Formation and redox reactivity of ferrihydrite-organic carbon-calcium co-precipitates. <i>Geochimica Et Cosmochimica Acta</i> , 2019 , 244, 86-98 | 5.5 | 21 |
| 34 | 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 |
| 33 | 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 |
| 32 | Nanopore-filling effect of phenanthrene sorption on modified black carbon. <i>Science of the Total Environment</i> , 2018 , 642, 1050-1059 | 10.2 | 10 |
| 31 | Stability of Ferrihydrite-Humic Acid Coprecipitates under Iron-Reducing Conditions. <i>Environmental Science & Technology</i> , 2018 , 52, 13174-13183 | 10.3 | 18 |
| 30 | 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 |
| 29 | 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 |
| 28 | 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 |
| 27 | 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 |
| 26 | Dynamics of ferrihydrite-bound organic carbon during microbial Fe reduction. <i>Geochimica Et Cosmochimica Acta</i> , 2017 , 212, 221-233 | 5.5 | 63 |
| 25 | 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 |
| 24 | Novel Phenanthrene Sorption Mechanism by Two Pollens and Their Fractions. <i>Environmental Science & Technology</i> , 2016 , 50, 7305-14 | 10.3 | 9 |
| 23 | Asynchronous reductive release of iron and organic carbon from hematite-humic acid complexes. <i>Chemical Geology</i> , 2016 , 430, 13-20 | 4.2 | 28 |
| 22 | Biochar-Facilitated Microbial Reduction of Hematite. <i>Environmental Science & Technology</i> , 2016 , 50, 2389-95 | 10.3 | 110 |
| 21 | Iron-bound organic carbon in forest soils: quantification and characterization. <i>Biogeosciences</i> , 2016 , 13, 4777-4788 | 4.6 | 79 |
| 20 | 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 |
| 19 | Impact of humic acid coating on sorption of naphthalene by biochars. <i>Carbon</i> , 2015 , 94, 946-954 | 10.4 | 27 |
| 18 | Selective stabilization of aliphatic organic carbon by iron oxide. <i>Scientific Reports</i> , 2015 , 5, 11214 | 4.9 | 63 |

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|----|---|------|-----|
| 17 | Dissolution of uranyl and plutonyl borates: Influences of crystalline structures and aqueous ligands. <i>Chemical Geology</i> , 2013 , 357, 67-74 | 4.2 | 3 |
| 16 | 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 |
| 15 | 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 |
| 14 | 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 |
| 13 | 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 |
| 12 | Sequestration of organochlorine pesticides in soils of distinct organic carbon content. <i>Environmental Pollution</i> , 2011 , 159, 700-5 | 9.3 | 31 |
| 11 | Cell absorption induced desorption of hydrophobic organic contaminants from digested soil residue. <i>Chemosphere</i> , 2011 , 83, 1461-6 | 8.4 | 13 |
| 10 | 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 |
| 9 | 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 |
| 8 | 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 |
| 7 | 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 |
| 6 | Bioaccessibility of polychlorinated biphenyls in different foods using an in vitro digestion method. <i>Environmental Pollution</i> , 2008 , 156, 1218-26 | 9.3 | 52 |
| 5 | 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 |
| 4 | Sorption of phenanthrene by nonhydrolyzable organic matter from different size sediments. <i>Environmental Science & Technology</i> , 2008 , 42, 1961-6 | 10.3 | 46 |
| 3 | Strong sorption of phenanthrene by condensed organic matter in soils and sediments. <i>Environmental Science & Technology</i> , 2007 , 41, 3952-8 | 10.3 | 136 |
| 2 | 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 |
| 1 | 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 |