

# Erping Bi

## List of Publications by Year in descending order

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42  
papers

643  
citations

567281

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610901

24  
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42  
docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Sorption of Heterocyclic Organic Compounds to Reference Soils: A Column Studies for Process Identification. <i>Environmental Science &amp; Technology</i> , 2006, 40, 5962-5970.	10.0	71
2	Effect of hydrogeological conditions and surface loads on shallow groundwater nitrate pollution in the Shaying River Basin: Based on least squares surface fitting model. <i>Water Research</i> , 2019, 163, 114880.	11.3	53
3	Environmental Factors Influencing Sorption of Heterocyclic Aromatic Compounds to Soil. <i>Environmental Science &amp; Technology</i> , 2007, 41, 3172-3178.	10.0	51
4	Sorption of methyl tert-butyl ether (MTBE) and tert-butyl alcohol (TBA) to synthetic resins. <i>Water Research</i> , 2005, 39, 4164-4176.	11.3	30
5	Surface characterization of maize-straw-derived biochars and their sorption performance for MTBE and benzene. <i>Environmental Earth Sciences</i> , 2014, 71, 5195-5205.	2.7	30
6	Characteristics of hydrochemistry and nitrogen behavior under long-term managed aquifer recharge with reclaimed water: A case study in north China. <i>Science of the Total Environment</i> , 2019, 668, 1030-1037.	8.0	29
7	Practical issues relating to soil column chromatography for sorption parameter determination. <i>Chemosphere</i> , 2010, 80, 787-793.	8.2	27
8	Simulation of nonlinear sorption of N-heterocyclic organic contaminates in soil columns. <i>Journal of Contaminant Hydrology</i> , 2009, 107, 58-65.	3.3	25
9	Sorption Behavior of Ofloxacin to Kaolinite: Effects of pH, Ionic Strength, and Cu(II). <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	25
10	Roles of functional groups of naproxen in its sorption to kaolinite. <i>Chemosphere</i> , 2015, 138, 335-339.	8.2	24
11	Effects of dissolved humic acid on fluoroquinolones sorption and retention to kaolinite. <i>Ecotoxicology and Environmental Safety</i> , 2019, 178, 43-50.	6.0	23
12	Sorption Behavior of Phthalic Acid Esters on Reference Soils Evaluated by Soil Column Chromatography. <i>Clean - Soil, Air, Water</i> , 2010, 38, 425-429.	1.1	18
13	Roles of polar groups and aromatic structures of biochar in 1-methyl-3-octylimidazolium chloride ionic liquid adsorption: pH effect and thermodynamics study. <i>Environmental Science and Pollution Research</i> , 2017, 24, 22265-22274.	5.3	16
14	Mechanisms and quantification of adsorption of three anti-inflammatory pharmaceuticals onto goethite with/without surface-bound organic acids. <i>Chemosphere</i> , 2019, 222, 593-602.	8.2	16
15	Effects of endogenous and exogenous dissolved organic matter on sorption behaviors of bisphenol A onto soils. <i>Journal of Environmental Management</i> , 2021, 287, 112312.	7.8	16
16	Effect of dissolved organic matter on ammonium sorption kinetics and equilibrium to Chinese clinoptilolite. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 2395-2403.	2.2	13
17	Bonding of monocarboxylic acids, monophenols and nonpolar compounds onto goethite. <i>Chemosphere</i> , 2019, 214, 158-167.	8.2	13
18	Effect of Molecular Dissociation and Sorbent Carbonization on Bbsolute Sorption of Pharmaceuticals by Biochars. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	12

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19	Effects of fulvic acid and montmorillonite colloids at different concentrations on Cd(II) sorption onto nano-hydroxyapatite. <i>Chemosphere</i> , 2020, 248, 125992.	8.2	12
20	Sorption of ionic and neutral species of pharmaceuticals to loessial soil amended with biochars. <i>Environmental Science and Pollution Research</i> , 2019, 26, 35871-35881.	5.3	11
21	Roles of hydrophobic and hydrophilic fractions of dissolved organic matter in sorption of ketoprofen to biochars. <i>Environmental Science and Pollution Research</i> , 2018, 25, 31486-31496.	5.3	10
22	Adsorption site-dependent transport of diclofenac in water saturated minerals and reference soils. <i>Chemosphere</i> , 2019, 236, 124256.	8.2	10
23	Pore-scale identification of residual morphology and genetic mechanisms of nano emulsified vegetable oil in porous media using 3D X-ray microtomography. <i>Science of the Total Environment</i> , 2021, 763, 143015.	8.0	10
24	Predicting the effect of dissolved humic acid on sorption of benzotriazole to biochar. <i>Biochar</i> , 2022, 4, 1.	12.6	10
25	Stability of Artificial Nano- $\text{Ca}$ -Hydroxyapatite in the Presence of Natural Colloids: Influence of Steric Forces and Chargeability. <i>Journal of Environmental Quality</i> , 2019, 48, 1100-1108.	2.0	9
26	Cotransport of nano-hydroxyapatite and different Cd(II) forms influenced by fulvic acid and montmorillonite colloids. <i>Water Research</i> , 2022, 218, 118511.	11.3	9
27	Effects of soil components and solution inorganic cations on interactions of imidazolium-based ionic liquid with soils. <i>Journal of Environmental Management</i> , 2018, 223, 975-983.	7.8	8
28	Roles of dissolved humic acid and tannic acid in sorption of benzotriazole to a sandy loam soil. <i>Ecotoxicology and Environmental Safety</i> , 2020, 204, 111088.	6.0	8
29	Laboratory column study for evaluating a multimedia permeable reactive barrier for the remediation of ammonium contaminated groundwater. <i>Environmental Technology (United Kingdom)</i> , 2015, 36, 1433-1440.	2.2	7
30	Different binding characteristics of ciprofloxacin to iron mineral surfaces: Thermodynamic evidence and site energy distribution analysis. <i>Journal of Environmental Quality</i> , 2021, 50, 706-716.	2.0	7
31	Selenium distribution in cultivated Argosols and Gleysols of dry and paddy lands: A case study in Sanjiang Plain, Northeast China. <i>Science of the Total Environment</i> , 2022, 836, 155528.	8.0	7
32	Coupling of multi-hydrochemical and statistical methods for identifying apparent background levels of major components and anthropogenic anomalous activities in shallow groundwater of the Liujiang Basin, China. <i>Science of the Total Environment</i> , 2022, 838, 155905.	8.0	5
33	Different surface complexation patterns of gatifloxacin at typical iron mineral/water interfaces. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	2.7	4
34	The impacts of Cu(II) complexation on gatifloxacin adsorption onto goethite and hematite. <i>Journal of Environmental Quality</i> , 2020, 49, 50-60.	2.0	4
35	Spatial interpolation of highly skewed data of the Junggar Basin phreatic groundwater through the multi-scale cokriging model. <i>Earth Science Informatics</i> , 2022, 15, 1737-1748.	3.2	4
36	soil-air partitioning of polychlorinated biphenyls and total dichloro-diphenyl-trichloroethanes. <i>Journal of Earth Science (Wuhan, China)</i> , 2014, 25, 741-748.	3.2	3

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37	Evaluating Nonlinear Sorption of Four Substituted Phenols to Agriculture Soils Using Expanded Polyparameter Linear Free Energy Relationship. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	2.4	3
38	Effects of Al substitution on sorption of diclofenac to Fe(III) (hydr)oxides: roles of phase transition and sorption mechanisms. <i>Environmental Science and Pollution Research</i> , 2022, 29, 21314-21327.	5.3	3
39	Effects of dissolved humic acid on ammonium sorption to natural chinese clinoptilolite. , 2011, , .		2
40	Sorption characteristics of ethyl tert-butyl ether to Chinese reference soils. <i>Environmental Earth Sciences</i> , 2011, 64, 1335-1341.	2.7	2
41	Partitioning of Dichloro-diphenyl-trichloroethane and Its Metabolites Between Artificial Solid Media and Air. <i>Water, Air, and Soil Pollution</i> , 2016, 227, 1.	2.4	2
42	Synergistic Effects of Micronano Structures on Porosity and the Permeability of Shale Under Varying Effective Stresses and Temperatures: A Case Study of Fresh Outcrops from Lower Silurian Longmaxi Formation Shale in the Southern Sichuan Basin, China. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 120-138.	0.9	1