Bo Cao

List of Publications by Year
in descending order

10 papers	**501** citations

1163117

8 h-index	

1372567

10 g-index	

10 all docs	**10** docs citations

10 times ranked	**1038** citing authors

#	Article	IF	Citations
1	Mineral Scaling on Reverse Osmosis Membranes: Role of Mass, Orientation, and Crystallinity on Permeability. Environmental Science & Technology, 2021, 55, 16110-16119.	10.0	9
2	Organic–mineral interfacial chemistry drives heterogeneous nucleation of Sr-rich (Ba <sub> <i>x</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T the National Academy of Sciences of the United States of America, 2019, 116, 13221-13226.	7.1	45
3	Effects of ferrihydrite nanoparticle incorporation in cementitious materials on radioactive waste immobilization. Journal of Hazardous Materials, 2019, 379, 120570.	12.4	34
4	Gypsum scale formation on graphene oxide modified reverse osmosis membrane. Journal of Membrane Science, 2018, 552, 132-143.	8.2	67
5	Investigating calcite growth rates using a quartz crystal microbalance with dissipation (QCM-D). Geochimica Et Cosmochimica Acta, 2018, 222, 269-283.	3.9	19
6	Cementitious materials modified with hematite nanoparticles for enhanced cement hydration and uranium immobilization. Environmental Science: Nano, 2017, 4, 1670-1681.	4.3	18
7	Effects of sulfate and magnesium on cement degradation under geologic CO2 sequestration conditions. International Journal of Greenhouse Gas Control, 2017, 63, 118-125.	4.6	1
8	Interaction of Organic Cation with Water Molecule in Perovskite MAPbI₃: From Dynamic Orientational Disorder to Hydrogen Bonding. Chemistry of Materials, 2016, 28, 7385-7393.	6.7	169
9	Homogeneous and Heterogeneous (Fe_{<i>x</i>}, Cr_{1–<i>x</i>})(OH)₃ Precipitation: Implications for Cr Sequestration. Environmental Science & Technology, 2016, 50, 1741-1749.	10.0	77
10	The utilization of lime-dried sludge as resource for producing cement. Journal of Cleaner Production, 2014, 83, 286-293.	9.3	62