

Matteo Masi

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

402
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

379
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrokinetic remediation of metal-polluted marine sediments: experimental investigation for plant design. <i>Electrochimica Acta</i> , 2015, 181, 146-159.	5.2	81
2	Nernst-Planck-based Description of Transport, Coulombic Interactions, and Geochemical Reactions in Porous Media: Modeling Approach and Benchmark Experiments. <i>Water Resources Research</i> , 2018, 54, 3176-3195.	4.2	65
3	Modeling electrokinetic transport and biogeochemical reactions in porous media: A multidimensional Nernst-Planck-Poisson approach with PHREEQC coupling. <i>Advances in Water Resources</i> , 2019, 127, 134-147.	3.8	62
4	Multispecies reactive transport modelling of electrokinetic remediation of harbour sediments. <i>Journal of Hazardous Materials</i> , 2017, 326, 187-196.	12.4	53
5	Model-based optimization of field-scale electrokinetic treatment of dredged sediments. <i>Chemical Engineering Journal</i> , 2017, 328, 87-97.	12.7	30
6	Ligand-enhanced electrokinetic remediation of metal-contaminated marine sediments with high acid buffering capacity. <i>Environmental Science and Pollution Research</i> , 2016, 23, 10566-10576.	5.3	29
7	Flood risk assessment of environmental pollution hotspots. <i>Environmental Modelling and Software</i> , 2018, 100, 1-10.	4.5	25
8	Monitoring of internal erosion processes by time-lapse electrical resistivity tomography. <i>Journal of Hydrology</i> , 2020, 589, 125340.	5.4	17
9	Modeling of electrokinetic remediation combining local chemical equilibrium and chemical reaction kinetics. <i>Journal of Hazardous Materials</i> , 2019, 371, 728-733.	12.4	16
10	Spectral induced polarization for monitoring electrokinetic remediation processes. <i>Journal of Applied Geophysics</i> , 2015, 123, 284-294.	2.1	11
11	Modelling botanical biofiltration of indoor air streams contaminated by volatile organic compounds. <i>Journal of Hazardous Materials</i> , 2022, 422, 126875.	12.4	9
12	Modeling the Ecosystem Services Related to Phytoextraction: Carbon Sequestration Potential Using Willow and Poplar. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8011.	2.5	4