

Cristina Valhondo

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

335
citations

1040056

9
h-index

1199594

12
g-index

19
all docs

19
docs citations

19
times ranked

349
citing authors

#	ARTICLE	IF	CITATIONS
1	A general and efficient numerical solution of reactive transport with multirate mass transfer. Computers and Geosciences, 2022, 158, 104953.	4.2	4
2	Reactive Transport: A Review of Basic Concepts with Emphasis on Biochemical Processes. Energies, 2022, 15, 925.	3.1	24
3	Nitrogen Removal Capacity of Microbial Communities Developing in Compost- and Woodchip-Based Multipurpose Reactive Barriers for Aquifer Recharge With Wastewater. Frontiers in Microbiology, 2022, 13, .	3.5	7
4	Six artificial recharge pilot replicates to gain insight into water quality enhancement processes. Chemosphere, 2020, 240, 124826.	8.2	23
5	Reactive Barriers for Renaturalization of Reclaimed Water during Soil Aquifer Treatment. Water (Switzerland), 2020, 12, 1012.	2.7	15
6	Reactive Barriers for Renaturalization of Reclaimed Water during Soil Aquifer Treatment. , 2020, , .		2
7	Water as a finite resource: From historical accomplishments to emerging challenges and artificial recharge. , 2019, , 1-17.		5
8	Monitoring induced denitrification during managed aquifer recharge in an infiltration pond. Journal of Hydrology, 2018, 561, 123-135.	5.4	28
9	Evaluation of EOC removal processes during artificial recharge through a reactive barrier. Science of the Total Environment, 2018, 612, 985-994.	8.0	21
10	Quantification of groundwater recharge in urban environments. Science of the Total Environment, 2017, 592, 391-402.	8.0	52
11	Tracer test modeling for characterizing heterogeneity and local-scale residence time distribution in an artificial recharge site. Hydrology and Earth System Sciences, 2016, 20, 4209-4221.	4.9	6
12	Characterizing redox conditions and monitoring attenuation of selected pharmaceuticals during artificial recharge through a reactive layer. Science of the Total Environment, 2015, 512-513, 240-250.	8.0	40
13	Behavior of nine selected emerging trace organic contaminants in an artificial recharge system supplemented with a reactive barrier. Environmental Science and Pollution Research, 2014, 21, 11832-11843.	5.3	33
14	Probabilistic risk analysis of groundwater remediation strategies. Water Resources Research, 2009, 45, .	4.2	72