

# Cristina Valhondo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4315456/publications.pdf>

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