

# Raul Carrey

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

1,172  
citations

623574

14  
h-index

752573

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1323  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combining multi-isotopic and molecular source tracking methods to identify nitrate pollution sources in surface and groundwater. <i>Water Research</i> , 2021, 188, 116537.	5.3	78
2	Characterisation of the natural attenuation of chromium contamination in the presence of nitrate using isotopic methods. A case study from the Matanza-Riachuelo River basin, Argentina. <i>Science of the Total Environment</i> , 2020, 699, 134331.	3.9	12
3	Biologically mediated release of endogenous N <sub>2</sub> O and NO <sub>2</sub> gases in a hydrothermal, hypoxic subterranean environment. <i>Science of the Total Environment</i> , 2020, 747, 141218.	3.9	21
4	Three-dimensional hydrostratigraphical modelling supporting the evaluation of fluoride enrichment in groundwater: Lakes basin (Central Ethiopia). <i>Journal of Hydrology: Regional Studies</i> , 2020, 32, 100756.	1.0	7
5	Agricultural and urban delivered nitrate pollution input to Mediterranean temporary freshwaters. <i>Agriculture, Ecosystems and Environment</i> , 2020, 294, 106859.	2.5	53
6	Nitrate and nitrite reduction by ferrous iron minerals in polluted groundwater: Isotopic characterization of batch experiments. <i>Chemical Geology</i> , 2020, 548, 119691.	1.4	17
7	Feasibility of using rural waste products to increase the denitrification efficiency in a surface flow constructed wetland. <i>Journal of Hydrology</i> , 2019, 578, 124035.	2.3	7
8	Evaluating the potential use of a dairy industry residue to induce denitrification in polluted water bodies: A flow-through experiment. <i>Journal of Environmental Management</i> , 2019, 245, 86-94.	3.8	14
9	Use of nitrogen and oxygen isotopes of dissolved nitrate to trace field-scale induced denitrification efficiency throughout an in-situ groundwater remediation strategy. <i>Science of the Total Environment</i> , 2019, 686, 709-718.	3.9	24
10	Tracing the role of endogenous carbon in denitrification using wine industry by-product as an external electron donor: Coupling isotopic tools with mathematical modeling. <i>Journal of Environmental Management</i> , 2018, 207, 105-115.	3.8	13
11	Feasibility of two low-cost organic substrates for inducing denitrification in artificial recharge ponds: Batch and flow-through experiments. <i>Journal of Contaminant Hydrology</i> , 2017, 198, 48-58.	1.6	21
12	Characterizing sources and natural attenuation of nitrate contamination in the Baix Ter aquifer system (NE Spain) using a multi-isotope approach. <i>Science of the Total Environment</i> , 2017, 580, 518-532.	3.9	85
13	Induced nitrate attenuation by glucose in groundwater: Flow-through experiment. <i>Chemical Geology</i> , 2014, 370, 19-28.	1.4	29
14	Nitrate attenuation potential of hypersaline lake sediments in central Spain: Flow-through and batch experiments. <i>Journal of Contaminant Hydrology</i> , 2014, 164, 323-337.	1.6	19
15	Denitrification in a hypersaline lake aquifer system (Pátroula Basin, Central Spain): The role of recent organic matter and Cretaceous organic rich sediments. <i>Science of the Total Environment</i> , 2014, 497-498, 594-606.	3.9	21
16	The role of Lower Cretaceous sediments in groundwater nitrate attenuation in central Spain: Column experiments. <i>Applied Geochemistry</i> , 2013, 32, 142-152.	1.4	26
17	Enhanced denitrification in groundwater and sediments from a nitrate-contaminated aquifer after addition of pyrite. <i>Chemical Geology</i> , 2011, 287, 90-101.	1.4	135
18	Denitrification of groundwater with pyrite and <i>Thiobacillus denitrificans</i> . <i>Chemical Geology</i> , 2010, 278, 80-91.	1.4	160

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19	Environmental isotopes (N, S, C, O, D) to determine natural attenuation processes in nitrate contaminated waters: Example of Osona (NE Spain). <i>Applied Geochemistry</i> , 2008, 23, 3597-3611.	1.4	83
20	Fertilizer Characterization: Isotopic Data (N, S, O, C, and Sr). <i>Environmental Science &amp; Technology</i> , 2004, 38, 3254-3262.	4.6	347