Juan JosÃ© GÃ³mez-Alday

List of Publications by Year
in descending order

43 papers	735 citations	471477 17 h-index	552766 26 g-index
43 all docs	43 docs citations	43 times ranked	943 citing authors

#	Article	IF	Citations
1	The role of coupled DNRA-Anammox during nitrate removal in a highly saline lake. Science of the Total Environment, 2022, 806, 150726.	8.0	17
2	A multi-isotopic evaluation of groundwater in a rapidly developing area and implications for water management in hyper-arid regions. Science of the Total Environment, 2022, 805, 150245.	8.0	12
3	Saline lakes as barriers against pollution: a multidisciplinary overview. , 2022, 41, 1.		4
4	Geometry of the modelled freshwater/salt-water interface under variable-density-driven flow (PÃ©trola Lake, SE Spain). Hydrogeology Journal, 2022, 30, 975-988.	2.1	5
5	Assessment of groundwater quality and pesticide distribution in Mornag aquifer using GIS-based technique (Northeast Tunisia). Arabian Journal of Geosciences, 2022, 15, .	1.3	10
6	Using Stable Isotopes to Assess Groundwater Recharge and Solute Transport in a Density-Driven Flow-Dominated Lakeâ€“Aquifer System. Water (Switzerland), 2022, 14, 1628.	2.7	0
7	Heavy Metals in Sediments and Greater Flamingo Tissues from a Protected Saline Wetland in Central Spain. Applied Sciences (Switzerland), 2022, 12, 5769.	2.5	3
8	Syndepositional processes in the pigmentation of oceanic red beds: evidence from the Basqueâ€“Cantabrian Basin (northern Spain). Geological Magazine, 2021, 158, 1683-1703.	1.5	2
9	Water and Sediment Bacterial Communities in a Small Mediterranean, Oxygen-Stratified, Saline Lake (Lake Alboraj, SE Spain). Applied Sciences (Switzerland), 2021, 11, 6309.	2.5	5
10	Identifying nonâ€stationary and longâ€term riverâ€“aquifer interactions as a response to large climatic patterns and anthropogenic pressures using wavelet analysis (Mancha Oriental Aquifer, Spain). Hydrological Processes, 2020, 34, 5134-5145.	2.6	3
11	Microbial Community and Atrazine-Degrading Genetic Potential in Deep Zones of a Hypersaline Lake-Aquifer System. Applied Sciences (Switzerland), 2020, 10, 7111.	2.5	7
12	Unraveling groundwater functioning and nitrate attenuation in evaporitic karst systems from southern Spain: An isotopic approach. Applied Geochemistry, 2020, 123, 104820.	3.0	9
13	Distribution of Endocrine Disruptor Chemicals and Bacteria in Saline PÃ©trola Lake (Albacete, SE Spain) Protected Area is Strongly Linked to Land Use. Applied Sciences (Switzerland), 2020, 10, 4017.	2.5	5
14	The social construction and consequences of groundwater modelling: insight from the Mancha Oriental aquifer, Spain. International Journal of Water Resources Development, 2019, 35, 808-829.	2.0	11
15	Groundwater recharge by high-salinity lake water in a density-driven flow dominated system: an isotopic approach. E3S Web of Conferences, 2019, 98, 12024.	0.5	2
16	Microscale effects of oxygen and light on bacterial sulfate reduction in organic-rich lacustrine sediments. E3S Web of Conferences, 2019, 98, 11004.	0.5	1
17	The influence of land use on nitrogen and sulfur turnover: a microbial approach. E3S Web of Conferences, 2019, 98, 06004.	0.5	1
18	Spectrophotometric determination of nitrate in hypersaline waters after optimization based on the Box-Behnken design. Microchemical Journal, 2019, 145, 951-958.	4.5	9

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19	A multi-isotopic approach to investigate the influence of land use on nitrate removal in a highly saline lake-aquifer system. Science of the Total Environment, 2018, 631-632, 649-659.	8.0	35
20	Salinization and Deterioration of Groundwater Quality by Nitrate and Fluoride in the Chittur Block, Palakkad, Kerala. Journal of the Geological Society of India, 2018, 92, 337-345.	1.1	25
21	Pesticide contamination in groundwater bodies in the JÃºcar River European Union Pilot Basin (SE) Tj ETQq1 1 0.784314 rgBT /Overlock	2.7	34
22	Sulfur Recycling Processes in a Eutrophic Hypersaline System: PÃ©trola Lake (SE, Spain). Procedia Earth and Planetary Science, 2017, 17, 201-204.	0.6	2
23	Tracing sulfate recycling in the hypersaline PÃ©trola Lake (SE Spain): A combined isotopic and microbiological approach. Chemical Geology, 2017, 473, 74-89.	3.3	15
24	Knowledge, participation and transparency in groundwater management. Water Policy, 2016, 18, 111-125.	1.5	17
25	Induced nitrate attenuation by glucose in groundwater: Flow-through experiment. Chemical Geology, 2014, 370, 19-28.	3.3	29
26	Nitrate attenuation potential of hypersaline lake sediments in central Spain: Flow-through and batch experiments. Journal of Contaminant Hydrology, 2014, 164, 323-337.	3.3	19
27	Denitrification in a hypersaline lakeâ€“aquifer system (PÃ©trola Basin, Central Spain): The role of recent organic matter and Cretaceous organic rich sediments. Science of the Total Environment, 2014, 497-498, 594-606.	8.0	21
28	Analysis of anthropogenic pressures in the Segura Watershed (SE Spain), with a focus on interâ€basin transfer. Ecohydrology, 2013, 6, 878-888.	2.4	7
29	Sensitivity of a Groundwater Flow Model to Both Climatic Variations and Management Scenarios in a Semi-arid Region of SE Spain. Water Resources Management, 2013, 27, 2089-2101.	3.9	13
30	The role of Lower Cretaceous sediments in groundwater nitrate attenuation in central Spain: Column experiments. Applied Geochemistry, 2013, 32, 142-152.	3.0	26
31	Assessing student workload in Problem Based Learning: Relationships among teaching method, student workload and achievement. A case study in Natural Sciences. Teaching and Teacher Education, 2011, 27, 619-627.	3.2	59
32	Evaluation of a GIS-Based Integrated Vulnerability Risk Assessment for the Mancha Oriental System (SE) Tj ETQq0 0 0 rgBT /Overlock 10	3.9	31
33	Modeling aquiferâ€“river interactions under the influence of groundwater abstraction in the Mancha Oriental System (SE Spain). Hydrogeology Journal, 2011, 19, 475-487.	2.1	52
34	Methodology for Quantifying Groundwater Abstractions for Agriculture via Remote Sensing and GIS. Water Resources Management, 2010, 24, 795-814.	3.9	58
35	Hydrostratigraphic framework and hydrogeological behaviour of the Mancha Oriental System (SE) Tj ETQq1 1 0.784314 rgBT /Overlock	2.1	36
36	Nitrate in the Water-Supply Wells in the Mancha Oriental Hydrogeological System (SE Spain). Water Resources Management, 2009, 23, 1621-1640.	3.9	25

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37	87Sr/86Sr ratios in inoceramids (Bivalvia) and carbonate matrix as indicators of differential diagenesis during burial. Early Maastrichtian Bay of Biscay sections (Spain and France). Potential use for chemostratigraphy?. Cretaceous Research, 2008, 29, 563-576.	1.4	7
38	Spatial and temporal distribution of nitrate contents in the Mancha Oriental Hydrogeological System, SE Spain: 1998â€“2003. WIT Transactions on Ecology and the Environment, 2007, , .	0.0	0
39	Evidence of climatic cooling at the Early/Late Maastrichtian boundary from inoceramid distribution and isotopes: Sopelana sections, Basque Country, Spain. Cretaceous Research, 2004, 25, 649-668.	1.4	24
40	Diagenesis, regular growth and records of seasonality in inoceramid bivalve shells from mid-Maastrichtian hemipelagic beds of the Bay of Biscay. Geologie En Mijnbouw/Netherlands Journal of Geosciences, 2003, 82, 289-301.	0.9	14
41	Origin of quartz geodes from LaÃ±o and Tubilla del Agua sections (middle-upper Campanian,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Geological Journal, 2002, 37, 117-134.	1.3	8
42	Environmental stress and diagenetic modifications in inoceramids and belemnites from the Upper Cretaceous James Ross Basin, Antarctica. Facies, 2001, 44, 227-242.	1.4	9
43	Taphonomy of the Late Cretaceous dinosaur-bearing beds of the LaÃ±o Quarry (Iberian Peninsula). Palaeogeography, Palaeoclimatology, Palaeoecology, 2000, 157, 247-275.	2.3	63