

Juan Jos Gmez-Alday

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

40
papers

535
citations

15
h-index

22
g-index

43
ext. papers

626
ext. citations

3.3
avg, IF

3.64
L-index

#	Paper	IF	Citations
40	Saline lakes as barriers against pollution: a multidisciplinary overview 2022 , 41, 1		2
39	The role of coupled DNRA-Anammox during nitrate removal in a highly saline lake. <i>Science of the Total Environment</i> , 2022 , 806, 150726	10.2	4
38	A multi-isotopic evaluation of groundwater in a rapidly developing area and implications for water management in hyper-arid regions. <i>Science of the Total Environment</i> , 2022 , 805, 150245	10.2	4
37	Geometry of the modelled freshwater/salt-water interface under variable-density-driven flow (Pérola Lake, SE Spain). <i>Hydrogeology Journal</i> , 2022 , 30, 975-988	3.1	1
36	Using Stable Isotopes to Assess Groundwater Recharge and Solute Transport in a Density-Driven Flow-Dominated Lake-Aquifer System. <i>Water (Switzerland)</i> , 2022 , 14, 1628	3	
35	Syn depositional processes in the pigmentation of oceanic red beds: evidence from the Basque-Cantabrian Basin (northern Spain). <i>Geological Magazine</i> , 2021 , 158, 1683-1703	2	1
34	Water and Sediment Bacterial Communities in a Small Mediterranean, Oxygen-Stratified, Saline Lake (Lake Alboraj, SE Spain). <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 6309	2.6	0
33	Unraveling groundwater functioning and nitrate attenuation in evaporitic karst systems from southern Spain: An isotopic approach. <i>Applied Geochemistry</i> , 2020 , 123, 104820	3.5	5
32	Distribution of Endocrine Disruptor Chemicals and Bacteria in Saline Pérola Lake (Albacete, SE Spain) Protected Area is Strongly Linked to Land Use. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4017	2.6	4
31	Identifying non-stationary and long-term river-aquifer interactions as a response to large climatic patterns and anthropogenic pressures using wavelet analysis (Mancha Oriental Aquifer, Spain). <i>Hydrological Processes</i> , 2020 , 34, 5134-5145	3.3	1
30	Microbial Community and Atrazine-Degrading Genetic Potential in Deep Zones of a Hypersaline Lake-Aquifer System. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7111	2.6	2
29	The influence of land use on nitrogen and sulfur turnover: a microbial approach. <i>E3S Web of Conferences</i> , 2019 , 98, 06004	0.5	1
28	The social construction and consequences of groundwater modelling: insight from the Mancha Oriental aquifer, Spain. <i>International Journal of Water Resources Development</i> , 2019 , 35, 808-829	3	9
27	Groundwater recharge by high-salinity lake water in a density-driven flow dominated system: an isotopic approach. <i>E3S Web of Conferences</i> , 2019 , 98, 12024	0.5	2
26	Microscale effects of oxygen and light on bacterial sulfate reduction in organic-rich lacustrine sediments. <i>E3S Web of Conferences</i> , 2019 , 98, 11004	0.5	1
25	Spectrophotometric determination of nitrate in hypersaline waters after optimization based on the Box-Behnken design. <i>Microchemical Journal</i> , 2019 , 145, 951-958	4.8	6
24	A multi-isotopic approach to investigate the influence of land use on nitrate removal in a highly saline lake-aquifer system. <i>Science of the Total Environment</i> , 2018 , 631-632, 649-659	10.2	26

23	Salinization and Deterioration of Groundwater Quality by Nitrate and Fluoride in the Chittur Block, Palakkad, Kerala. <i>Journal of the Geological Society of India</i> , 2018 , 92, 337-345	1.3	16
22	Pesticide contamination in groundwater bodies in the Júcar River European Union Pilot Basin (SE Spain). <i>Environmental Monitoring and Assessment</i> , 2017 , 189, 146	3.1	22
21	Sulfur Recycling Processes in a Eutrophic Hypersaline System: Pírola Lake (SE, Spain). <i>Procedia Earth and Planetary Science</i> , 2017 , 17, 201-204		2
20	Tracing sulfate recycling in the hypersaline Pírola Lake (SE Spain): A combined isotopic and microbiological approach. <i>Chemical Geology</i> , 2017 , 473, 74-89	4.2	11
19	Knowledge, participation and transparency in groundwater management. <i>Water Policy</i> , 2016 , 18, 111-125.6		14
18	Nitrate attenuation potential of hypersaline lake sediments in central Spain: flow-through and batch experiments. <i>Journal of Contaminant Hydrology</i> , 2014 , 164, 323-37	3.9	17
17	Denitrification in a hypersaline lake-aquifer system (Pírola 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	10.2	18
16	Induced nitrate attenuation by glucose in groundwater: Flow-through experiment. <i>Chemical Geology</i> , 2014 , 370, 19-28	4.2	23
15	Sensitivity of a Groundwater Flow Model to Both Climatic Variations and Management Scenarios in a Semi-arid Region of SE Spain. <i>Water Resources Management</i> , 2013 , 27, 2089-2101	3.7	12
14	The role of Lower Cretaceous sediments in groundwater nitrate attenuation in central Spain: Column experiments. <i>Applied Geochemistry</i> , 2013 , 32, 142-152	3.5	24
13	Analysis of anthropogenic pressures in the Segura Watershed (SE Spain), with a focus on inter-basin transfer. <i>Ecohydrology</i> , 2012 , 6, n/a-n/a	2.5	4
12	Assessing student workload in Problem Based Learning: Relationships among teaching method, student workload and achievement. A case study in Natural Sciences. <i>Teaching and Teacher Education</i> , 2011 , 27, 619-627	2.9	34
11	Evaluation of a GIS-Based Integrated Vulnerability Risk Assessment for the Mancha Oriental System (SE Spain). <i>Water Resources Management</i> , 2011 , 25, 3677-3697	3.7	27
10	Modeling aquifer-river interactions under the influence of groundwater abstraction in the Mancha Oriental System (SE Spain). <i>Hydrogeology Journal</i> , 2011 , 19, 475-487	3.1	47
9	Methodology for Quantifying Groundwater Abstractions for Agriculture via Remote Sensing and GIS. <i>Water Resources Management</i> , 2010 , 24, 795-814	3.7	44
8	Hydrostratigraphic framework and hydrogeological behaviour of the Mancha Oriental System (SE Spain). <i>Hydrogeology Journal</i> , 2009 , 17, 1375-1391	3.1	32
7	Nitrate in the Water-Supply Wells in the Mancha Oriental Hydrogeological System (SE Spain). <i>Water Resources Management</i> , 2009 , 23, 1621-1640	3.7	22
6	$^{87}\text{Sr}/^{86}\text{Sr}$ 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?. <i>Cretaceous Research</i> , 2008 , 29, 563-576	1.8	6

5	Evidence of climatic cooling at the Early/Late Maastrichtian boundary from inoceramid distribution and isotopes: Sopelana sections, Basque Country, Spain. <i>Cretaceous Research</i> , 2004 , 25, 649-668	1.8	20
4	Diagenesis, regular growth and records of seasonality in inoceramid bivalve shells from mid-Maastrichtian hemipelagic beds of the Bay of Biscay. <i>Geologie En Mijnbouw/Netherlands Journal of Geosciences</i> , 2003 , 82, 289-301	1.1	9
3	Origin of quartz geodes from Lañ and Tubilla del Agua sections (middle/upper Campanian, Basque-Cantabrian Basin, northern Spain): isotopic differences during diagenetic processes. <i>Geological Journal</i> , 2002 , 37, 117-134	1.7	7
2	Environmental stress and diagenetic modifications in inoceramids and belemnites from the Upper Cretaceous James Ross Basin, Antarctica. <i>Facies</i> , 2001 , 44, 227-242	1.8	7
1	Taphonomy of the Late Cretaceous dinosaur-bearing beds of the Lañ Quarry (Iberian Peninsula). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000 , 157, 247-275	2.9	48