Juan Jos Gmez-Alday

List of Publications by Citations

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	Taphonomy of the Late Cretaceous dinosaur-bearing beds of the Lañ Quarry (Iberian Peninsula). *Palaeogeography, Palaeoclimatology, Palaeoecology*, **2000**, 157, 247-275	2.9	48
39	Modeling aquifer–river interactions under the influence of groundwater abstraction in the Mancha Oriental System (SE Spain). *Hydrogeology Journal*, **2011**, 19, 475-487	3.1	47
38	Methodology for Quantifying Groundwater Abstractions for Agriculture via Remote Sensing and GIS. *Water Resources Management*, **2010**, 24, 795-814	3.7	44
37	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	2.9	34
36	Hydrostratigraphic framework and hydrogeological behaviour of the Mancha Oriental System (SE Spain). *Hydrogeology Journal*, **2009**, 17, 1375-1391	3.1	32
35	Evaluation of a GIS-Based Integrated Vulnerability Risk Assessment for the Mancha Oriental System (SE Spain). *Water Resources Management*, **2011**, 25, 3677-3697	3.7	27
34	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	10.2	26
33	The role of Lower Cretaceous sediments in groundwater nitrate attenuation in central Spain: Column experiments. *Applied Geochemistry*, **2013**, 32, 142-152	3.5	24
32	Induced nitrate attenuation by glucose in groundwater: Flow-through experiment. *Chemical Geology*, **2014**, 370, 19-28	4.2	23
31	Pesticide contamination in groundwater bodies in the Júcar River European Union Pilot Basin (SE Spain). *Environmental Monitoring and Assessment*, **2017**, 189, 146	3.1	22
30	Nitrate in the Water-Supply Wells in the Mancha Oriental Hydrogeological System (SE Spain). *Water Resources Management*, **2009**, 23, 1621-1640	3.7	22
29	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	1.8	20
28	Denitrification in a hypersaline lake-aquifer system (Pétrola Basin, Central Spain): the role of recent organic matter and Cretaceous organic rich sediments. *Science of the Total Environment*, **2014**, 497-498, 594-606	10.2	18
27	Nitrate attenuation potential of hypersaline lake sediments in central Spain: flow-through and batch experiments. *Journal of Contaminant Hydrology*, **2014**, 164, 323-37	3.9	17
26	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	1.3	16
25	Knowledge, participation and transparency in groundwater management. *Water Policy*, **2016**, 18, 111-125	1.6	14
24	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	3.7	12

23	Tracing sulfate recycling in the hypersaline P□rola Lake (SE Spain): A combined isotopic and microbiological approach. *Chemical Geology*, **2017**, 473, 74-89	4.2	11
22	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	3	9
21	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	1.1	9
20	Origin of quartz geodes from La□ and Tubilla del Agua sections (middle□upper Campanian, Basque-Cantabrian Basin, northern Spain): isotopic differences during diagenetic processes. *Geological Journal*, **2002**, 37, 117-134	1.7	7
19	Environmental stress and diagenetic modifications in inoceramids and belemnites from the Upper Cretaceous James Ross Basin, Antarctica. *Facies*, **2001**, 44, 227-242	1.8	7
18	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	1.8	6
17	Spectrophotometric determination of nitrate in hypersaline waters after optimization based on the Box-Behnken design. *Microchemical Journal*, **2019**, 145, 951-958	4.8	6
16	Unraveling groundwater functioning and nitrate attenuation in evaporitic karst systems from southern Spain: An isotopic approach. *Applied Geochemistry*, **2020**, 123, 104820	3.5	5
15	Distribution of Endocrine Disruptor Chemicals and Bacteria in Saline P□rola Lake (Albacete, SE Spain) Protected Area is Strongly Linked to Land Use. *Applied Sciences (Switzerland)*, **2020**, 10, 4017	2.6	4
14	Analysis of anthropogenic pressures in the Segura Watershed (SE Spain), with a focus on inter-basin transfer. *Ecohydrology*, **2012**, 6, n/a-n/a	2.5	4
13	The role of coupled DNRA-Anammox during nitrate removal in a highly saline lake. *Science of the Total Environment*, **2022**, 806, 150726	10.2	4
12	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	10.2	4
11	Sulfur Recycling Processes in a Eutrophic Hypersaline System: P□rola Lake (SE, Spain). *Procedia Earth and Planetary Science*, **2017**, 17, 201-204		2
10	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
9	Saline lakes as barriers against pollution: a multidisciplinary overview **2022**, 41, 1		2
8	Microbial Community and Atrazine-Degrading Genetic Potential in Deep Zones of a Hypersaline Lake-Aquifer System. *Applied Sciences (Switzerland)*, **2020**, 10, 7111	2.6	2
7	The influence of land use on nitrogen and sulfur turnover: a microbial approach. *E3S Web of Conferences*, **2019**, 98, 06004	0.5	1
6	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

5	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). *Hydrological Processes*, **2020**, 34, 5134-5145	3.3	1
4	Syndepositional processes in the pigmentation of oceanic red beds: evidence from the Basque–Cantabrian Basin (northern Spain). *Geological Magazine*, **2021**, 158, 1683-1703	2	1
3	Geometry of the modelled freshwater/salt-water interface under variable-density-driven flow (Pétrola Lake, SE Spain). *Hydrogeology Journal*, **2022**, 30, 975-988	3.1	1
2	Water and Sediment Bacterial Communities in a Small Mediterranean, Oxygen-Stratified, Saline Lake (Lake Alboraj, SE Spain). *Applied Sciences (Switzerland)*, **2021**, 11, 6309	2.6	0
1	Using Stable Isotopes to Assess Groundwater Recharge and Solute Transport in a Density-Driven Flow-Dominated Lake–Aquifer System. *Water (Switzerland)*, **2022**, 14, 1628	3	