

Anna MenciÃ³

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,403
citations

430754

18
h-index

395590

33
g-index

34
all docs

34
docs citations

34
times ranked

1820
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrate pollution of groundwater; all rightâ€¦, but nothing else?. Science of the Total Environment, 2016, 539, 241-251.	3.9	205
2	Towards the understanding of antibiotic occurrence and transport in groundwater: Findings from the Baix FluviÀ alluvial aquifer (NE Catalonia, Spain). Science of the Total Environment, 2018, 612, 1387-1406.	3.9	175
3	Monitoring groundwater nitrate attenuation in a regional system coupling hydrogeology with multi-isotopic methods: The case of Plana de Vic (Osona, Spain). Agriculture, Ecosystems and Environment, 2009, 133, 103-113.	2.5	136
4	Assessment by multivariate analysis of groundwaterâ€“surface water interactions in urbanized Mediterranean streams. Journal of Hydrology, 2008, 352, 355-366.	2.3	132
5	Groundwater nitrate pollution and climate change: learnings from a water balance-based analysis of several aquifers in a western Mediterranean region (Catalonia). Environmental Science and Pollution Research, 2019, 26, 2184-2202.	2.7	75
6	Regression model for aquifer vulnerability assessment of nitrate pollution in the Osona region (NE) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.3	64
7	Analysis of vulnerability factors that control nitrate occurrence in natural springs (Osona Region,) Tj ETQq1 1 0.784314 rgBT /Overlock 60	3.9	60
8	Multi-isotopic study (15N, 34S, 18O, 13C) to identify processes affecting nitrate and sulfate in response to local and regional groundwater mixing in a large-scale flow system. Applied Geochemistry, 2013, 32, 129-141.	1.4	55
9	Identifying the effects of human pressure on groundwater quality to support water management strategies in coastal regions: A multi-tracer and statistical approach (Bou-Areg region, Morocco). Science of the Total Environment, 2014, 500-501, 211-223.	3.9	54
10	Groundwater development effects on different scale hydrogeological systems using head, hydrochemical and isotopic data and implications for water resources management: The Selva basin (NE Spain). Journal of Hydrology, 2011, 403, 83-102.	2.3	47
11	Analysis of streamâ€“aquifer relationships: A comparison between mass balance and Darcyâ€™s law approaches. Journal of Hydrology, 2014, 517, 157-172.	2.3	44
12	Groundwater dependence of coastal lagoons: The case of La Pletera salt marshes (NE Catalonia). Journal of Hydrology, 2017, 552, 793-806.	2.3	37
13	Influence of groundwater exploitation on the ecological status of streams in a Mediterranean system (Selva Basin, NE Spain). Ecological Indicators, 2010, 10, 915-926.	2.6	33
14	Temporal analysis of spring water data to assess nitrate inputs to groundwater in an agricultural area (Osona, NE Spain). Science of the Total Environment, 2013, 452-453, 433-445.	3.9	33
15	Identifying key parameters to differentiate groundwater flow systems using multifactorial analysis. Journal of Hydrology, 2012, 472-473, 301-313.	2.3	32
16	Analyzing Hydrological Sustainability Through Water Balance. Environmental Management, 2010, 45, 1175-1190.	1.2	26
17	Nitrate as a tracer of groundwater flow in a fractured multilayered aquifer. Hydrological Sciences Journal, 2011, 56, 108-122.	1.2	24
18	Isotope and microbiome data provide complementary information to identify natural nitrate attenuation processes in groundwater. Science of the Total Environment, 2018, 613-614, 579-591.	3.9	23

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19	River-aquifer interactions and their relationship to stygofauna assemblages: A case study of the Gwydir River alluvial aquifer (New South Wales, Australia). <i>Science of the Total Environment</i> , 2014, 479-480, 292-305.	3.9	19
20	Development of a stream-aquifer numerical flow model to assess river water management under water scarcity in a Mediterranean basin. <i>Science of the Total Environment</i> , 2012, 440, 204-218.	3.9	18
21	Anticipating the effects of groundwater withdrawal on seawater intrusion and soil settlement in urban coastal areas. <i>Hydrological Processes</i> , 2013, 27, 2352-2366.	1.1	17
22	Influence of regional hydrogeological systems at a local scale: Analyzing the coupled effects of hydrochemistry and biological activity in a Fe and CO ₂ rich spring. <i>Science of the Total Environment</i> , 2016, 569-570, 700-715.	3.9	14
23	Modeling the salinity fluctuations in salt marsh lagoons. <i>Journal of Hydrology</i> , 2019, 575, 1178-1187.	2.3	14
24	Basement Groundwater as a Complementary Resource for Overexploited Stream-Connected Alluvial Aquifers. <i>Water Resources Management</i> , 2013, 27, 293-308.	1.9	13
25	Cross-Disciplinary Analysis of Cooperative Learning Dimensions Based on Higher Education Students' Perceptions. <i>Sustainability</i> , 2020, 12, 8156.	1.6	12
26	Response of macroinvertebrate communities to hydrological and hydrochemical alterations in Mediterranean streams. <i>Journal of Hydrology</i> , 2018, 566, 566-580.	2.3	9
27	Assessing the Influence of Environmental Factors on Groundwater Antibiotic Occurrence by Means of Variation Partitioning. <i>Water (Switzerland)</i> , 2019, 11, 1495.	1.2	8
28	Trace Element Groundwater Pollution Hazard in Regional Hydrogeological Systems (Empordà Basin, NE Iberian Peninsula). <i>Journal of Hydrology</i> , 2019, 575, 1178-1187.	2.3	6
29	Hydrochemical Processes in the Alluvial Aquifer of the Gwydir River (Northern New South Wales, Australia). <i>Journal of Hydrology</i> , 2019, 575, 1178-1187.	0.6	5
30	Metal release in shallow aquifers impacted by deep CO ₂ fluxes. <i>Energy Procedia</i> , 2018, 146, 38-46.	1.8	4
31	Identifying critical transitions in seasonal shifts of zooplankton composition in a confined coastal salt marsh. <i>Aquatic Sciences</i> , 2021, 83, 1.	0.6	4
32	Tracing stream leakage towards an alluvial aquifer in a mountain basin using environmental isotopes. <i>Applied Geochemistry</i> , 2013, 32, 85-94.	1.4	3
33	Analyzing Groundwater Resources Availability using Multivariate Analysis in the Selva Basin (NE Iberian Peninsula). <i>Journal of Hydrology</i> , 2019, 575, 1178-1187.	0.6	2
34	Occurrence et devenir des polluants émergents (antibiotiques) dans un aquifère alluvial et leur influence sur les bactéries multi-résistantes (Bas-Fluvià, Catalogne). <i>Houille Blanche</i> , 2018, 104, 47-52.	0.3	0