Anna Jurado

List of Publications by Year in descending order

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45 papers	2,462 citations	257357 24 h-index	243529 44 g-index
49 all docs	49 docs citations	49 times ranked	2900 citing authors

#	Article	IF	Citations
1	Occurrence, fate, and risk of the organic pollutants of the surface water watch List in European groundwaters: a review. Environmental Chemistry Letters, 2022, 20, 3313-3333.	8.3	18
2	Groundwater-related aspects during the development of deep excavations below the water table: A short review. Underground Space (China), 2021, 6, 35-45.	3.4	18
3	Occurrence, Fate and Associated Risks of Organic Micropollutants from the Watch List of European Groundwaters. Environmental Chemistry for A Sustainable World, 2021, , 113-163.	0.3	2
4	Urban Groundwater Contamination by Non-Steroidal Anti-Inflammatory Drugs. Water (Switzerland), 2021, 13, 720.	1.2	25
5	Effect of land use changes on non-carcinogenic health risks due to nitrate exposure to drinking groundwater. Environmental Science and Pollution Research, 2021, 28, 41937-41947.	2.7	28
6	Groundwater quality changes in peri-urban areas of the Walloon region of Belgium. Journal of Contaminant Hydrology, 2021, 240, 103780.	1.6	11
7	Dynamics of nitrous oxide with depth in groundwater: Insights from ambient groundwater and laboratory incubation experiments (Hesbaye chalk aquifer, Belgium). Journal of Contaminant Hydrology, 2021, 241, 103797.	1.6	1
8	Enhanced Removal of Contaminants of Emerging Concern through Hydraulic Adjustments in Soil Aquifer Treatment. Water (Switzerland), 2020, 12, 2627.	1.2	10
9	Fate and risk assessment of sulfonamides and metabolites in urban groundwater. Environmental Pollution, 2020, 267, 115480.	3.7	22
10	Occurrence of pathogens in the riverâ€“groundwater interface in a losing river stretch (BesÃ²s River) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.9	9
11	Occurrence, fate and environmental risk assessment of the organic microcontaminants included in the Watch Lists set by EU Decisions 2015/495 and 2018/840 in the groundwater of Spain. Science of the Total Environment, 2019, 663, 285-296.	3.9	117
12	Dynamics of greenhouse gases in groundwater: hydrogeological and hydrogeochemical controls. Applied Geochemistry, 2019, 105, 31-44.	1.4	12
13	Numerical Modelling of the Mulino Delle Vene Aquifer (Northern Italy) as a Tool for Predicting the Hydrogeological System Behavior under Different Recharge Conditions. Water (Switzerland), 2019, 11, 2505.	1.2	7
14	AkvaGIS: An open source tool for water quantity and quality management. Computers and Geosciences, 2019, 127, 123-132.	2.0	32
15	Parametric assessment of hydrochemical changes associated to underground pumped hydropower storage. Science of the Total Environment, 2019, 659, 599-611.	3.9	14
16	Occurrence of greenhouse gases in the aquifers of the Walloon Region (Belgium). Science of the Total Environment, 2018, 619-620, 1579-1588.	3.9	21
17	Isotopic composition of nitrogen species in groundwater under agricultural areas: A review. Science of the Total Environment, 2018, 621, 1415-1432.	3.9	186
18	Effects of agricultural land use on fluvial carbon dioxide, methane and nitrous oxide concentrations in a large European river, the Meuse (Belgium). Science of the Total Environment, 2018, 610-611, 342-355.	3.9	138

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19	Integration of groundwater by-pass facilities in the bottom slab design for large underground structures. Tunnelling and Underground Space Technology, 2018, 71, 231-243.	3.0	7
20	Dynamics of greenhouse gases in the riverâ€“groundwater interface in a gaining river stretch (Triffoy) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.9	12
21	Hydrochemical changes induced by underground pumped storage hydropower and their associated impacts. Journal of Hydrology, 2018, 563, 927-941.	2.3	29
22	Dynamics and emissions of N2O in groundwater: A review. Science of the Total Environment, 2017, 584-585, 207-218.	3.9	70
23	Potential uses of pumped urban groundwater: a case study in Sant AdriÃ del BesÃ²s (Spain). Hydrogeology Journal, 2017, 25, 1745-1758.	0.9	18
24	Settlements around pumping wells: Analysis of influential factors and a simple calculation procedure. Journal of Hydrology, 2017, 548, 225-236.	2.3	53
25	Water chemical evolution in Underground Pumped Storage Hydropower plants and induced consequences. Energy Procedia, 2017, 125, 504-510.	1.8	15
26	Hydrogeological assessment of non-linear underground enclosures. Engineering Geology, 2016, 207, 91-102.	2.9	53
27	Occurrence, fate and risk assessment of personal care products in riverâ€“groundwater interface. Science of the Total Environment, 2016, 568, 829-837.	3.9	59
28	Modelling of the EPB TBM shield tunnelling advance as a tool for geological characterization. Tunnelling and Underground Space Technology, 2016, 56, 12-21.	3.0	26
29	Hydrogeological impact assessment by tunnelling at sites of high sensitivity. Engineering Geology, 2015, 193, 421-434.	2.9	36
30	Emerging Organic Contaminants in Aquifers: Sources, Transport, Fate, and Attenuation. Handbook of Environmental Chemistry, 2015, , 47-75.	0.2	2
31	Quantifying chemical reactions by using mixing analysis. Science of the Total Environment, 2015, 502, 448-456.	3.9	15
32	Deep enclosures versus pumping to reduce settlements during shaft excavations. Engineering Geology, 2014, 169, 100-111.	2.9	65
33	Using EMMA and MIX analysis to assess mixing ratios and to identify hydrochemical reactions in groundwater. Science of the Total Environment, 2014, 470-471, 1120-1131.	3.9	31
34	Urban groundwater contamination by residues of UV filters. Journal of Hazardous Materials, 2014, 271, 141-149.	6.5	109
35	Occurrence of carbamazepine and five metabolites in an urban aquifer. Chemosphere, 2014, 115, 47-53.	4.2	44
36	Dewatering of a deep excavation undertaken in a layered soil. Engineering Geology, 2014, 178, 15-27.	2.9	98

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37	Occurrence of 95 pharmaceuticals and transformation products in urban groundwaters underlying the metropolis of Barcelona, Spain. Environmental Pollution, 2013, 174, 305-315.	3.7	347
38	Application of multi-isotope data (O, D, C and S) to quantify redox processes in urban groundwater. Applied Geochemistry, 2013, 34, 114-125.	1.4	36
39	Barrier effect of underground structures on aquifers. Engineering Geology, 2012, 145-146, 41-49.	2.9	92
40	Emerging organic contaminants in groundwater in Spain: A review of sources, recent occurrence and fate in a European context. Science of the Total Environment, 2012, 440, 82-94.	3.9	321
41	Hydraulic characterization of diaphragm walls for cut and cover tunnelling. Engineering Geology, 2012, 125, 1-10.	2.9	68
42	Probabilistic analysis of groundwater-related risks at subsurface excavation sites. Engineering Geology, 2012, 125, 35-44.	2.9	49
43	Drugs of abuse in urban groundwater. A case study: Barcelona. Science of the Total Environment, 2012, 424, 280-288.	3.9	66
44	A methodology for characterizing the hydraulic effectiveness of an annular low-permeability barrier. Engineering Geology, 2011, 120, 68-80.	2.9	67
45	Hydrochemical changes induced by underground pumped storage hydropower: influence of aquifer parameters in coal mine environments. Advances in Geosciences, 0, 45, 45-49.	12.0	2