Oscar Arnoldo Escolero Fuentes

List of Publications by Year
in descending order

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34 papers	592 citations	623188 14 h-index	610482 24 g-index
34 all docs	34 docs citations	34 times ranked	650 citing authors

#	Article	IF	Citations
1	Nitrate temporal and spatial patterns in 12 water-supply wells, Yucatan, Mexico. Environmental Geology, 2001, 40, 708-715.	1.2	88
2	Title is missing!. Water Resources Management, 2002, 16, 351-367.	1.9	47
3	Hydrogeology of a contaminated sole-source karst aquifer, MÃ©rida, YucatÃ¡n, Mexico. Geofisica International, 2000, 39, 359-365.	0.2	44
4	Salt-water intrusion and nitrate contamination in the Valley of Hermosillo and El Sahuaral coastal aquifers, Sonora, Mexico. Hydrogeology Journal, 1998, 6, 518-526.	0.9	39
5	Delimitation of a hydrogeological reserve for a city within a karstic aquifer: the Merida, Yucatan example. Landscape and Urban Planning, 2000, 51, 53-62.	3.4	37
6	New constraints on the subsurface geology of the Mexico City Basin: The San Lorenzo Tezonco deep well, on the basis of 40Ar/39Ar geochronology and whole-rock chemistry. Journal of Volcanology and Geothermal Research, 2013, 266, 34-49.	0.8	28
7	Total Urban Water Cycle Models in Semiarid Environmentsâ€"Quantitative Scenario Analysis at the Area of San Luis Potosi, Mexico. Water Resources Management, 2011, 25, 239-263.	1.9	26
8	The effects of wastewater irrigation on groundwater quality in Mexico. Water Science and Technology, 1999, 40, 45.	1.2	24
9	Relationship between chloride concentration and electrical conductivity in groundwater and its estimation from vertical electrical soundings (VESs) in Guasave, Sinaloa, Mexico. Ciencia E Investigacion Agraria, 2012, 39, 229-239.	0.2	22
10	GeologÃa y estratigrafÃa del pozo profundo San Lorenzo Tezonco y de sus alrededores, sur de la Cuenca de MÃ©xico. Boletin De La Sociedad Geologica Mexicana, 2015, 67, 123-143.	0.1	21
11	Vulnerability of Mexico City's water supply sources in the context of climate change. Journal of Water and Climate Change, 2015, 6, 518-533.	1.2	19
12	Anthropogenic impacts on tropical karst lakes: â€œLagunas de Montebello,â€•Chiapas. Ecohydrology, 2018, 11, e2029.	1.1	19
13	Dynamic of the freshwaterâ€"saltwater interface in a karstic aquifer under extraordinary recharge action: the Merida Yucatan case study. Environmental Geology, 2006, 51, 719-723.	1.2	18
14	A comprehensive approach for the assessment of shared aquifers: the case of Mexico City. Sustainable Water Resources Management, 2015, 1, 111-123.	1.0	15
15	Playing with models and optimization to overcome the tragedy of the commons in groundwater. Complexity, 2013, 19, 9-21.	0.9	14
16	Relationships between urban aquifers and preserved areas south of Mexico City. Groundwater for Sustainable Development, 2019, 8, 373-380.	2.3	14
17	Water-rock interaction and mixing processes of complex urban groundwater flow system subject to intensive exploitation: The case of Mexico City. Journal of South American Earth Sciences, 2020, 103, 102719.	0.6	14
18	Anthropogenic influence on the sediment chemistry and diatom assemblages of Balamtetik Lake, Chiapas, Mexico. Environmental Science and Pollution Research, 2020, 27, 15935-15943.	2.7	13

#	Article	IF	Citations
19	Identification of the components of a complex groundwater flow system subjected to intensive exploitation. Journal of South American Earth Sciences, 2020, 98, 102434.	0.6	12
20	DiagnÃ³stico y anÃ¡lisis de los factores que influyen en la vulnerabilidad de las fuentes de abastecimiento de agua potable a la Ciudad de MÃ©xico, MÃ©xico. Boletin De La Sociedad Geologica Mexicana, 2016, 68, 409-427.	0.1	11
21	Water Management in San Luis PotosÃ-Metropolitan Area, Mexico. International Journal of Water Resources Development, 2010, 26, 459-475.	1.2	9
22	The groundwater management plan: in praise of a neglected â€˜tool of our tradeâ€™. Hydrogeology Journal, 2015, 23, 847-850.	0.9	9
23	Description of Chemical Changes in a Large Karstic System: Montebello, Mexico. Procedia Earth and Planetary Science, 2017, 17, 829-832.	0.6	8
24	20 Years of Global Change on the Limnology and Plankton of a Tropical, High-Altitude Lake. Diversity, 2022, 14, 190.	0.7	8
25	Lévy Flights, 1/<i>f </i> Noise and Self Organized Criticality. Journal of Modern Physics, 2013, 04, 337-343.	0.3	7
26	Nutrients load estimation to a lake system through the local groundwater flow: Los Lagos de Montebello, MÃ©xico. Journal of South American Earth Sciences, 2018, 84, 201-207.	0.6	6
27	Inorganic Water Quality Monitoring Using Specific Conductance in Mexico. Ground Water Monitoring and Remediation, 1998, 18, 156-162.	0.6	5
28	EstimaciÃ³n de parÃ¡metros mediante inversiÃ³n y anÃ¡lisis de las pÃ©rdidas hidrÃ¡ulicas lineales y no-lineales durante el desarrollo y aforo del pozo San Lorenzo Tezonco. Boletin De La Sociedad Geologica Mexicana, 2015, 67, 203-214.	0.1	4
29	Heuristic Formulation of a Contextual Statistic Theory for Groundwater. Foundations of Science, 2018, 23, 75-83.	0.4	3
30	Groundwater recharge and pollutant transport beneath wastewater irrigation: the case of LeÃ³n, Mexico. Geological Society Special Publication, 1998, 130, 153-168.	0.8	2
31	Complex groundwater flow systems as traveling agent models. PeerJ, 2014, 2, e557.	0.9	2
32	Understanding the processes in a historically relevant thermal and mineral spring water by using mixing and inverse geochemical models. Environmental Geochemistry and Health, 2022, 44, 2301-2323.	1.8	2
33	Groundwater problems in Mexico. Eos, 1992, 73, 211-211.	0.1	1
34	Geochemical characterization of components of the groundwater flow system in the basin of Mexico. E3S Web of Conferences, 2019, 98, 07022.	0.2	1