

# Oscar Arnaldo Escolero Fuentes

## List of Publications by Citations

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34  
papers

442  
citations

12  
h-index

20  
g-index

34  
ext. papers

498  
ext. citations

2.4  
avg, IF

3.26  
L-index

#	Paper	IF	Citations
34	Nitrate temporal and spatial patterns in 12 water-supply wells, Yucatan, Mexico. <i>Environmental Geology</i> , <b>2001</b> , 40, 708-715		74
33	Development of a Protection Strategy of Karst Limestone Aquifers: The Merida Yucatan, Mexico Case Study. <i>Water Resources Management</i> , <b>2002</b> , 16, 351-367	3.7	40
32	Hydrogeology of a contaminated sole-source karst aquifer, Mérida, Yucatán, Mexico. <i>Geofísica Internacional</i> , <b>2000</b> , 39, 359-365	0.4	39
31	Salt-water intrusion and nitrate contamination in the Valley of Hermosillo and El Sahuaral coastal aquifers, Sonora, Mexico. <i>Hydrogeology Journal</i> , <b>1998</b> , 6, 518-526	3.1	32
30	Delimitation of a hydrogeological reserve for a city within a karstic aquifer: the Merida, Yucatan example. <i>Landscape and Urban Planning</i> , <b>2000</b> , 51, 53-62	7.7	30
29	New constraints on the subsurface geology of the Mexico City Basin: The San Lorenzo Tezonco deep well, on the basis of <sup>40</sup> Ar/ <sup>39</sup> Ar geochronology and whole-rock chemistry. <i>Journal of Volcanology and Geothermal Research</i> , <b>2013</b> , 266, 34-49	2.8	23
28	Total Urban Water Cycle Models in Semiarid Environments: Quantitative Scenario Analysis at the Area of San Luis Potosi, Mexico. <i>Water Resources Management</i> , <b>2011</b> , 25, 239-263	3.7	23
27	Geología y estratigrafía del pozo profundo San Lorenzo Tezonco y de sus alrededores, sur de la Cuenca de México. <i>Boletín De La Sociedad Geológica Mexicana</i> , <b>2015</b> , 67, 123-143	1.7	19
26	The effects of wastewater irrigation on groundwater quality in Mexico. <i>Water Science and Technology</i> , <b>1999</b> , 40, 45	2.2	17
25	Dynamic of the freshwater-saltwater interface in a karstic aquifer under extraordinary recharge action: the Merida Yucatan case study. <i>Environmental Geology</i> , <b>2006</b> , 51, 719-723		16
24	Vulnerability of Mexico City's water supply sources in the context of climate change. <i>Journal of Water and Climate Change</i> , <b>2015</b> , 6, 518-533	2.3	15
23	Relationship between chloride concentration and electrical conductivity in groundwater and its estimation from vertical electrical soundings (VESs) in Guasave, Sinaloa, Mexico. <i>Ciencia E Investigacion Agraria</i> , <b>2012</b> , 39, 229-239		14
22	Anthropogenic impacts on tropical karst lakes: Lagunas de Montebello, Chiapas. <i>Ecohydrology</i> , <b>2018</b> , 11, e2029	2.5	12
21	A comprehensive approach for the assessment of shared aquifers: the case of Mexico City. <i>Sustainable Water Resources Management</i> , <b>2015</b> , 1, 111-123	1.9	9
20	Playing with models and optimization to overcome the tragedy of the commons in groundwater. <i>Complexity</i> , <b>2013</b> , 19, 9-21	1.6	9
19	Identification of the components of a complex groundwater flow system subjected to intensive exploitation. <i>Journal of South American Earth Sciences</i> , <b>2020</b> , 98, 102434	2	9
18	The groundwater management plan: in praise of a neglected tool of our trade. <i>Hydrogeology Journal</i> , <b>2015</b> , 23, 847-850	3.1	8

17	Anthropogenic influence on the sediment chemistry and diatom assemblages of Balamtetik Lake, Chiapas, Mexico. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 15935-15943	5.1	7
16	Relationships between urban aquifers and preserved areas south of Mexico City. <i>Groundwater for Sustainable Development</i> , <b>2019</b> , 8, 373-380	6	6
15	Diagnóstico y análisis de los factores que influyen en la vulnerabilidad de las fuentes de abastecimiento de agua potable a la Ciudad de México, México. <i>Boletín De La Sociedad Geológica Mexicana</i> , <b>2016</b> , 68, 409-427	1.7	6
14	Water Management in San Luis Potosí Metropolitan Area, Mexico. <i>International Journal of Water Resources Development</i> , <b>2010</b> , 26, 459-475	3	5
13	Description of Chemical Changes in a Large Karstic System: Montebello, Mexico. <i>Procedia Earth and Planetary Science</i> , <b>2017</b> , 17, 829-832		4
12	Water-rock interaction and mixing processes of complex urban groundwater flow system subject to intensive exploitation: The case of Mexico City. <i>Journal of South American Earth Sciences</i> , <b>2020</b> , 103, 102719		4
11	Inorganic Water Quality Monitoring Using Specific Conductance in Mexico. <i>Ground Water Monitoring and Remediation</i> , <b>1998</b> , 18, 156-162	1.4	4
10	Lyapunov Flights, 1/f & Noise and Self Organized Criticality. <i>Journal of Modern Physics</i> , <b>2013</b> , 04, 337-343	0.5	4
9	Nutrients load estimation to a lake system through the local groundwater flow: Los Lagos de Montebello, México. <i>Journal of South American Earth Sciences</i> , <b>2018</b> , 84, 201-207	2	3
8	Estimación de parámetros mediante inversión y análisis de las pérdidas hidráulicas lineales y no-lineales durante el desarrollo y aforo del pozo San Lorenzo Tezonco. <i>Boletín De La Sociedad Geológica Mexicana</i> , <b>2015</b> , 67, 203-214	1.7	3
7	Heuristic Formulation of a Contextual Statistic Theory for Groundwater. <i>Foundations of Science</i> , <b>2018</b> , 23, 75-83	0.8	2
6	Complex groundwater flow systems as traveling agent models. <i>PeerJ</i> , <b>2014</b> , 2, e557	3.1	2
5	Geochemical characterization of components of the groundwater flow system in the basin of Mexico. <i>E3S Web of Conferences</i> , <b>2019</b> , 98, 07022	0.5	1
4	Groundwater recharge and pollutant transport beneath wastewater irrigation: the case of León, Mexico. <i>Geological Society Special Publication</i> , <b>1998</b> , 130, 153-168	1.7	1
3	20 Years of Global Change on the Limnology and Plankton of a Tropical, High-Altitude Lake. <i>Diversity</i> , <b>2022</b> , 14, 190	2.5	1
2	Understanding the processes in a historically relevant thermal and mineral spring water by using mixing and inverse geochemical models. <i>Environmental Geochemistry and Health</i> , <b>2022</b> , 1	4.7	0
1	Groundwater problems in Mexico. <i>Eos</i> , <b>1992</b> , 73, 211-211	1.5	