

MarÃ-a V Esteller

List of Publications by Year in descending order

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43
papers

1,018
citations

361045

20
h-index

433756

31
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43
all docs

43
docs citations

43
times ranked

1284
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecological and Health Risk Assessment of Potential Toxic Elements from a Mining Area (Water and Tj ETQq1 1 0.784314 rgBTj/Overlock	1.2	13
2	Effects of different amendments (organic matter and hydrogel) on the actual evapotranspiration and crop coefficient of turf grass under field conditions[*]. Irrigation and Drainage, 2021, 70, 293-305.	0.8	5
3	Hydrogeochemical changes during managed aquifer recharge (MAR) in a salinised coastal aquifer. Applied Geochemistry, 2021, 126, 104866.	1.4	4
4	Canine Silica Urolithiasis in Mexico, Associated with the Concentration of Dissolved Silica in Tap Water. Veterinary Medicine International, 2021, 2021, 1-6.	0.6	0
5	Hydrogeochemistry and geothermometry of thermal springs in the eastern Trans-Mexican Volcanic Belt. Geothermics, 2021, 96, 102176.	1.5	7
6	Effect of organic matter and hydrogel application on nitrate leaching in a turfgrass crop: a simulation study using HYDRUS. Journal of Soils and Sediments, 2021, 21, 1190-1205.	1.5	9
7	Tracing source and mobility of arsenic and trace elements in a hydrosystem impacted by past mining activities (Morelos state, Mexico). Science of the Total Environment, 2020, 712, 135565.	3.9	16
8	A lysimeter study under field conditions of nitrogen and phosphorus leaching in a turf grass crop amended with peat and hydrogel. Science of the Total Environment, 2019, 648, 530-541.	3.9	16
9	Hydrogeochemistry, isotopes and geothermometry of Ixtapan de la Salâ€™Tonatico hot springs, Mexico. Environmental Earth Sciences, 2019, 78, 1.	1.3	8
10	Mixing processes between thermal waters and non-thermal waters: a case study in Mexico. Environmental Earth Sciences, 2019, 78, 1.	1.3	5
11	Prioritization to protect springs for public urban water supplies, based on multi-criteria evaluation and GIS (State of Mexico, Mexico). Applied Geography, 2019, 107, 26-37.	1.7	6
12	ExperimentaciÃ³n reducida-controlada in situ del deslizamiento de suelo por efecto de flujo subsuperficial de agua. IngenierÃa InvestigaciÃ³n Y TecnologÃa, 2019, 20, 1-12.	0.2	1
13	Characterizing the hydrogeochemistry of two low-temperature thermal systems in Central Mexico. Journal of Geochemical Exploration, 2018, 185, 93-104.	1.5	38
14	Groundwater Flow Processes and Human Impact along the Arid US-Mexican Border, Evidenced by Environmental Tracers: The Case of Tecate, Baja California. International Journal of Environmental Research and Public Health, 2018, 15, 887.	1.2	14
15	Hydrogeochemical characteristics of a volcanic-sedimentary aquifer with special emphasis on Fe and Mn content: A case study in Mexico. Journal of Geochemical Exploration, 2017, 180, 113-126.	1.5	24
16	Hydrogeochemistry and water-rock interactions in the urban area of Puebla Valley aquifer (Mexico). Journal of Geochemical Exploration, 2017, 181, 219-235.	1.5	32
17	Geoinformatics tool with an emergy accounting approach for evaluating the sustainability of water systems: Case study of the Lerma river, Mexico. Ecological Engineering, 2017, 99, 436-453.	1.6	17
18	Spatial characterization of the seawater upconing process in a coastal Mediterranean aquifer (Plana) Tj ETQq0 0 0 rgBTj/Overlock 10 Tf	1.3	42

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19	Application of water quality index to evaluate groundwater quality (temporal and spatial variation) of an intensively exploited aquifer (Puebla valley, Mexico). <i>Environmental Monitoring and Assessment</i> , 2016, 188, 573.	1.3	17
20	Multi-Criteria Decision Analysis and GIS Approach for Prioritization of Drinking Water Utilities Protection Based on their Vulnerability to Contamination. <i>Water Resources Management</i> , 2016, 30, 1549-1566.	1.9	31
21	Groundwater Monitoring Network Design Using GIS and Multicriteria Analysis. <i>Water Resources Management</i> , 2015, 29, 3175-3194.	1.9	36
22	Groundwater pollution by arsenic and other toxic elements in an abandoned silver mine, Mexico. <i>Environmental Earth Sciences</i> , 2015, 74, 2893-2906.	1.3	25
23	Spatial distribution of nitrate health risk associated with groundwater use as drinking water in Merida, Mexico. <i>Applied Geography</i> , 2015, 65, 49-57.	1.7	76
24	Phosphorus release kinetics in a soil amended with biosolids and vermicompost. <i>Environmental Earth Sciences</i> , 2014, 71, 1441-1451.	1.3	25
25	Impacts of urbanization on groundwater hydrodynamics and hydrochemistry of the Toluca Valley aquifer (Mexico). <i>Environmental Monitoring and Assessment</i> , 2014, 186, 2979-2999.	1.3	67
26	The establishment of integrated water resources management based on emergy accounting. <i>Ecological Engineering</i> , 2014, 63, 72-87.	1.6	17
27	Territorial approach to increased energy consumption of water extraction from depletion of a highlands Mexican aquifer. <i>Journal of Environmental Management</i> , 2013, 128, 920-930.	3.8	6
28	Removal of groundwater arsenic using a household filter with iron spikes and stainless steel. <i>Journal of Environmental Management</i> , 2013, 131, 103-109.	3.8	22
29	Groundwater optimization model for sustainable management of the Valley of Puebla aquifer, Mexico. <i>Environmental Earth Sciences</i> , 2013, 70, 337-351.	1.3	24
30	Evaluation of hydrochemical changes due to intensive aquifer exploitation: case studies from Mexico. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 5725-5741.	1.3	31
31	Vermicomposting of Sewage Sludge: Earthworm Population and Agronomic Advantages. <i>Compost Science and Utilization</i> , 2012, 20, 11-17.	1.2	30
32	Groundwater Protection Using Vulnerability Maps and Wellhead Protection Area (WHPA): A Case Study in Mexico. <i>Water Resources Management</i> , 2010, 24, 4219-4236.	1.9	13
33	Nitrate and phosphate leaching in a Phaeozem soil treated with biosolids, composted biosolids and inorganic fertilizers. <i>Waste Management</i> , 2009, 29, 1936-1944.	3.7	42
34	Soil Organic Matter Quality and Zinc and Lead Sorption as Affected by a Sewage Sludge Or a Sewage Sludge Compost Application. <i>Compost Science and Utilization</i> , 2008, 16, 239-249.	1.2	1
35	Effect of sewage sludge or compost on the sorption and distribution of copper and cadmium in soil. <i>Waste Management</i> , 2006, 26, 71-81.	3.7	66
36	Contamination of corn growing areas due to intensive fertilization in the high plane of Mexico. <i>Water, Air, and Soil Pollution</i> , 2006, 175, 77-98.	1.1	15

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37	Anthropic effects on hydrochemical characteristics of the Valle de Toluca aquifer (central Mexico). <i>Hydrogeology Journal</i> , 2005, 13, 378-390.	0.9	27
38	Heavy Metals in Soil Treated with Sewage Sludge Composting, their Effect on Yield and Uptake of Broad Bean Seeds (<i>Vicia faba</i> L.). <i>Water, Air, and Soil Pollution</i> , 2005, 166, 303-319.	1.1	53
39	Environmental Effects of Aquifer Overexploitation: A Case Study in the Highlands of Mexico. <i>Environmental Management</i> , 2002, 29, 266-278.	1.2	56
40	Uranium and phosphate behavior in the vadose zone of a fertilized corn field. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2002, 254, 509-517.	0.7	12
41	Physico-chemical processes in a vadose zone during the infiltration of treated wastewater used for irrigation: application of the NETPATH model. <i>Environmental Geology</i> , 2001, 40, 923-930.	1.2	5
42	Determination of 2,4-D in aqueous solution by neutron activation analysis. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1999, 241, 323-325.	0.7	1
43	Application of principal components analysis to the study of salinization on the Castellon Plain (Spain). <i>Science of the Total Environment</i> , 1996, 177, 161-171.	3.9	63