

Marylynn Musgrove

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,671
citations

331670

21
h-index

580821

25
g-index

50
all docs

50
docs citations

50
times ranked

1744
citing authors

#	ARTICLE	IF	CITATIONS
1	Controls on the spatial and temporal variability of vadose dripwater geochemistry: Edwards aquifer, central Texas. <i>Geochimica Et Cosmochimica Acta</i> , 2004, 68, 1007-1020.	3.9	149
2	Seasonal Variations in Modern Speleothem Calcite Growth in Central Texas, U.S.A.. <i>Journal of Sedimentary Research</i> , 2007, 77, 615-622.	1.6	142
3	Radium geochemistry of ground waters in Paleozoic carbonate aquifers, midcontinent, USA. <i>Applied Geochemistry</i> , 2001, 16, 109-122.	3.0	117
4	Seasonal dripwater Mg/Ca and Sr/Ca variations driven by cave ventilation: Implications for and modeling of speleothem paleoclimate records. <i>Geochimica Et Cosmochimica Acta</i> , 2011, 75, 3514-3529.	3.9	113
5	Zn and Cu Isotopes as Tracers of Anthropogenic Contamination in a Sediment Core from an Urban Lake. <i>Environmental Science & Technology</i> , 2010, 44, 1544-1550.	10.0	98
6	Geochronology of late Pleistocene to Holocene speleothems from central Texas: Implications for regional paleoclimate. <i>Bulletin of the Geological Society of America</i> , 2001, 113, 1532-1543.	3.3	87
7	Controls on oxygen isotope variability in precipitation and cave drip waters, central Texas, USA. <i>Journal of Hydrology</i> , 2010, 385, 203-215.	5.4	82
8	High-resolution temporal record of Holocene ground-water chemistry: Tracing links between climate and hydrology. <i>Geology</i> , 1996, 24, 1049.	4.4	76
9	Tracing ground-water evolution in a limestone aquifer using Sr isotopes: Effects of multiple sources of dissolved ions and mineral-solution reactions. <i>Geology</i> , 1994, 22, 687.	4.4	75
10	Source, variability, and transformation of nitrate in a regional karst aquifer: Edwards aquifer, central Texas. <i>Science of the Total Environment</i> , 2016, 568, 457-469.	8.0	70
11	Coal-Tar-Based Parking Lot Sealcoat: An Unrecognized Source of PAH to Settled House Dust. <i>Environmental Science & Technology</i> , 2010, 44, 894-900.	10.0	66
12	Fipronil and its Degradates in Indoor and Outdoor Dust. <i>Environmental Science & Technology</i> , 2009, 43, 5665-5670.	10.0	63
13	Regional Ground-Water Mixing and the Origin of Saline Fluids: Midcontinent, United States. <i>Science</i> , 1993, 259, 1877-1882.	12.6	60
14	Oxygen isotopic fractionation between drip water and speleothem calcite: A 10-year monitoring study, central Texas, USA. <i>Chemical Geology</i> , 2012, 304-305, 53-67.	3.3	48
15	Holocene climate variability in Texas, USA: An integration of existing paleoclimate data and modeling with a new, high-resolution speleothem record. <i>Quaternary Science Reviews</i> , 2015, 127, 155-173.	3.0	43
16	Nutrient dynamics as indicators of karst processes: Comparison of the Chalk aquifer (Normandy,) Tj ETQq0 0 0 rgBT (Overlock, 10 Tf 50	3.3	41
17	New insights into nitrate dynamics in a karst groundwater system gained from in situ high-frequency optical sensor measurements. <i>Journal of Hydrology</i> , 2017, 546, 179-188.	5.4	38
18	Changes in sources and storage in a karst aquifer during a transition from drought to wet conditions. <i>Journal of Hydrology</i> , 2012, 468-469, 159-172.	5.4	36

#	ARTICLE	IF	CITATIONS
19	The occurrence and distribution of strontium in U.S. groundwater. <i>Applied Geochemistry</i> , 2021, 126, 104867.	3.0	35
20	Springwater geochemistry at Honey Creek State Natural Area, central Texas: Implications for surface water and groundwater interaction in a karst aquifer. <i>Journal of Hydrology</i> , 2010, 388, 144-156.	5.4	31
21	Changing amounts and sources of moisture in the U.S. southwest since the Last Glacial Maximum in response to global climate change. <i>Earth and Planetary Science Letters</i> , 2014, 401, 47-56.	4.4	30
22	Factors Affecting Publicâ€”Supply Well Vulnerability in Two Karst Aquifers. <i>Ground Water</i> , 2014, 52, 63-75.	1.3	22
23	Timescales of water-quality change in a karst aquifer, south-central Texas. <i>Journal of Hydrology X</i> , 2019, 4, 100041.	1.6	10
24	Stream and Spring Water Evolution in a Rapidly Urbanizing Watershed, Austin, TX. <i>Water Resources Research</i> , 2020, 56, e2019WR025623.	4.2	7
25	Corrigendum to “Changing amounts and sources of moisture in the U.S. southwest since the Last Glacial Maximum in response to global climate change” [Earth Planet. Sci. Lett. 401 (2014) 47–56]. <i>Earth and Planetary Science Letters</i> , 2014, 407, 234.	4.4	1