Marylynn Musgrove

List of Publications by Year
in descending order

25	1,671	331670 21	580821 25
papers	citations	h-index	g-index

50	50	50	1744
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The occurrence and distribution of strontium in U.S. groundwater. Applied Geochemistry, 2021, 126, 104867.	3.0	35
2	Stream and Spring Water Evolution in a Rapidly Urbanizing Watershed, Austin, TX. Water Resources Research, 2020, 56, e2019WR025623.	4.2	7
3	Timescales of water-quality change in a karst aquifer, south-central Texas. Journal of Hydrology X, 2019, 4, 100041.	1.6	10
4	New insights into nitrate dynamics in a karst groundwater system gained from in situ high-frequency optical sensor measurements. Journal of Hydrology, 2017, 546, 179-188.	5.4	38
5	Source, variability, and transformation of nitrate in a regional karst aquifer: Edwards aquifer, central Texas. Science of the Total Environment, 2016, 568, 457-469.	8.0	70
6	Holocene climate variability in Texas, USA: An integration of existing paleoclimate data and modeling with a new, high-resolution speleothem record. Quaternary Science Reviews, 2015, 127, 155-173.	3.0	43
7	Corrigendum to â€œChanging amounts and sources of moisture in the U.S. southwest since the Last Glacial Maximum in response to global climate changeâ€•[Earth Planet. Sci. Lett. 401 (2014) 47â€“56]. Earth and Planetary Science Letters, 2014, 407, 234.	4.4	1
8	Factors Affecting Publicâ€Supply Well Vulnerability in Two Karst Aquifers. Ground Water, 2014, 52, 63-75.	1.3	22
9	Changing amounts and sources of moisture in the U.S. southwest since the Last Glacial Maximum in response to global climate change. Earth and Planetary Science Letters, 2014, 401, 47-56.	4.4	30
10	Oxygen isotopic fractionation between drip water and speleothem calcite: A 10-year monitoring study, central Texas, USA. Chemical Geology, 2012, 304-305, 53-67.	3.3	48
11	Changes in sources and storage in a karst aquifer during a transition from drought to wet conditions. Journal of Hydrology, 2012, 468-469, 159-172.	5.4	36
12	Seasonal dripwater Mg/Ca and Sr/Ca variations driven by cave ventilation: Implications for and modeling of speleothem paleoclimate records. Geochimica Et Cosmochimica Acta, 2011, 75, 3514-3529.	3.9	113
13	Controls on oxygen isotope variability in precipitation and cave drip waters, central Texas, USA. Journal of Hydrology, 2010, 385, 203-215.	5.4	82
14	Springwater geochemistry at Honey Creek State Natural Area, central Texas: Implications for surface water and groundwater interaction in a karst aquifer. Journal of Hydrology, 2010, 388, 144-156.	5.4	31
15	Coal-Tar-Based Parking Lot Sealcoat: An Unrecognized Source of PAH to Settled House Dust. Environmental Science & Technology, 2010, 44, 894-900.	10.0	66
16	Zn and Cu Isotopes as Tracers of Anthropogenic Contamination in a Sediment Core from an Urban Lake. Environmental Science & Technology, 2010, 44, 1544-1550.	10.0	98
17	Fipronil and its Degradates in Indoor and Outdoor Dust. Environmental Science & Technology, 2009, 43, 5665-5670.	10.0	63
18	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

#	Article	IF	Citations
19	Seasonal Variations in Modern Speleothem Calcite Growth in Central Texas, U.S.A.. Journal of Sedimentary Research, 2007, 77, 615-622.	1.6	142
20	Controls on the spatial and temporal variability of vadose dripwater geochemistry: Edwards aquifer, central Texas. Geochimica Et Cosmochimica Acta, 2004, 68, 1007-1020.	3.9	149
21	Radium geochemistry of ground waters in Paleozoic carbonate aquifers, midcontinent, USA. Applied Geochemistry, 2001, 16, 109-122.	3.0	117
22	Geochronology of late Pleistocene to Holocene speleothemsfrom central Texas: Implications for regional paleoclimate. Bulletin of the Geological Society of America, 2001, 113, 1532-1543.	3.3	87
23	High-resolution temporal record of Holocene ground-water chemistry: Tracing links between climate and hydrology. Geology, 1996, 24, 1049.	4.4	76
24	Tracing ground-water evolution in a limestone aquifer using Sr isotopes: Effects of multiple sources of dissolved ions and mineral-solution reactions. Geology, 1994, 22, 687.	4.4	75
25	Regional Ground-Water Mixing and the Origin of Saline Fluids: Midcontinent, United States. Science, 1993, 259, 1877-1882.	12.6	60