

Toti E Larson

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

853
citations

430874

18
h-index

610901

24
g-index

24
all docs

24
docs citations

24
times ranked

1455
citing authors

#	ARTICLE	IF	CITATIONS
1	Frontiers of stable isotope geoscience. <i>Chemical Geology</i> , 2014, 372, 119-143.	3.3	99
2	Profile of a paleo-orogen: High topography across the present-day Basin and Range from 40 to 23 Ma. <i>Geology</i> , 2014, 42, 1007-1010.	4.4	79
3	Single-well push-pull test for assessing potential impacts of CO ₂ leakage on groundwater quality in a shallow Gulf Coast aquifer in Cranfield, Mississippi. <i>International Journal of Greenhouse Gas Control</i> , 2013, 18, 375-387.	4.6	70
4	A Porous Metal-Organic Replica of PbO_2 for Capture of Nerve Agent Surrogate. <i>Journal of the American Chemical Society</i> , 2010, 132, 17996-17999.	13.7	66
5	Characterization of Reaction Intermediate Aggregates in Aniline Oxidative Polymerization at Low Proton Concentration. <i>Journal of Physical Chemistry B</i> , 2010, 114, 10337-10346.	2.6	56
6	Methane Sources and Migration Mechanisms in Shallow Groundwaters in Parker and Hood Counties, Texas—A Heavy Noble Gas Analysis. <i>Environmental Science & Technology</i> , 2016, 50, 12012-12021.	10.0	45
7	Porous Metal-Organic Frameworks Containing Alkali-Bridged Two-Fold Interpenetration: Synthesis, Gas Adsorption, and Fluorescence Properties. <i>Crystal Growth and Design</i> , 2010, 10, 1301-1306.	3.0	42
8	Controls on Methane Occurrences in Shallow Aquifers Overlying the Haynesville Shale Gas Field, East Texas. <i>Ground Water</i> , 2017, 55, 443-454.	1.3	39
9	Constraining the subsoil carbon source to cave-air CO ₂ and speleothem calcite in central Texas. <i>Geochimica Et Cosmochimica Acta</i> , 2017, 217, 112-127.	3.9	36
10	Pretreatment technique for siderite removal for organic carbon isotope and C:N ratio analysis in geological samples. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 865-872.	1.5	34
11	Fracturing and fluid flow in a sub-dolomitic sandstone; or, a leak in the basement. <i>Journal of the Geological Society</i> , 2015, 172, 428-442.	2.1	32
12	Characterizing the Noble Gas Isotopic Composition of the Barnett Shale and Strawn Group and Constraining the Source of Stray Gas in the Trinity Aquifer, North-Central Texas. <i>Environmental Science & Technology</i> , 2017, 51, 6533-6541.	10.0	32
13	The oxygen-isotope composition of chondrules and isolated forsterite and olivine grains from the Tagish Lake carbonaceous chondrite. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 2484-2499.	3.9	30
14	Ocean acidification and photic-zone anoxia at the Toarcian Oceanic Anoxic Event: Insights from the Adriatic Carbonate Platform. <i>Sedimentology</i> , 2021, 68, 63-107.	3.1	30
15	Methane Occurrences in Aquifers Overlying the Barnett Shale Play with a Focus on Parker County, Texas. <i>Ground Water</i> , 2017, 55, 469-481.	1.3	29
16	The Texas Soil Observation Network: A Comprehensive Soil Moisture Dataset for Remote Sensing and Land Surface Model Validation. <i>Vadose Zone Journal</i> , 2019, 18, 1-20.	2.2	28
17	Carbon isotope effects of methane transport through Anahuac Shale—A core gas study. <i>Journal of Geochemical Exploration</i> , 2015, 148, 138-149.	3.2	23
18	Kinetic hysteresis in gas adsorption behavior for a rigid MOF arising from zig-zag channel structures. <i>Journal of Materials Chemistry</i> , 2012, 22, 10166.	6.7	21

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19	Controls on Methane Occurrences in Aquifers Overlying the Eagle Ford Shale Play, South Texas. <i>Ground Water</i> , 2017, 55, 455-468.	1.3	14
20	Monitoring Stray Natural Gas in Groundwater With Dissolved Nitrogen. An Example From Parker County, Texas. <i>Water Resources Research</i> , 2018, 54, 6024-6041.	4.2	14
21	Stable isotope constraints on the Al ₂ SiO ₅ 'triple-point' rocks from the Proterozoic Priest pluton contact aureole, New Mexico, USA. <i>Journal of Metamorphic Geology</i> , 2003, 21, 785-798.	3.4	13
22	Estimates of dietary overlap for six species of Amazonian manakin birds using stable isotopes. <i>Isotopes in Environmental and Health Studies</i> , 2013, 49, 420-435.	1.0	8
23	A 15 000-year record of climate change in northern New Mexico, USA, inferred from isotopic and elemental contents of bog sediments. <i>Journal of Quaternary Science</i> , 2010, 25, 1001-1007.	2.1	7
24	Assessing the strength of the monsoon during the late Pleistocene in southwestern United States. <i>Quaternary Science Reviews</i> , 2014, 103, 81-90.	3.0	6