

Toti E Larson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3492580/publications.pdf>

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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Frontiers of stable isotope geoscience. <i>Chemical Geology</i> , 2014, 372, 119-143. | 3.3 | 99 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | 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 |
| 23 | 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 |
| 24 | Stable isotope constraints on the Al_2SiO_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 |