Jennifer Druhan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7276518/publications.pdf

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20	259	1040056 9	996975 15
papers	citations	h-index	g-index

23	23	23	277
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	REWTCrunch: A Modeling Framework for Vegetation Induced Reactive Zone Processes in the Critical Zone. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	3.0	2
2	Geochemical Modeling of Celestite (SrSO₄) Precipitation and Reactive Transport in Shales. Environmental Science & Technology, 2022, 56, 4336-4344.	10.0	7
3	Chemical and Reactive Transport Processes Associated with Hydraulic Fracturing of Unconventional Oil/Gas Shales. Chemical Reviews, 2022, 122, 9198-9263.	47.7	25
4	Resiliency of Silica Export Signatures When Low Order Streams Are Subject to Storm Events. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	3.0	6
5	Impact of Concurrent Solubilization and Fines Migration on Fracture Aperture Growth in Shales during Acidized Brine Injection. Energy & Fuels, 2022, 36, 5681-5694.	5.1	6
6	Stable and radioactive carbon isotope partitioning in soils and saturated systems: a reactive transport modeling benchmark study. Computational Geosciences, 2021, 25, 1393-1403.	2.4	5
7	A first look at Ge/Si partitioning during amorphous silica precipitation: Implications for Ge/Si as a tracer of fluid-silicate interactions. Geochimica Et Cosmochimica Acta, 2021, 297, 158-178.	3.9	10
8	Development of soil radiocarbon profiles in a reactive transport framework. Geochimica Et Cosmochimica Acta, 2021, 306, 63-83.	3.9	3
9	Tropical Weathering History Recorded in the Silicon Isotopes of Lateritic Weathering Profiles. Geophysical Research Letters, 2021, 48, e2021GL092957.	4.0	7
10	A reactive transport approach to modeling cave seepage water chemistry II: Elemental signatures. Geochimica Et Cosmochimica Acta, 2021, 311, 353-373.	3.9	5
11	A reactive transport approach to modeling cave seepage water chemistry I: Carbon isotope transformations. Geochimica Et Cosmochimica Acta, 2021, 311, 374-400.	3.9	10
12	A Critical Review of the Physicochemical Impacts of Water Chemistry on Shale in Hydraulic Fracturing Systems. Environmental Science & Technology, 2021, 55, 1377-1394.	10.0	51
13	Influence of physical and chemical hydrology on bioremediation of a U-contaminated aquifer informed by reactive transport modeling incorporating 238U/235U ratios. Geochimica Et Cosmochimica Acta, 2020, 269, 303-328.	3.9	12
14	Reactive alteration of a Mt. Simon Sandstone due to CO2-rich brine displacement. Geochimica Et Cosmochimica Acta, 2020, 271, 227-247.	3.9	19
15	Soil Respiration Response to Rainfall Modulated by Plant Phenology in a Montane Meadow, East River, Colorado, USA. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005924.	3.0	11
16	Carbon Dioxide Production in Bedrock Beneath Soils Substantially Contributes to Forest Carbon Cycling. Journal of Geophysical Research G: Biogeosciences, 2020, 125, e2020JG005795.	3.0	23
17	On the utility of quantitative modeling to the interpretation of Ca isotopes. Chemical Geology, 2020, 537, 119469.	3.3	3
18	Modeling Transient Soil Moisture Limitations on Microbial Carbon Respiration. Journal of Geophysical Research G: Biogeosciences, 2019, 124, 2222-2247.	3.0	11

#	Article	IF	Citations
19	The influence of mixing on stable isotope ratios in porous media: A revised Rayleigh model. Water Resources Research, 2017, 53, 1101-1124.	4.2	39
20	Numerical modeling of groundwaterâ€driven stream network evolution in lowâ€relief postâ€glacial landscapes. Earth Surface Processes and Landforms, 0, , .	2.5	2