

Susan Lang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7599373/publications.pdf>

Version: 2024-02-01

25
papers

1,634
citations

471509

17
h-index

610901

24
g-index

29
all docs

29
docs citations

29
times ranked

1708
citing authors

#	ARTICLE	IF	CITATIONS
1	Serpentinization, Carbon, and Deep Life. <i>Reviews in Mineralogy and Geochemistry</i> , 2013, 75, 575-606.	4.8	368
2	Elevated concentrations of formate, acetate and dissolved organic carbon found at the Lost City hydrothermal field. <i>Geochimica Et Cosmochimica Acta</i> , 2010, 74, 941-952.	3.9	300
3	Dissolved organic carbon in ridge-axis and ridge-flank hydrothermal systems. <i>Geochimica Et Cosmochimica Acta</i> , 2006, 70, 3830-3842.	3.9	162
4	Microbial utilization of abiogenic carbon and hydrogen in a serpentinite-hosted system. <i>Geochimica Et Cosmochimica Acta</i> , 2012, 92, 82-99.	3.9	105
5	Metagenomic identification of active methanogens and methanotrophs in serpentinite springs of the Voltri Massif, Italy. <i>PeerJ</i> , 2017, 5, e2945.	2.0	91
6	Deeply-sourced formate fuels sulfate reducers but not methanogens at Lost City hydrothermal field. <i>Scientific Reports</i> , 2018, 8, 755.	3.3	81
7	Stable isotope analysis of organic carbon in small ($\hat{\text{A}}\mu\text{g C}$) samples and dissolved organic matter using a GasBench preparation device. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 9-16.	1.5	66
8	Serpentinization: Connecting Geochemistry, Ancient Metabolism and Industrial Hydrogenation. <i>Life</i> , 2018, 8, 41.	2.4	61
9	Magmatism, serpentinization and life: Insights through drilling the Atlantis Massif (IODP Expedition) Tj ETQq1 1 0.784314 rgBT /Over 1.4 58	1.4	58
10	Sources of organic nitrogen at the serpentinite-hosted L -ost C -ity hydrothermal field. <i>Geobiology</i> , 2013, 11, 154-169.	2.4	48
11	Mineralizing Filamentous Bacteria from the Prony Bay Hydrothermal Field Give New Insights into the Functioning of Serpentinization-Based Subseafloor Ecosystems. <i>Frontiers in Microbiology</i> , 2017, 8, 57.	3.5	40
12	Habitability of the marine serpentinite subsurface: a case study of the Lost City hydrothermal field. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2020, 378, 20180429.	3.4	39
13	Large CO_2 release and tidal flushing in salt marsh crab burrows reduce the potential for blue carbon sequestration. <i>Limnology and Oceanography</i> , 2021, 66, 14-29.	3.1	37
14	Sources and cycling of carbon in continental, serpentinite-hosted alkaline springs in the Voltri Massif, Italy. <i>Lithos</i> , 2013, 177, 226-244.	1.4	35
15	Exploring the metabolic potential of microbial communities in ultra-basic, reducing springs at The Cedars, CA, USA: Experimental evidence of microbial methanogenesis and heterotrophic acetogenesis. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 1203-1220.	3.0	35
16	Record of archaeal activity at the serpentinite-hosted L -ost C -ity H -ydrothermal F -ield. <i>Geobiology</i> , 2013, 11, 570-592.	2.4	27
17	Genomic Evidence for Formate Metabolism by <i>Chloroflexi</i> as the Key to Unlocking Deep Carbon in Lost City Microbial Ecosystems. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	23
18	Isotopic ($\hat{13}\text{C}$, $\hat{14}\text{C}$) analysis of organic acids in marine samples using wet chemical oxidation. <i>Limnology and Oceanography: Methods</i> , 2013, 11, 161-175.	2.0	16

#	ARTICLE	IF	CITATIONS
19	Activities of ²²³ Ra and ²²⁶ Ra in Fluids From the Lost City Hydrothermal Field Require Short Fluid Residence Times. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017886.	2.6	9
20	Hydrothermal Organic Geochemistry (HOG) sampler for deployment on deep-sea submersibles. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2021, 173, 103529.	1.4	8
21	Lower hydrogen flux leads to larger carbon isotopic fractionation of methane and biomarkers during hydrogenotrophic methanogenesis. <i>Geochimica Et Cosmochimica Acta</i> , 2020, 271, 212-226.	3.9	6
22	Assessment of apolar lipids in seafloor rocks and potential contaminants from the Atlantis Massif (IODP Expedition 357). <i>Organic Geochemistry</i> , 2018, 122, 68-77.	1.8	5
23	Extensive decentralized hydrogen export from the Atlantis Massif. <i>Geology</i> , 2021, 49, 851-856.	4.4	5
24	Multi-stage evolution of the Lost City hydrothermal vent fluids. <i>Geochimica Et Cosmochimica Acta</i> , 2022, 332, 239-262.	3.9	5
25	Carbon in the Deep Biosphere. , 2019, , 480-523.		3