Susan Q Lang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10823222/publications.pdf

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34 papers	1,446 citations	361413 20 h-index	454955 30 g-index
36 all docs	36 docs citations	36 times ranked	1576 citing authors

#	Article	IF	Citations
1	Multi-stage evolution of the Lost City hydrothermal vent fluids. Geochimica Et Cosmochimica Acta, 2022, 332, 239-262.	3.9	5
2	Extensive decentralized hydrogen export from the Atlantis Massif. Geology, 2021, 49, 851-856.	4.4	5
3	Hydrothermal Organic Geochemistry (HOG) sampler for deployment on deep-sea submersibles. Deep-Sea Research Part I: Oceanographic Research Papers, 2021, 173, 103529.	1.4	8
4	Particulate and Dissolved Organic Matter in Stormwater Runoff Influences Oxygen Demand in Urbanized Headwater Catchments. Environmental Science & Technology, 2021, 55, 952-961.	10.0	29
5	Habitability of the marine serpentinite subsurface: a caseÂstudy of the Lost City hydrothermal field. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2020, 378, 20180429.	3.4	39
6	Genomic Evidence for Formate Metabolism by Chloroflexi as the Key to Unlocking Deep Carbon in Lost City Microbial Ecosystems. Applied and Environmental Microbiology, 2020, 86, .	3.1	23
7	Carbon in the Deep Biosphere. , 2019, , 480-523.		3
8	Towards Organic Carbon Isotope Records from Stalagmites: Coupled Î´13C and 14C Analysis Using Wet Chemical Oxidation. Radiocarbon, 2019, 61, 749-764.	1.8	1
9	Deeply-sourced formate fuels sulfate reducers but not methanogens at Lost City hydrothermal field. Scientific Reports, 2018, 8, 755.	3.3	81
10	Serpentinization: Connecting Geochemistry, Ancient Metabolism and Industrial Hydrogenation. Life, 2018, 8, 41.	2.4	61
11	Enrichments of Metals, Including Methylmercury, in Sewage Spills in South Carolina, USA. Journal of Environmental Quality, 2018, 47, 1258-1266.	2.0	6
12	Magmatism, serpentinization and life: Insights through drilling the Atlantis Massif (IODP Expedition) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.4	58
13	Assessment of apolar lipids in subseafloor rocks and potential contaminants from the Atlantis Massif (IODP Expedition 357). Organic Geochemistry, 2018, 122, 68-77.	1.8	5
14	¹⁴C Contamination Testing in Natural Abundance Laboratories: A New Preparation Method Using Wet Chemical Oxidation and Some Experiences â€“ CORRIGENDUM. Radiocarbon, 2017, 59, 269-269.	1.8	0
15	Mineralizing Filamentous Bacteria from the Prony Bay Hydrothermal Field Give New Insights into the Functioning of Serpentinization-Based Subseafloor Ecosystems. Frontiers in Microbiology, 2017, 8, 57.	3.5	40
16	Metagenomic identification of active methanogens and methanotrophs in serpentinite springs of the Voltri Massif, Italy. PeerJ, 2017, 5, e2945.	2.0	91
17	Exploring the metabolic potential of microbial communities in ultraâ€basic, reducing springs at The Cedars, CA, USA: Experimental evidence of microbial methanogenesis and heterotrophic acetogenesis. Journal of Geophysical Research G: Biogeosciences, 2016, 121, 1203-1220.	3.0	35
18	¹⁴C Contamination Testing in Natural Abundance Laboratories: A New Preparation Method Using Wet Chemical Oxidation and Some Experiences. Radiocarbon, 2016, 58, 935-941.	1.8	6

#	Article	IF	Citations
19	Rapid 14C Analysis of Dissolved Organic Carbon in Non-Saline Waters. Radiocarbon, 2016, 58, 505-515.	1.8	24
20	Molecular evidence for abiotic sulfurization of dissolved organic matter in marine shallow hydrothermal systems. Geochimica Et Cosmochimica Acta, 2016, 190, 35-52.	3.9	60
21	Characterization, Quantification and Compound-specific Isotopic Analysis of Pyrogenic Carbon Using Benzene Polycarboxylic Acids (BPCA). Journal of Visualized Experiments, 2016, , .	0.3	21
22	Investigations of potential microbial methanogenic and carbon monoxide utilization pathways in ultra-basic reducing springs associated with present-day continental serpentinization: the Tablelands, NL, CAN. Frontiers in Microbiology, 2014, 5, 613.	3.5	45
23	Biosignatures in chimney structures and sediment from the Lokiâ€™s Castle low-temperature hydrothermal vent field at the Arctic Mid-Ocean Ridge. Extremophiles, 2014, 18, 545-560.	2.3	29
24	Purification of fire derived markers for Î¼g scale isotope analysis (Î´13C, Î”14C) using high performance liquid chromatography (HPLC). Organic Geochemistry, 2014, 70, 1-9.	1.8	13
25	Sources and cycling of carbon in continental, serpentinite-hosted alkaline springs in the Voltri Massif, Italy. Lithos, 2013, 177, 226-244.	1.4	35
26	Isotopic (Î´13C, Î”14C) analysis of organic acids in marine samples using wet chemical oxidation. Limnology and Oceanography: Methods, 2013, 11, 161-175.	2.0	16
27	18. Serpentinization, Carbon, and Deep Life. , 2013, , 575-606.		14
28	Microbial utilization of abiogenic carbon and hydrogen in a serpentinite-hosted system. Geochimica Et Cosmochimica Acta, 2012, 92, 82-99.	3.9	105
29	Stable isotope analysis of organic carbon in small (Âµg C) samples and dissolved organic matter using a GasBench preparation device. Rapid Communications in Mass Spectrometry, 2012, 26, 9-16.	1.5	66
30	Elevated concentrations of formate, acetate and dissolved organic carbon found at the Lost City hydrothermal field. Geochimica Et Cosmochimica Acta, 2010, 74, 941-952.	3.9	300
31	A method to measure the isotopic (13C) composition of dissolved organic carbon using a high temperature combustion instrument. Marine Chemistry, 2007, 103, 318-326.	2.3	29
32	Dissolved organic carbon in ridge-axis and ridge-flank hydrothermal systems. Geochimica Et Cosmochimica Acta, 2006, 70, 3830-3842.	3.9	162
33	Dissolved organic carbon measurement using a modified high-temperature combustion analyzer. Marine Chemistry, 2003, 81, 89-104.	2.3	27
34	Isotopic evidence for sources of dissolved carbon and the role of organic matter respiration in the Fraser River basin, Canada. Biogeochemistry, 0, , .	3.5	3