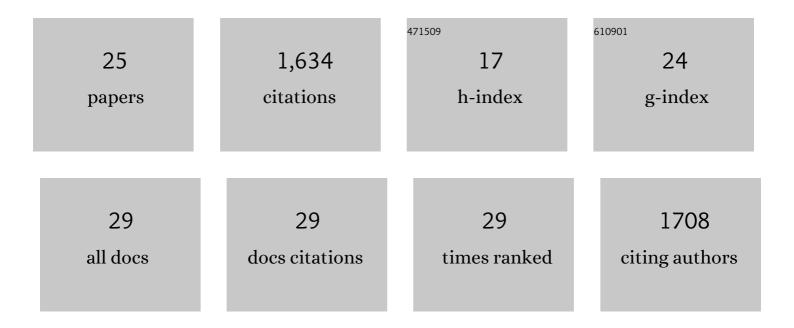
Susan Lang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Serpentinization, Carbon, and Deep Life. Reviews in Mineralogy and Geochemistry, 2013, 75, 575-606.	4.8	368
2	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
3	Dissolved organic carbon in ridge-axis and ridge-flank hydrothermal systems. Geochimica Et Cosmochimica Acta, 2006, 70, 3830-3842.	3.9	162
4	Microbial utilization of abiogenic carbon and hydrogen in a serpentinite-hosted system. Geochimica Et Cosmochimica Acta, 2012, 92, 82-99.	3.9	105
5	Metagenomic identification of active methanogens and methanotrophs in serpentinite springs of the Voltri Massif, Italy. PeerJ, 2017, 5, e2945.	2.0	91
6	Deeply-sourced formate fuels sulfate reducers but not methanogens at Lost City hydrothermal field. Scientific Reports, 2018, 8, 755.	3.3	81
7	Stable isotope analysis of organic carbon in small (µg C) samples and dissolved organic matter using a GasBench preparation device. Rapid Communications in Mass Spectrometry, 2012, 26, 9-16.	1.5	66
8	Serpentinization: Connecting Geochemistry, Ancient Metabolism and Industrial Hydrogenation. Life, 2018, 8, 41.	2.4	61
9	Magmatism, serpentinization and life: Insights through drilling the Atlantis Massif (IODP Expedition) Tj ETQq1	1 0.784314 1.4	rgBT /Overlo
10	Sources of organic nitrogen at the serpentiniteâ€hosted <scp>L</scp> ost <scp>C</scp> ity hydrothermal field. Geobiology, 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. Frontiers in Microbiology, 2017, 8, 57.	3.5	40
12	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
13	Large <scp>CO₂</scp> release and tidal flushing in salt marsh crab burrows reduce the potential for blue carbon sequestration. Limnology and Oceanography, 2021, 66, 14-29.	3.1	37
14	Sources and cycling of carbon in continental, serpentinite-hosted alkaline springs in the Voltri Massif, Italy. Lithos, 2013, 177, 226-244.	1.4	35
15	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
16	Record of archaeal activity at the serpentiniteâ€hosted <scp>L</scp> ost <scp>C</scp> ity <scp>H</scp> ydrothermal <scp>F</scp> ield. Geobiology, 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. Applied and Environmental Microbiology, 2020, 86, .	3.1	23
18	lsotopic (δ13C, Δ14C) analysis of organic acids in marine samples using wet chemical oxidation. Limnology and Oceanography: Methods, 2013, 11, 161-175.	2.0	16

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19	Activities of ²²³ Ra and ²²⁶ Ra in Fluids From the Lost City Hydrothermal Field Require Short Fluid Residence Times. Journal of Geophysical Research: Oceans, 2021, 126, e2021JC017886.	2.6	9
20	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
21	Lower hydrogen flux leads to larger carbon isotopic fractionation of methane and biomarkers during hydrogenotrophic methanogenesis. Geochimica Et Cosmochimica Acta, 2020, 271, 212-226.	3.9	6
22	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
23	Extensive decentralized hydrogen export from the Atlantis Massif. Geology, 2021, 49, 851-856.	4.4	5
24	Multi-stage evolution of the Lost City hydrothermal vent fluids. Geochimica Et Cosmochimica Acta, 2022, 332, 239-262.	3.9	5
25	Carbon in the Deep Biosphere. , 2019, , 480-523.		3