Anais Cario

List of Publications by Year
in descending order

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15 papers	424 citations	1040056 9 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	509 citing authors

#	Article	IF	Citations
1	Continuous Segmented-Flow Synthesis of Ag and Au Nanoparticles Using a Low Cost Microfluidic PTFE Tubing Reactor. IEEE Transactions on Nanobioscience, 2022, 21, 135-140.	3.3	7
2	Characterizing the Piezosphere: The Effects of Decompression on Microbial Growth Dynamics. Frontiers in Microbiology, 2022, 13, .	3.5	5
3	High-Pressure Microfluidics for Ultra-Fast Microbial Phenotyping. Frontiers in Microbiology, 2022, 13, .	3.5	2
4	Studying key processes related to CO₂ underground storage at the pore scale using high pressure micromodels. Reaction Chemistry and Engineering, 2020, 5, 1156-1185.	3.7	20
5	Rate and Extent of Growth of a Model Extremophile, Archaeoglobus fulgidus, Under High Hydrostatic Pressures. Frontiers in Microbiology, 2020, 11, 1023.	3.5	7
6	Novel Intact Polar and Core Lipid Compositions in the Pyrococcus Model Species, P. furiosus and P. yayanosii, Reveal the Largest Lipid Diversity Amongst Thermococcales. Biomolecules, 2020, 10, 830.	4.0	11
7	Exploring the Deep Marine Biosphere: Challenges, Innovations, and Opportunities. Frontiers in Earth Science, 2019, 7, .	1.8	34
8	Microfluidics and Surface-Enhanced Raman Spectroscopy: A Perfect Match for New Analytical Tools. IEEE Transactions on Nanobioscience, 2019, 18, 558-566.	3.3	17
9	Molecular chaperone accumulation as a function of stress evidences adaptation to high hydrostatic pressure in the piezophilic archaeon Thermococcus barophilus. Scientific Reports, 2016, 6, 29483.	3.3	35
10	High protein flexibility and reduced hydration water dynamics are key pressure adaptive strategies in prokaryotes. Scientific Reports, 2016, 6, 32816.	3.3	45
11	Membrane homeoviscous adaptation in the piezo-hyperthermophilic archaeon Thermococcus barophilus. Frontiers in Microbiology, 2015, 6, 1152.	3.5	71
12	Restoration of the di-myo-inositol-phosphate pathway in the piezo-hyperthermophilic archaeon Thermococcus barophilus. Biochimie, 2015, 118, 286-293.	2.6	9
13	High hydrostatic pressure increases amino acid requirements in the piezo-hyperthermophilic archaeon Thermococcus barophilus. Research in Microbiology, 2015, 166, 710-716.	2.1	16
14	Deep Sea Microbes Probed by Incoherent Neutron Scattering Under High Hydrostatic Pressure. Zeitschrift Fur Physikalische Chemie, 2014, 228, .	2.8	25
15	Adaptation of the membrane in Archaea. Biophysical Chemistry, 2013, 183, 42-56.	2.8	112