Rachel A Lundeen

List of Publications by Year
in descending order

15	1,146	687363 13	996975 15
papers	citations	h-index	g-index

16	16	16	1460
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prochlorococcus extracellular vesicles: molecular composition and adsorption to diverse microbes. Environmental Microbiology, 2022, 24, 420-435.	3.8	25
2	Protein cycling in the eastern tropical North Pacific oxygenâ€deficient zone: A de novoâ€discovery peptidomic approach. Limnology and Oceanography, 2022, 67, 498-510.	3.1	1
3	A ubiquitous tire rubberâ€“derived chemical induces acute mortality in coho salmon. Science, 2021, 371, 185-189.	12.6	504
4	Targeted Mass Spectrometry Enables Multiplexed Quantification of Immunomodulatory Proteins in Clinical Biospecimens. Frontiers in Immunology, 2021, 12, 765898.	4.8	13
5	Morphological Plasticity in a Sulfur-Oxidizing Marine Bacterium from the SUP05 Clade Enhances Dark Carbon Fixation. MBio, 2019, 10, .	4.1	24
6	Heterotrophic carbon metabolism and energy acquisition in Candidatus Thioglobus singularis strain PS1, a member of the SUP05 clade of marine Gammaproteobacteria. Environmental Microbiology, 2019, 21, 2391-2401.	3.8	30
7	Stress response of a marine ammonia-oxidizing archaeon informs physiological status of environmental populations. ISME Journal, 2018, 12, 508-519.	9.8	82
8	Photochemical and Nonphotochemical Transformations of Cysteine with Dissolved Organic Matter. Environmental Science & Technology, 2016, 50, 6363-6373.	10.0	73
9	Photooxidation of the Antimicrobial, Nonribosomal Peptide Bacitracin A by Singlet Oxygen under Environmentally Relevant Conditions. Environmental Science & Technology, 2016, 50, 8586-8595.	10.0	22
10	Enhanced Indirect Photochemical Transformation of Histidine and Histamine through Association with Chromophoric Dissolved Organic Matter. Environmental Science & Technology, 2015, 49, 5511-5519.	10.0	51
11	Assessing the Indirect Photochemical Transformation of Dissolved Combined Amino Acids through the Use of Systematically Designed Histidine-Containing Oligopeptides. Environmental Science & Technology, 2015, 49, 12798-12807.	10.0	15
12	Environmental Photochemistry of Amino Acids, Peptides and Proteins. Chimia, 2014, 68, 812.	0.6	42
13	Direct photochemistry of three fluoroquinolone antibacterials: Norfloxacin, ofloxacin, and enrofloxacin. Water Research, 2013, 47, 439-448.	11.3	191
14	Reactivity Differences of Combined and Free Amino Acids: Quantifying the Relationship between Three-Dimensional Protein Structure and Singlet Oxygen Reaction Rates. Environmental Science & Technology, 2013, 47, 14215-14223.	10.0	41
15	Environmental Photochemistry of Tylosin:â€‰ Efficient, Reversible Photoisomerization to a Less-Active Isomer, Followed by Photolysis. Journal of Agricultural and Food Chemistry, 2007, 55, 7062-7068.	5.2	32