

Rachel A Lundeen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4416038/publications.pdf>

Version: 2024-02-01

15
papers

1,146
citations

687363

13
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

1460
citing authors

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