

Laura Steindler

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

2,228
citations

430442

18
h-index

395343

33
g-index

38
all docs

38
docs citations

38
times ranked

2645
citing authors

#	ARTICLE	IF	CITATIONS
1	Diversity, structure and convergent evolution of the global sponge microbiome. Nature Communications, 2016, 7, 11870.	5.8	594
2	Detection of quorum-sensing N-acyl homoserine lactone signal molecules by bacterial biosensors. FEMS Microbiology Letters, 2007, 266, 1-9.	0.7	349
3	The sponge microbiome project. GigaScience, 2017, 6, 1-7.	3.3	193
4	Energy Starved Candidatus Pelagibacter Ubique Substitutes Light-Mediated ATP Production for Endogenous Carbon Respiration. PLoS ONE, 2011, 6, e19725.	1.1	190
5	Lifestyle Evolution in Cyanobacterial Symbionts of Sponges. MBio, 2015, 6, e00391-15.	1.8	103
6	16S rRNA Phylogeny of Sponge-Associated Cyanobacteria. Applied and Environmental Microbiology, 2005, 71, 4127-4131.	1.4	102
7	Biogeography rather than association with cyanobacteria structures symbiotic microbial communities in the marine sponge Petrosia ficiformis. Frontiers in Microbiology, 2014, 5, 529.	1.5	68
8	Quorum Sensing Inhibitors from the Sea Discovered Using Bacterial N-acyl-homoserine Lactone-Based Biosensors. Marine Drugs, 2017, 15, 53.	2.2	68
9	In Search of Alternative Antibiotic Drugs: Quorum-Quenching Activity in Sponges and their Bacterial Isolates. Frontiers in Microbiology, 2016, 7, 416.	1.5	66
10	Transmission, plasticity and the molecular identification of cyanobacterial symbionts in the Red Sea sponge Diacarnus erythraenus. Marine Biology, 2005, 148, 35-41.	0.7	50
11	Surface properties of SAR11 bacteria facilitate grazing avoidance. Nature Microbiology, 2017, 2, 1608-1615.	5.9	44
12	Particle-associated and free-living bacterial communities in an oligotrophic sea are affected by different environmental factors. Environmental Microbiology, 2021, 23, 4295-4308.	1.8	35
13	Differential Gene Expression in a Marine Sponge in Relation to Its Symbiotic State. Marine Biotechnology, 2007, 9, 543-549.	1.1	33
14	Metagenomic analysis reveals unusually high incidence of proteorhodopsin genes in the ultraoligotrophic eastern Mediterranean Sea. Environmental Microbiology, 2017, 19, 1077-1090.	1.8	31
15	A New N -Acyl Homoserine Lactone Synthase in an Uncultured Symbiont of the Red Sea Sponge Theonella swinhoei. Applied and Environmental Microbiology, 2016, 82, 1274-1285.	1.4	30
16	Life at Home and on the Roam: Genomic Adaptions Reflect the Dual Lifestyle of an Intracellular, Facultative Symbiont. MSystems, 2019, 4, .	1.7	30
17	Plakofuranolactone as a Quorum Quenching Agent from the Indonesian Sponge Plakortis cf. lita. Marine Drugs, 2017, 15, 59.	2.2	28
18	Characterization of sponge-associated Verrucomicrobia: microcompartment-based sugar utilization and enhanced toxin-antitoxin modules as features of host-associated Opitutales. Environmental Microbiology, 2020, 22, 4669-4688.	1.8	26

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19	Sponge microbiome stability during environmental acquisition of highly specific photosymbionts. <i>Environmental Microbiology</i> , 2020, 22, 3593-3607.	1.8	20
20	Pesticide-mediated trophic cascade and an ecological trap for mosquitoes. <i>Ecosphere</i> , 2018, 9, e02179.	1.0	17
21	Identification of Quorum Sensing Activators and Inhibitors in The Marine Sponge <i>Sarcotragus spinosulus</i> . <i>Marine Drugs</i> , 2020, 18, 127.	2.2	17
22	Isolation, Genomic and Metabolomic Characterization of <i>Streptomyces tendae</i> VITAKN with Quorum Sensing Inhibitory Activity from Southern India. <i>Microorganisms</i> , 2020, 8, 121.	1.6	17
23	Isolation of Marine <i>Paracoccus</i> sp. Ss63 from the Sponge <i>Sarcotragus</i> sp. and Characterization of its Quorum Sensing Chemical Signaling Molecules by LC-MS/MS Analysis. <i>Israel Journal of Chemistry</i> , 2016, 56, 330-340.	1.0	16
24	Genomic Insights Into the Lifestyles of Thaumarchaeota Inside Sponges. <i>Frontiers in Microbiology</i> , 2020, 11, 622824.	1.5	16
25	Pyrosequencing analysis of aerobic anoxygenic phototrophic bacterial community structure in the oligotrophic western Pacific Ocean. <i>FEMS Microbiology Letters</i> , 2015, 362, fmv034.	0.7	14
26	Identification and chemical characterization of N-acyl-homoserine lactone quorum sensing signals across sponge species and time. <i>FEMS Microbiology Ecology</i> , 2018, 94, .	1.3	13
27	Lineage-specific energy and carbon metabolism of sponge symbionts and contributions to the host carbon pool. <i>ISME Journal</i> , 2022, 16, 1163-1175.	4.4	13
28	Microbial rhodopsins are increasingly favoured over chlorophyll in High Nutrient Low Chlorophyll waters. <i>Environmental Microbiology Reports</i> , 2021, 13, 401-406.	1.0	11
29	Contribution of Maternal and Paternal Transmission to Bacterial Colonization in <i>Nematostella vectensis</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 726795.	1.5	11
30	Spatiotemporal Variation of Microbial Communities in the Ultra-Oligotrophic Eastern Mediterranean Sea. <i>Frontiers in Microbiology</i> , 2022, 13, 867694.	1.5	7
31	<i>Petrosia ficiformis</i> (Poiret, 1789): an excellent model for holobiont and biotechnological studies. <i>Current Opinion in Biotechnology</i> , 2022, 74, 61-65.	3.3	6
32	Draft Genome Sequence of Terrestrial <i>Streptomyces</i> sp. Strain VITNK9, Isolated from Vellore, Tamil Nadu, India, Exhibiting Antagonistic Activity against Fish Pathogens. <i>Microbiology Resource Announcements</i> , 2021, 10, .	0.3	2