Laura Gomez-Consarnau

List of Publications by Year
in descending order

24	2,166	430874	610901
papers	citations	18 h-index	24 g-index

26	26	26	2507
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spatiotemporal Variation of Microbial Communities in the Ultra-Oligotrophic Eastern Mediterranean Sea. Frontiers in Microbiology, 2022, 13, 867694.	3.5	7
2	Growth rateâ€dependent synthesis of halomethanes in marine heterotrophic bacteria and its implications for the ozone layer recovery. Environmental Microbiology Reports, 2021, 13, 77-85.	2.4	3
3	Microbial rhodopsins are increasingly favoured over chlorophyll in High Nutrient Low Chlorophyll waters. Environmental Microbiology Reports, 2021, 13, 401-406.	2.4	11
4	Environmental gradients and physical barriers drive the basinâ€wide spatial structuring of Mediterranean Sea and adjacent eastern Atlantic Ocean prokaryotic communities. Limnology and Oceanography, 2021, 66, 4077-4095.	3.1	16
5	Microbial rhodopsins are major contributors to the solar energy captured in the sea. Science Advances, 2019, 5, eaaw8855.	10.3	97
6	Mosaic patterns of Bâ€vitamin synthesis and utilization in a natural marine microbial community. Environmental Microbiology, 2018, 20, 2809-2823.	3.8	59
7	Proteorhodopsins dominate the expression of phototrophic mechanisms in seasonal and dynamic marine picoplankton communities. PeerJ, 2018, 6, e5798.	2.0	22
8	Proteorhodopsin light-enhanced growth linked to vitamin-B1 acquisition in marine Flavobacteria. ISME Journal, 2016, 10, 1102-1112.	9.8	58
9	Vitamin B1 in marine sediments: pore water concentration gradient drives benthic flux with potential biological implications. Frontiers in Microbiology, 2015, 6, 434.	3.5	22
10	Beyond the iron age: the ecological relevance of non-ferrous bioactive trace metals and organic growth factors in aquatic systems. Frontiers in Microbiology, 2015, 6, 218.	3.5	3
11	Seawater mesocosm experiments in the <scp>A</scp>rctic uncover differential transfer of marine bacteria to aerosols. Environmental Microbiology Reports, 2015, 7, 460-470.	2.4	32
12	The Role of B Vitamins in Marine Biogeochemistry. Annual Review of Marine Science, 2014, 6, 339-367.	11.6	274
13	The phylogenetic and ecological context of cultured and whole genome-sequenced planktonic bacteria from the coastal NW Mediterranean Sea. Systematic and Applied Microbiology, 2014, 37, 216-228.	2.8	22
14	Genomics and Physiology of a Marine Flavobacterium Encoding a Proteorhodopsin and a Xanthorhodopsin-Like Protein. PLoS ONE, 2013, 8, e57487.	2.5	42
15	Multiple B-vitamin depletion in large areas of the coastal ocean. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14041-14045.	7.1	188
16	Structuring of bacterioplankton communities by specific dissolved organic carbon compounds. Environmental Microbiology, 2012, 14, 2361-2378.	3.8	141
17	Aerosol and bacterial emissions from Baltic Seawater. Atmospheric Research, 2011, 99, 1-14.	4.1	49
18	Genomics of the Proteorhodopsin-Containing Marine Flavobacterium Dokdonia sp. Strain MED134. Applied and Environmental Microbiology, 2011, 77, 8676-8686.	3.1	56

#	Article	IF	Citations
19	Proteorhodopsin Phototrophy Promotes Survival of Marine Bacteria during Starvation. PLoS Biology, 2010, 8, e1000358.	5.6	206
20	Viral control of bacterial biodiversity â€“ evidence from a nutrientâ€enriched marine mesocosm experiment. Environmental Microbiology, 2009, 11, 2585-2597.	3.8	78
21	Genome analysis of the proteorhodopsin-containing marine bacterium Polaribacter sp. MED152 (Flavobacteria). Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8724-8729.	7.1	231
22	Light stimulates growth of proteorhodopsin-containing marine Flavobacteria. Nature, 2007, 445, 210-213.	27.8	349
23	Response of Alteromonadaceae and Rhodobacteriaceae to glucose and phosphorus manipulation in marine mesocosms. Environmental Microbiology, 2007, 9, 2417-2429.	3.8	143
24	Leeuwenhoekiella blandensis sp. nov., a genome-sequenced marine member of the family Flavobacteriaceae. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 1489-1493.	1.7	57