RaphaÃ«l Lami

List of Publications by Year
in descending order

40	984	471509 17	477307 29
papers	citations	h-index	g-index

40	40	40	1233
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Current and future chemical treatments to fight biodeterioration of outdoor building materials and associated biofilms: Moving away from ecotoxic and towards efficient, sustainable solutions. Science of the Total Environment, 2022, 802, 149846.	8.0	33
2	Straightforward N-Acyl Homoserine Lactone Discovery and Annotation by LCâ€“MS/MS-based Molecular Networking. Journal of Proteome Research, 2022, 21, 635-642.	3.7	10
3	Quorum Sensing Regulates Bacterial Processes That Play a Major Role in Marine Biogeochemical Cycles. Frontiers in Marine Science, 2022, 9, .	2.5	14
4	AsaGEI2d: a new variant of a genomic island identified in a group of Aeromonas salmonicida subsp. salmonicida isolated from France, which bears the pAsa7 plasmid. FEMS Microbiology Letters, 2021, 368, .	1.8	7
5	Methyl Potassium Siliconate and Siloxane Inhibit the Formation of Multispecies Biofilms on Ceramic Roof Tiles: Efficiency and Comparison of Two Common Water Repellents. Microorganisms, 2021, 9, 394.	3.6	5
6	Features of the Opportunistic Behaviour of the Marine Bacterium Marinobacter algicola in the Microalga Ostreococcus tauri Phycosphere. Microorganisms, 2021, 9, 1777.	3.6	6
7	Diversity and activities of pioneer bacteria, algae, and fungi colonizing ceramic roof tiles during the first year of outdoor exposure. International Biodeterioration and Biodegradation, 2021, 162, 105230.	3.9	10
8	Quorum sensing disruption regulates hydrolytic enzyme and biofilm production in estuarine bacteria. Environmental Microbiology, 2021, 23, 7183-7200.	3.8	8
9	Quorum Sensing Regulates the Hydrolytic Enzyme Production and Community Composition of Heterotrophic Bacteria in Coastal Waters. Frontiers in Microbiology, 2021, 12, 780759.	3.5	6
10	Description of Palleronia rufa sp. nov., a biofilm-forming and AHL-producing Rhodobacteraceae, reclassification of Hwanghaeicola aestuarii as Palleronia aestuarii comb. nov., Maribius pontilimi as Palleronia pontilimi comb. nov., Maribius salinus as Palleronia salina comb. nov., Maribius pelagius as Palleronia pelagia comb. nov. and emended description of the genus Palleronia. Systematic and Applied Microbiology, 2020, 43, 126018.	2.8	29
11	Annotation and quantification of N-acyl homoserine lactones implied in bacterial quorum sensing by supercritical-fluid chromatography coupled with high-resolution mass spectrometry. Analytical and Bioanalytical Chemistry, 2020, 412, 2261-2276.	3.7	21
12	The Marine Bacterium Shewanella woodyi Produces C8-HSL to Regulate Bioluminescence. Microbial Ecology, 2020, 79, 865-881.	2.8	11
13	Novel Î±-Hydroxy Î³-Butenolides of Kelp Endophytes Disrupt Bacterial Cell-to-Cell Signaling. Frontiers in Marine Science, 2020, 7, .	2.5	10
14	The Bacterial and Fungal Microbiota of Saccharina latissima (Laminariales, Phaeophyceae). Frontiers in Marine Science, 2020, 7, .	2.5	19
15	Genetic diversity and phenotypic plasticity of AHL-mediated Quorum sensing in environmental strains of Vibrio mediterranei. ISME Journal, 2019, 13, 159-169.	9.8	10
16	Bacterialâ€“Fungal Interactions in the Kelp Endomicrobiota Drive Autoinducer-2 Quorum Sensing. Frontiers in Microbiology, 2019, 10, 1693.	3.5	46
17	High bacterial diversity in pioneer biofilms colonizing ceramic roof tiles. International Biodeterioration and Biodegradation, 2019, 144, 104745.	3.9	17
18	Quorum Sensing in Marine Biofilms and Environments. , 2019, , 55-96.		16

#	Article	IF	Citations
19	Evidence of a Large Diversity of <i>N</i>-acyl-Homoserine Lactones in Symbiotic <i>Vibrio fischeri</i> Strains Associated with the Squid <i>Euprymna scolopes</i>. Microbes and Environments, 2019, 34, 99-103.	1.6	9
20	Sea anemone and clownfish microbiota diversity and variation during the initial steps of symbiosis. Scientific Reports, 2019, 9, 19491.	3.3	8
21	Characterization of N-Acyl Homoserine Lactones in Vibrio tasmaniensis LGP32 by a Biosensor-Based UHPLC-HRMS/MS Method. Sensors, 2017, 17, 906.	3.8	21
22	Quorum Sensing and Quorum Quenching in the Mediterranean Seagrass Posidonia oceanica Microbiota. Frontiers in Marine Science, 2017, 4, .	2.5	24
23	Large Diversity and Original Structures of Acyl-Homoserine Lactones in Strain MOLA 401, a Marine Rhodobacteraceae Bacterium. Frontiers in Microbiology, 2017, 8, 1152.	3.5	32
24	Evaluation of biofilm-forming ability of bacterial strains isolated from the roof of an old house. Journal of General and Applied Microbiology, 2017, 63, 186-194.	0.7	12
25	Marinobacter Dominates the Bacterial Community of the Ostreococcus tauri Phycosphere in Culture. Frontiers in Microbiology, 2016, 7, 1414.	3.5	43
26	Summer Abundance and Distribution of Proteorhodopsin Genes in the Western Arctic Ocean. Frontiers in Microbiology, 2016, 7, 1584.	3.5	10
27	Quorum Sensing and Quorum Quenching in the Phycosphere of Phytoplankton: a Case of Chemical Interactions in Ecology. Journal of Chemical Ecology, 2016, 42, 1201-1211.	1.8	70
28	Influence of PAHs among other coastal environmental variables on total and PAH-degrading bacterial communities. Environmental Science and Pollution Research, 2016, 23, 4242-4256.	5.3	26
29	Diversity of quorum sensing autoinducer synthases in the Global Ocean Sampling metagenomic database. Aquatic Microbial Ecology, 2015, 74, 107-119.	1.8	56
30	Genome Sequence of the Sponge-Associated Ruegeria halocynthiae Strain MOLA R1/13b, a Marine Roseobacter with Two Quorum-Sensing-Based Communication Systems. Genome Announcements, 2014, 2, .	0.8	4
31	Genome Sequence of Maribius sp. Strain MOLA 401, a Marine Roseobacter with a Quorum-Sensing Cell-Dependent Physiology. Genome Announcements, 2014, 2, .	0.8	2
32	Diurnal expression of SAR11 proteorhodopsin and 16S rRNA genes in coastal North Atlantic waters. Aquatic Microbial Ecology, 2014, 73, 185-194.	1.8	10
33	Arsenite modifies structure of soil microbial communities and arsenite oxidization potential. FEMS Microbiology Ecology, 2013, 84, 270-279.	2.7	25
34	Seasonal dynamics of aerobic anoxygenic phototrophs in a Mediterranean coastal lagoon. Aquatic Microbial Ecology, 2011, 62, 153-163.	1.8	16
35	Linkage Between Bacterial Carbon Processing and the Structure of the Active Bacterial Community at a Coastal Site in the NW Mediterranean Sea. Microbial Ecology, 2010, 59, 428-435.	2.8	15
36	Lightâ€dependent growth and proteorhodopsin expression by Flavobacteria and SAR11 in experiments with Delaware coastal waters. Environmental Microbiology, 2009, 11, 3201-3209.	3.8	62

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37	Annual patterns of presence and activity of marine bacteria monitored by 16S rDNAâ€“16S rRNA fingerprints in the coastal NW Mediterranean Sea. Aquatic Microbial Ecology, 2009, 54, 199-210.	1.8	38
38	Distribution of free-living and particle-attached aerobic anoxygenic phototrophic bacteria in marine environments. Aquatic Microbial Ecology, 2009, 55, 31-38.	1.8	27
39	Biochemical characteristics and bacterial community structure of the sea surface microlayer in the South Pacific Ocean. Biogeosciences, 2008, 5, 693-705.	3.3	80
40	High Abundances of Aerobic Anoxygenic Photosynthetic Bacteria in the South Pacific Ocean. Applied and Environmental Microbiology, 2007, 73, 4198-4205.	3.1	116