

# Raphaël Lami

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

984  
citations

471509

17  
h-index

477307

29  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1233  
citing authors

#	ARTICLE	IF	CITATIONS
1	High Abundances of Aerobic Anoxygenic Photosynthetic Bacteria in the South Pacific Ocean. <i>Applied and Environmental Microbiology</i> , 2007, 73, 4198-4205.	3.1	116
2	Biochemical characteristics and bacterial community structure of the sea surface microlayer in the South Pacific Ocean. <i>Biogeosciences</i> , 2008, 5, 693-705.	3.3	80
3	Quorum Sensing and Quorum Quenching in the Phycosphere of Phytoplankton: a Case of Chemical Interactions in Ecology. <i>Journal of Chemical Ecology</i> , 2016, 42, 1201-1211.	1.8	70
4	Light-dependent growth and proteorhodopsin expression by <i>Flavobacteria</i> and SAR11 in experiments with Delaware coastal waters. <i>Environmental Microbiology</i> , 2009, 11, 3201-3209.	3.8	62
5	Diversity of quorum sensing autoinducer synthases in the Global Ocean Sampling metagenomic database. <i>Aquatic Microbial Ecology</i> , 2015, 74, 107-119.	1.8	56
6	Bacterial-Fungal Interactions in the Kelp Endomicrobiota Drive Autoinducer-2 Quorum Sensing. <i>Frontiers in Microbiology</i> , 2019, 10, 1693.	3.5	46
7	<i>Marinobacter</i> Dominates the Bacterial Community of the <i>Ostreococcus tauri</i> Phycosphere in Culture. <i>Frontiers in Microbiology</i> , 2016, 7, 1414.	3.5	43
8	Annual patterns of presence and activity of marine bacteria monitored by 16S rDNA-16S rRNA fingerprints in the coastal NW Mediterranean Sea. <i>Aquatic Microbial Ecology</i> , 2009, 54, 199-210.	1.8	38
9	Current and future chemical treatments to fight biodeterioration of outdoor building materials and associated biofilms: Moving away from ecotoxic and towards efficient, sustainable solutions. <i>Science of the Total Environment</i> , 2022, 802, 149846.	8.0	33
10	Large Diversity and Original Structures of Acyl-Homoserine Lactones in Strain MOLA 401, a Marine Rhodobacteraceae Bacterium. <i>Frontiers in Microbiology</i> , 2017, 8, 1152.	3.5	32
11	Description of <i>Palleronia rufa</i> sp. nov., a biofilm-forming and AHL-producing Rhodobacteraceae, reclassification of <i>Hwanghaeicola aestuarii</i> as <i>Palleronia aestuarii</i> comb. nov., <i>Maribius pontilimi</i> as <i>Palleronia pontilimi</i> comb. nov., <i>Maribius salinus</i> as <i>Palleronia salina</i> comb. nov., <i>Maribius pelagius</i> as <i>Palleronia pelagia</i> comb. nov. and emended description of the genus <i>Palleronia</i> . <i>Systematic and Applied Microbiology</i> , 2020, 43, 126018.	2.8	29
12	Distribution of free-living and particle-attached aerobic anoxygenic phototrophic bacteria in marine environments. <i>Aquatic Microbial Ecology</i> , 2009, 55, 31-38.	1.8	27
13	Influence of PAHs among other coastal environmental variables on total and PAH-degrading bacterial communities. <i>Environmental Science and Pollution Research</i> , 2016, 23, 4242-4256.	5.3	26
14	Arsenite modifies structure of soil microbial communities and arsenite oxidization potential. <i>FEMS Microbiology Ecology</i> , 2013, 84, 270-279.	2.7	25
15	Quorum Sensing and Quorum Quenching in the Mediterranean Seagrass <i>Posidonia oceanica</i> Microbiota. <i>Frontiers in Marine Science</i> , 2017, 4, .	2.5	24
16	Characterization of N-Acyl Homoserine Lactones in <i>Vibrio tasmaniensis</i> LGP32 by a Biosensor-Based UHPLC-HRMS/MS Method. <i>Sensors</i> , 2017, 17, 906.	3.8	21
17	Annotation and quantification of N-acyl homoserine lactones implied in bacterial quorum sensing by supercritical-fluid chromatography coupled with high-resolution mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 2261-2276.	3.7	21
18	The Bacterial and Fungal Microbiota of <i>Saccharina latissima</i> (Laminariales, Phaeophyceae). <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	19

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19	High bacterial diversity in pioneer biofilms colonizing ceramic roof tiles. <i>International Biodeterioration and Biodegradation</i> , 2019, 144, 104745.	3.9	17
20	Quorum Sensing in Marine Biofilms and Environments. , 2019, , 55-96.		16
21	Seasonal dynamics of aerobic anoxygenic phototrophs in a Mediterranean coastal lagoon. <i>Aquatic Microbial Ecology</i> , 2011, 62, 153-163.	1.8	16
22	Linkage Between Bacterial Carbon Processing and the Structure of the Active Bacterial Community at a Coastal Site in the NW Mediterranean Sea. <i>Microbial Ecology</i> , 2010, 59, 428-435.	2.8	15
23	Quorum Sensing Regulates Bacterial Processes That Play a Major Role in Marine Biogeochemical Cycles. <i>Frontiers in Marine Science</i> , 2022, 9, .	2.5	14
24	Evaluation of biofilm-forming ability of bacterial strains isolated from the roof of an old house. <i>Journal of General and Applied Microbiology</i> , 2017, 63, 186-194.	0.7	12
25	The Marine Bacterium <i>Shewanella woodyi</i> Produces C8-HSL to Regulate Bioluminescence. <i>Microbial Ecology</i> , 2020, 79, 865-881.	2.8	11
26	Diurnal expression of SAR11 proteorhodopsin and 16S rRNA genes in coastal North Atlantic waters. <i>Aquatic Microbial Ecology</i> , 2014, 73, 185-194.	1.8	10
27	Summer Abundance and Distribution of Proteorhodopsin Genes in the Western Arctic Ocean. <i>Frontiers in Microbiology</i> , 2016, 7, 1584.	3.5	10
28	Genetic diversity and phenotypic plasticity of AHL-mediated Quorum sensing in environmental strains of <i>Vibrio mediterranei</i> . <i>ISME Journal</i> , 2019, 13, 159-169.	9.8	10
29	Novel 1-Hydroxy-2-Butenolides of Kelp Endophytes Disrupt Bacterial Cell-to-Cell Signaling. <i>Frontiers in Marine Science</i> , 2020, 7, .	2.5	10
30	Diversity and activities of pioneer bacteria, algae, and fungi colonizing ceramic roof tiles during the first year of outdoor exposure. <i>International Biodeterioration and Biodegradation</i> , 2021, 162, 105230.	3.9	10
31	Straightforward N-Acyl Homoserine Lactone Discovery and Annotation by LC-MS/MS-based Molecular Networking. <i>Journal of Proteome Research</i> , 2022, 21, 635-642.	3.7	10
32	Evidence of a Large Diversity of N-acyl-Homoserine Lactones in Symbiotic <i>Vibrio fischeri</i> ; Strains Associated with the Squid <i>Euprymna scolopes</i> . <i>Microbes and Environments</i> , 2019, 34, 99-103.	1.6	9
33	Sea anemone and clownfish microbiota diversity and variation during the initial steps of symbiosis. <i>Scientific Reports</i> , 2019, 9, 19491.	3.3	8
34	Quorum sensing disruption regulates hydrolytic enzyme and biofilm production in estuarine bacteria. <i>Environmental Microbiology</i> , 2021, 23, 7183-7200.	3.8	8
35	<i>AsaGEI2d</i> : a new variant of a genomic island identified in a group of <i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i> isolated from France, which bears the pAsa7 plasmid. <i>FEMS Microbiology Letters</i> , 2021, 368, .	1.8	7
36	Features of the Opportunistic Behaviour of the Marine Bacterium <i>Marinobacter algicola</i> in the Microalga <i>Ostreococcus tauri</i> Phycosphere. <i>Microorganisms</i> , 2021, 9, 1777.	3.6	6

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37	Quorum Sensing Regulates the Hydrolytic Enzyme Production and Community Composition of Heterotrophic Bacteria in Coastal Waters. <i>Frontiers in Microbiology</i> , 2021, 12, 780759.	3.5	6
38	Methyl Potassium Siliconate and Siloxane Inhibit the Formation of Multispecies Biofilms on Ceramic Roof Tiles: Efficiency and Comparison of Two Common Water Repellents. <i>Microorganisms</i> , 2021, 9, 394.	3.6	5
39	Genome Sequence of the Sponge-Associated <i>Ruegeria halocynthiae</i> Strain MOLA R1/13b, a Marine <i>Roseobacter</i> with Two Quorum-Sensing-Based Communication Systems. <i>Genome Announcements</i> , 2014, 2, .	0.8	4
40	Genome Sequence of <i>Maribius</i> sp. Strain MOLA 401, a Marine <i>Roseobacter</i> with a Quorum-Sensing Cell-Dependent Physiology. <i>Genome Announcements</i> , 2014, 2, .	0.8	2