

# Philippe Lebaron

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58

papers

2,183

citations

23

h-index

46

g-index

62

ext. papers

2,624

ext. citations

4.5

avg, IF

4.75

L-index

#	Paper	IF	Citations
58	Transfer of 7 Organic UV Filters from Sediment to the Ragworm <i>Hediste diversicolor</i> : Bioaccumulation of Benzophenone-3 and Further Proof of Octocrylene Metabolism. <i>Pollutants</i> , <b>2022</b> , 2, 23-31		1
57	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> , <b>2022</b> , 802, 149846	10.2	9
56	Impact of Egg Exposure to UV Filter-Spiked Sediment on the Survival, Hatching Success, Cardiac Frequency, and Metabolic Scope of Zebrafish Embryos. <i>Oceans</i> , <b>2022</b> , 3, 84-93	1.3	
55	Evaluation of the degradation capacity of WWTP sludge enrichment cultures towards several organic UV filters and the isolation of octocrylene-degrading microorganisms.. <i>Science of the Total Environment</i> , <b>2022</b> , 154013	10.2	1
54	Oxybenzone contamination from sunscreen pollution and its ecological threat to Hanauma Bay, Oahu, Hawaii, U.S.A. <i>Chemosphere</i> , <b>2021</b> , 291, 132880	8.4	2
53	Shedding light on the bacterial resistance to toxic UV filters: a comparative genomic study. <i>PeerJ</i> , <b>2021</b> , 9, e12278	3.1	1
52	Benzophenone Accumulates over Time from the Degradation of Octocrylene in Commercial Sunscreen Products. <i>Chemical Research in Toxicology</i> , <b>2021</b> , 34, 1046-1054	4	14
51	Optimization method for quantification of sunscreen organic ultraviolet filters in coastal sands. <i>Journal of Separation Science</i> , <b>2021</b> , 44, 3338-3347	3.4	2
50	Efficient degradation of the organic UV filter benzophenone-3 by <i>Sphingomonas wittichii</i> strain BP14P isolated from WWTP sludge. <i>Science of the Total Environment</i> , <b>2021</b> , 758, 143674	10.2	8
49	Exposure to four chemical UV filters through contaminated sediment: impact on survival, hatching success, cardiac frequency, and aerobic metabolic scope in embryo-larval stage of zebrafish. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 29412-29420	5.1	4
48	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> , <b>2021</b> , 9,	4.9	3
47	Response to the Letter to the Editor by Dr. Christian Surber. <i>Chemical Research in Toxicology</i> , <b>2021</b> , 34, 1938-1943	4	0
46	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> , <b>2021</b> , 162, 105230	4.8	2
45	Bioaccumulation and Toxicological Effects of UV-Filters on Marine Species. <i>Handbook of Environmental Chemistry</i> , <b>2020</b> , 85-130	0.8	12
44	Toxicity of UV filters on marine bacteria: Combined effects with damaging solar radiation. <i>Science of the Total Environment</i> , <b>2020</b> , 722, 137803	10.2	14
43	A unique approach to monitor stress in coral exposed to emerging pollutants. <i>Scientific Reports</i> , <b>2020</b> , 10, 9601	4.9	21
42	Effect of 10 UV Filters on the Brine Shrimp and the Marine Microalga sp. <i>Toxics</i> , <b>2020</b> , 8,	4.7	10

41	In-depth prospection of Avde Thermal Spring Water reveals an uncommon and stable microbial community. <i>Journal of the European Academy of Dermatology and Venereology</i> , <b>2020</b> , 34 Suppl 5, 8-14	4.6	4
40	Skin Microbiome and its Interplay with the Environment. <i>American Journal of Clinical Dermatology</i> , <b>2020</b> , 21, 4-11	7.1	20
39	High bacterial diversity in pioneer biofilms colonizing ceramic roof tiles. <i>International Biodeterioration and Biodegradation</i> , <b>2019</b> , 144, 104745	4.8	7
38	Occurrence and Environmental Distribution of 5 UV Filters During the Summer Season in Different Water Bodies. <i>Water, Air, and Soil Pollution</i> , <b>2019</b> , 230, 1	2.6	27
37	Deciphering the Functioning of Microbial Communities: Shedding Light on the Critical Steps in Metaproteomics. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 2395	5.7	9
36	Metabolomics Reveal That Octocrylene Accumulates in Pocillopora damicornis Tissues as Fatty Acid Conjugates and Triggers Coral Cell Mitochondrial Dysfunction. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 990-995	7.8	39
35	Characterization of N-Acyl Homoserine Lactones in <i>Vibrio tasmaniensis</i> LGP32 by a Biosensor-Based UHPLC-HRMS/MS Method. <i>Sensors</i> , <b>2017</b> , 17,	3.8	17
34	Environmental and Human Pathogenic Microorganisms <b>2015</b> , 619-658		1
33	Methods for Studying Microorganisms in the Environment <b>2015</b> , 757-829		1
32	<i>Pleionea mediterranea</i> gen. nov., sp. nov., a gammaproteobacterium isolated from coastal seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2013</b> , 63, 2700-2705	2.2	10
31	Balance between beneficial microflora and <i>Staphylococcus aureus</i> colonisation: in vivo evaluation in patients with atopic dermatitis during hydrotherapy. <i>European Journal of Dermatology</i> , <b>2013</b> , 23, 786-94	6.8	14
30	Shotgun redox proteomics: identification and quantitation of carbonylated proteins in the UVB-resistant marine bacterium, <i>Photobacterium angustum</i> S14. <i>PLoS ONE</i> , <b>2013</b> , 8, e68112	3.7	13
29	Total and viable <i>Legionella pneumophila</i> cells in hot and natural waters as measured by immunofluorescence-based assays and solid-phase cytometry. <i>Applied and Environmental Microbiology</i> , <b>2011</b> , 77, 6225-32	4.8	13
28	Rapid detection of <i>Escherichia coli</i> in waters using fluorescent in situ hybridization, direct viable counting and solid phase cytometry. <i>Journal of Applied Microbiology</i> , <b>2010</b> , 109, 1253-64	4.7	18
27	Rapid enumeration of <i>Escherichia coli</i> in marine bathing waters: potential interference of nontarget bacteria. <i>Journal of Applied Microbiology</i> , <b>2009</b> , 107, 2054-62	4.7	15
26	<i>Melitea salexigens</i> gen. nov., sp. nov., a gammaproteobacterium from the Mediterranean Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2008</b> , 58, 2479-83	2.2	16
25	<i>Haliae salexigens</i> gen. nov., sp. nov., a member of the Gammaproteobacteria from the Mediterranean Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2008</b> , 58, 1233-7	2.2	41
24	Biochemical characteristics and bacterial community structure of the sea surface microlayer in the South Pacific Ocean. <i>Biogeosciences</i> , <b>2008</b> , 5, 693-705	4.6	52

23	Diel and seasonal variations in abundance, activity, and community structure of particle-attached and free-living bacteria in NW Mediterranean Sea. <i>Microbial Ecology</i> , <b>2007</b> , 54, 217-31	4.4	117
22	<i>Balneola vulgaris</i> gen. nov., sp. nov., a member of the phylum Bacteroidetes from the north-western Mediterranean Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2006</b> , 56, 1883-1887	2.2	39
21	Succession of cellular states in a <i>Salmonella typhimurium</i> population during starvation in artificial seawater microcosms. <i>FEMS Microbiology Ecology</i> , <b>2006</b> , 22, 65-76	4.3	71
20	Enhanced heterotrophic activity in the surface microlayer of the Mediterranean Sea. <i>Aquatic Microbial Ecology</i> , <b>2005</b> , 39, 293-302	1.1	57
19	A survey on bacteria inhabiting the sea surface microlayer of coastal ecosystems. <i>FEMS Microbiology Ecology</i> , <b>2005</b> , 54, 269-80	4.3	105
18	An operational method for the real-time monitoring of <i>E. coli</i> numbers in bathing waters. <i>Marine Pollution Bulletin</i> , <b>2005</b> , 50, 652-9	6.7	41
17	Resistance of marine bacterioneuston to solar radiation. <i>Applied and Environmental Microbiology</i> , <b>2005</b> , 71, 5282-9	4.8	112
16	Rapid detection and enumeration of <i>Legionella pneumophila</i> in hot water systems by solid-phase cytometry. <i>Applied and Environmental Microbiology</i> , <b>2004</b> , 70, 1651-7	4.8	39
15	Comparison of samplers for the biological characterization of the sea surface microlayer. <i>Limnology and Oceanography: Methods</i> , <b>2004</b> , 2, 213-225	2.6	76
14	A sensitive and rapid method to determine the viability of freeze-dried bacterial cells. <i>Letters in Applied Microbiology</i> , <b>2003</b> , 36, 412-7	2.9	14
13	Rapid detection and enumeration of <i>Naegleria fowleri</i> in surface waters by solid-phase cytometry. <i>Applied and Environmental Microbiology</i> , <b>2002</b> , 68, 3102-7	4.8	25
12	Are the actively respiring cells (CTC+) those responsible for bacterial production in aquatic environments?. <i>FEMS Microbiology Ecology</i> , <b>2001</b> , 35, 171-179	4.3	39
11	Does the high nucleic acid content of individual bacterial cells allow us to discriminate between active cells and inactive cells in aquatic systems?. <i>Applied and Environmental Microbiology</i> , <b>2001</b> , 67, 1775-82	4.8	280
10	Evaluation of ChemChrome V6 for bacterial viability assessment in waters. <i>Journal of Applied Microbiology</i> , <b>2000</b> , 89, 370-80	4.7	44
9	Use of fluorescent probes to assess physiological functions of bacteria at single-cell level. <i>Microbes and Infection</i> , <b>2000</b> , 2, 1523-35	9.3	291
8	Relationships among Bacterial Cell Size, Productivity, and Genetic Diversity in Aquatic Environments using Cell Sorting and Flow Cytometry. <i>Microbial Ecology</i> , <b>2000</b> , 40, 148-158	4.4	49
7	Marine bacterial isolates display diverse responses to UV-B radiation. <i>Applied and Environmental Microbiology</i> , <b>1999</b> , 65, 3820-7	4.8	129
6	Effectiveness of CSE to counterstain particles and dead bacterial cells with permeabilised membranes: application to viability assessment in waters. <i>FEMS Microbiology Letters</i> , <b>1999</b> , 178, 219-26	2.9	30

5	Effectiveness of SYTOX Green stain for bacterial viability assessment. <i>Applied and Environmental Microbiology</i> , <b>1998</b> , 64, 2697-700	4.8	110
4	Changes in Cellular States of the Marine Bacterium <i>Deleya aquamarina</i> under Starvation Conditions. <i>Applied and Environmental Microbiology</i> , <b>1997</b> , 63, 2686-94	4.8	8
3	Ecological implications of an improved direct viable count method for aquatic bacteria. <i>Applied and Environmental Microbiology</i> , <b>1997</b> , 63, 3643-7	4.8	70
2	Biochemical characteristics and bacterial community structure of the sea surface microlayer in the South Pacific Ocean		6
1	Are the actively respiring cells (CTC+) those responsible for bacterial production in aquatic environments?		5