

Philippe Lebaron

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

3,008
citations

186265

28
h-index

168389

53
g-index

63
all docs

63
docs citations

63
times ranked

3085
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. <i>Science of the Total Environment</i> , 2022, 802, 149846.	8.0	33
2	Oxybenzone contamination from sunscreen pollution and its ecological threat to Hanauma Bay, Oahu, Hawaii, U.S.A.. <i>Chemosphere</i> , 2022, 291, 132880.	8.2	25
3	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> , 2022, 2, 23-31.	2.1	7
4	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> , 2022, 3, 84-93.	1.3	1
5	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> , 2022, 826, 154013.	8.0	3
6	<sc>UV</sc> filters and their impact on marine life: state of the science, data gaps, and next steps. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2022, 36, 22-28.	2.4	7
7	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> , 2021, 758, 143674.	8.0	24
8	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> , 2021, 28, 29412-29420.	5.3	9
9	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
10	Benzophenone Accumulates over Time from the Degradation of Octocrylene in Commercial Sunscreen Products. <i>Chemical Research in Toxicology</i> , 2021, 34, 1046-1054.	3.3	52
11	Optimization method for quantification of sunscreen organic ultraviolet filters in coastal sands. <i>Journal of Separation Science</i> , 2021, 44, 3338-3347.	2.5	4
12	Response to the Letter to the Editor by Dr. Christian Surber. <i>Chemical Research in Toxicology</i> , 2021, 34, 1938-1943.	3.3	2
13	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
14	Shedding light on the bacterial resistance to toxic UV filters: a comparative genomic study. <i>PeerJ</i> , 2021, 9, e12278.	2.0	2
15	Diel Protein Regulation of Marine Picoplanktonic Communities Assessed by Metaproteomics. <i>Microorganisms</i> , 2021, 9, 2621.	3.6	2
16	In-depth prospection of Avène Thermal Spring Water reveals an uncommon and stable microbial community. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2020, 34, 8-14.	2.4	8
17	Skin Microbiome and its Interplay with the Environment. <i>American Journal of Clinical Dermatology</i> , 2020, 21, 4-11.	6.7	54
18	Bioaccumulation and Toxicological Effects of UV-Filters on Marine Species. <i>Handbook of Environmental Chemistry</i> , 2020, , 85-130.	0.4	18

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19	Toxicity of UV filters on marine bacteria: Combined effects with damaging solar radiation. <i>Science of the Total Environment</i> , 2020, 722, 137803.	8.0	32
20	A unique approach to monitor stress in coral exposed to emerging pollutants. <i>Scientific Reports</i> , 2020, 10, 9601.	3.3	45
21	Effect of 10 UV Filters on the Brine Shrimp <i>Artemia salina</i> and the Marine Microalga <i>Tetraselmis</i> sp.. <i>Toxics</i> , 2020, 8, 29.	3.7	30
22	High bacterial diversity in pioneer biofilms colonizing ceramic roof tiles. <i>International Biodeterioration and Biodegradation</i> , 2019, 144, 104745.	3.9	17
23	Occurrence and Environmental Distribution of 5 UV Filters During the Summer Season in Different Water Bodies. <i>Water, Air, and Soil Pollution</i> , 2019, 230, 1.	2.4	41
24	Deciphering the Functioning of Microbial Communities: Shedding Light on the Critical Steps in Metaproteomics. <i>Frontiers in Microbiology</i> , 2019, 10, 2395.	3.5	16
25	Metabolomics Reveal That Octocrylene Accumulates in <i>Pocillopora damicornis</i> Tissues as Fatty Acid Conjugates and Triggers Coral Cell Mitochondrial Dysfunction. <i>Analytical Chemistry</i> , 2019, 91, 990-995.	6.5	62
26	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
27	Methods for Studying Microorganisms in the Environment. , 2015, , 757-829.		2
28	Environmental and Human Pathogenic Microorganisms. , 2015, , 619-658.		1
29	<i>Pleionea mediterranea</i> gen. nov., sp. nov., a gammaproteobacterium isolated from coastal seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2700-2705.	1.7	28
30	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> , 2013, 23, 786-794.	0.6	19
31	Shotgun Redox Proteomics: Identification and Quantitation of Carbonylated Proteins in the UVB-Resistant Marine Bacterium, <i>Photobacterium angustum</i> S14. <i>PLoS ONE</i> , 2013, 8, e68112.	2.5	27
32	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> , 2011, 77, 6225-6232.	3.1	16
33	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> , 2010, 109, 1253-1264.	3.1	22
34	Rapid enumeration of <i>Escherichia coli</i> in marine bathing waters: potential interference of nontarget bacteria. <i>Journal of Applied Microbiology</i> , 2009, 107, 2054-2062.	3.1	18
35	<i>Melitea salexigens</i> gen. nov., sp. nov., a gammaproteobacterium from the Mediterranean Sea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 2479-2483.	1.7	25
36	<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> , 2008, 58, 1233-1237.	1.7	56

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37	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
38	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> , 2007, 54, 217-231.	2.8	157
39	Succession of cellular states in a <i>Salmonella typhimurium</i> population during starvation in artificial seawater microcosms. <i>FEMS Microbiology Ecology</i> , 2006, 22, 65-76.	2.7	90
40	<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> , 2006, 56, 1883-1887.	1.7	59
41	Enhanced heterotrophic activity in the surface microlayer of the Mediterranean Sea. <i>Aquatic Microbial Ecology</i> , 2005, 39, 293-302.	1.8	71
42	A survey on bacteria inhabiting the sea surface microlayer of coastal ecosystems. <i>FEMS Microbiology Ecology</i> , 2005, 54, 269-280.	2.7	133
43	An operational method for the real-time monitoring of <i>E. coli</i> numbers in bathing waters. <i>Marine Pollution Bulletin</i> , 2005, 50, 652-659.	5.0	43
44	Resistance of Marine Bacterioneuston to Solar Radiation. <i>Applied and Environmental Microbiology</i> , 2005, 71, 5282-5289.	3.1	137
45	Rapid Detection and Enumeration of <i>Legionella pneumophila</i> in Hot Water Systems by Solid-Phase Cytometry. <i>Applied and Environmental Microbiology</i> , 2004, 70, 1651-1657.	3.1	43
46	Comparison of samplers for the biological characterization of the sea surface microlayer. <i>Limnology and Oceanography: Methods</i> , 2004, 2, 213-225.	2.0	101
47	A sensitive and rapid method to determine the viability of freeze-dried bacterial cells. <i>Letters in Applied Microbiology</i> , 2003, 36, 412-417.	2.2	15
48	Occurrence of <i>Salmonella</i> spp. and <i>Cryptosporidium</i> spp. in a French coastal watershed: relationship with fecal indicators. <i>FEMS Microbiology Letters</i> , 2003, 218, 203-209.	1.8	7
49	Rapid Detection and Enumeration of <i>Naegleria fowleri</i> in Surface Waters by Solid-Phase Cytometry. <i>Applied and Environmental Microbiology</i> , 2002, 68, 3102-3107.	3.1	31
50	Are the actively respiring cells (CTC+) those responsible for bacterial production in aquatic environments?. <i>FEMS Microbiology Ecology</i> , 2001, 35, 171-179.	2.7	57
51	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> , 2001, 67, 1775-1782.	3.1	351
52	Are the actively respiring cells (CTC+) those responsible for bacterial production in aquatic environments?. <i>FEMS Microbiology Ecology</i> , 2001, 35, 171-179.	2.7	5
53	Evaluation of ChemChrome V6 for bacterial viability assessment in waters. <i>Journal of Applied Microbiology</i> , 2000, 89, 370-380.	3.1	46
54	Use of fluorescent probes to assess physiological functions of bacteria at single-cell level. <i>Microbes and Infection</i> , 2000, 2, 1523-1535.	1.9	330

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55	Relationships among Bacterial Cell Size, Productivity, and Genetic Diversity in Aquatic Environments using Cell Sorting and Flow Cytometry. <i>Microbial Ecology</i> , 2000, 40, 148-158.	2.8	58
56	Marine Bacterial Isolates Display Diverse Responses to UV-B Radiation. <i>Applied and Environmental Microbiology</i> , 1999, 65, 3820-3827.	3.1	159
57	Effectiveness of CSE to counterstain particles and dead bacterial cells with permeabilised membranes: application to viability assessment in waters. <i>FEMS Microbiology Letters</i> , 1999, 178, 219-226.	1.8	33
58	Effectiveness of SYTOX Green Stain for Bacterial Viability Assessment. <i>Applied and Environmental Microbiology</i> , 1998, 64, 2697-2700.	3.1	152
59	Changes in Cellular States of the Marine Bacterium <i>Deleya aquamarina</i> under Starvation Conditions. <i>Applied and Environmental Microbiology</i> , 1997, 63, 2686-2694.	3.1	10
60	Ecological implications of an improved direct viable count method for aquatic bacteria. <i>Applied and Environmental Microbiology</i> , 1997, 63, 3643-3647.	3.1	84