

Mickael Le Behec

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

427
citations

687363

13
h-index

752698

20
g-index

24
all docs

24
docs citations

24
times ranked

679
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of proteins secreted during maize microspore culture: arabinogalactan proteins (AGPs) stimulate embryo development. <i>European Journal of Cell Biology</i> , 2004, 83, 205-212.	3.6	65
2	Visible-light photosensitized oxidation of α -terpinene using novel silica-supported sensitizers: Photooxygenation vs. photodehydrogenation. <i>Journal of Catalysis</i> , 2013, 303, 164-174.	6.2	44
3	Oxidative modification and electrochemical inactivation of <i>Escherichia coli</i> upon cold atmospheric pressure plasma exposure. <i>PLoS ONE</i> , 2017, 12, e0173618.	2.5	43
4	Digital screening methodology for the directed evolution of transglycosidases. <i>Protein Engineering, Design and Selection</i> , 2008, 22, 37-44.	2.1	35
5	Direct analysis of aldehydes and carboxylic acids in the gas phase by negative ionization selected ion flow tube mass spectrometry: Quantification and modelling of ion-molecule reactions. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1623-1634.	1.5	21
6	Efficient Photooxygenation Process of Biosourced α -Terpinene by Combining Controlled LED-Driven Flow Photochemistry and Rose Bengal-Anchored Polymer Colloids. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 18568-18576.	6.7	20
7	Oxidative damage and impairment of protein quality control systems in keratinocytes exposed to a volatile organic compounds cocktail. <i>Scientific Reports</i> , 2017, 7, 10707.	3.3	19
8	Bactericidal activity under UV and visible light of cotton fabrics coated with anthraquinone-sensitized TiO ₂ . <i>Catalysis Today</i> , 2013, 209, 134-139.	4.4	18
9	Varying TiO ₂ Macroscopic Fiber Morphologies toward Tuning Their Photocatalytic Properties. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 11211-11218.	8.0	18
10	Gas-Phase Photooxidation: Reactors and Materials. <i>Chemical Engineering and Technology</i> , 2016, 39, 26-38.	1.5	17
11	Screening and discovery of nitro-benzoxadiazole compounds activating epidermal growth factor receptor (EGFR) in cancer cells. <i>Scientific Reports</i> , 2015, 4, 3977.	3.3	15
12	Synthesis of Film-Forming Photoactive Latex Particles by Emulsion Polymerization-Induced Self-Assembly to Produce Singlet Oxygen. <i>Macromolecular Rapid Communications</i> , 2019, 40, e1800329.	3.9	15
13	Volatile fingerprint of food products with untargeted SIFT-MS data coupled with mixOmics methods for profile discrimination: Application case on cheese. <i>Food Chemistry</i> , 2022, 369, 130801.	8.2	15
14	Chemical Quenching of Singlet Oxygen and Other Reactive Oxygen Species in Water: A Reliable Method for the Determination of Quantum Yields in Photochemical Processes?. <i>ChemPhotoChem</i> , 2018, 2, 622-631.	3.0	14
15	Photocatalytic TiO ₂ Macroscopic Fibers Obtained Through Integrative Chemistry. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5350-5359.	2.0	13
16	High frequency air monitoring by selected ion flow tube-mass spectrometry (SIFT-MS): Influence of the matrix for simultaneous analysis of VOCs, CO ₂ , ozone and water. <i>Microchemical Journal</i> , 2020, 153, 104435.	4.5	13
17	Tuning photosensitized singlet oxygen production from microgels synthesized by polymerization in aqueous dispersed media. <i>Polymer Chemistry</i> , 2019, 10, 3170-3179.	3.9	12
18	Photocatalytic films for soil fumigation: Control of dimethyl disulfide concentration after fumigation. <i>Applied Catalysis B: Environmental</i> , 2015, 178, 192-200.	20.2	10

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19	Photoactive rose bengal-based latex <i>via</i> RAFT emulsion polymerization-induced self-assembly. <i>Polymer Chemistry</i> , 2021, 12, 134-147.	3.9	9
20	TiO ₂ Macroscopic Fibers with Enhanced Photocatalytic Properties Obtained through a Scale-Up Semi-Industrial Process. <i>Advanced Engineering Materials</i> , 2015, 17, 36-44.	3.5	4
21	Study of the Chemical Ionization of Organophosphate Esters in Air Using Selected Ion Flow Tube Mass Spectrometry for Direct Analysis. <i>Journal of the American Society for Mass Spectrometry</i> , 2022, 33, 865-874.	2.8	4
22	Chemical ionization of carboxylic acids and esters in negative mode selected ion flow tube Mass spectrometry (SIFT-MS). <i>Microchemical Journal</i> , 2021, 169, 106609.	4.5	3
23	Photocatalytic TiO ₂ Macroscopic Fiber Obtained through Integrative Chemistry. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1492, 149-154.	0.1	0
24	TiO ₂ Macroscopic Fibers Bearing Outstanding Photocatalytic Properties Obtained through an Integrative Chemistry-Based Scale-Up Semi-Industrial Process. <i>Materials Research Society Symposia Proceedings</i> , 2015, 1804, 7-12.	0.1	0