# Mickael Le Bechec

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Volatile fingerprint of food products with untargeted SIFT-MS data coupled with mixOmics methods for profile discrimination: Application case on cheese. Food Chemistry, 2022, 369, 130801. | 8.2 | 15 |
| 2 | Study of the Chemical Ionization of Organophosphate Esters in Air Using Selected Ion Flow Tubeâ€“Mass Spectrometry for Direct Analysis. Journal of the American Society for Mass Spectrometry, 2022, 33, 865-874. | 2.8 | 4 |
| 3 | Photoactive rose bengal-based latex via RAFT emulsion polymerization-induced self-assembly. Polymer Chemistry, 2021, 12, 134-147. | 3.9 | 9 |
| 4 | Chemical ionization of carboxylic acids and esters in negative mode selected ion flow tube â€“ Mass spectrometry (SIFT-MS). Microchemical Journal, 2021, 169, 106609. | 4.5 | 3 |
| 5 | High frequency air monitoring by selected ion flow tube-mass spectrometry (SIFT-MS): Influence of the matrix for simultaneous analysis of VOCs, CO2, ozone and water. Microchemical Journal, 2020, 153, 104435. | 4.5 | 13 |
| 6 | Efficient Photooxygenation Process of Biosourced Î±-Terpinene by Combining Controlled LED-Driven Flow Photochemistry and Rose Bengal-Anchored Polymer Colloids. ACS Sustainable Chemistry and Engineering, 2020, 8, 18568-18576. | 6.7 | 20 |
| 7 | Synthesis of Filmâ€Forming Photoactive Latex Particles by Emulsion Polymerizationâ€“Induced Selfâ€Assembly to Produce Singlet Oxygen. Macromolecular Rapid Communications, 2019, 40, e1800329. | 3.9 | 15 |
| 8 | Direct analysis of aldehydes and carboxylic acids in the gas phase by negative ionization selected ion flow tube mass spectrometry: Quantification and modelling of ionâ€“molecule reactions. Rapid Communications in Mass Spectrometry, 2019, 33, 1623-1634. | 1.5 | 21 |
| 9 | Tuning photosensitized singlet oxygen production from microgels synthesized by polymerization in aqueous dispersed media. Polymer Chemistry, 2019, 10, 3170-3179. | 3.9 | 12 |
| 10 | Chemical Quenching of Singlet Oxygen and Other Reactive Oxygen Species in Water: A Reliable Method for the Determination of Quantum Yields in Photochemical Processes?. ChemPhotoChem, 2018, 2, 622-631. | 3.0 | 14 |
| 11 | Oxidative damage and impairment of protein quality control systems in keratinocytes exposed to a volatile organic compounds cocktail. Scientific Reports, 2017, 7, 10707. | 3.3 | 19 |
| 12 | Oxidative modification and electrochemical inactivation of Escherichia coli upon cold atmospheric pressure plasma exposure. PLoS ONE, 2017, 12, e0173618. | 2.5 | 43 |
| 13 | Gasâ€Phase Photooxidation: Reactors andÂMaterials. Chemical Engineering and Technology, 2016, 39, 26-38. | 1.5 | 17 |
| 14 | TiO2 Macroscopic Fibers Bearing Outstanding Photocatalytic Properties Obtained through an Integrative Chemistry-Based Scale-Up Semi-Industrial Process. Materials Research Society Symposia Proceedings, 2015, 1804, 7-12. | 0.1 | 0 |
| 15 | Screening and discovery of nitro-benzoxadiazole compounds activating epidermal growth factor receptor (EGFR) in cancer cells. Scientific Reports, 2015, 4, 3977. | 3.3 | 15 |
| 16 | TiO<sub>2</sub> Macroscopic Fibers with Enhanced Photocatalytic Properties Obtained through a Scaleâ€Up Semiâ€Industrial Process. Advanced Engineering Materials, 2015, 17, 36-44. | 3.5 | 4 |
| 17 | Photocatalytic films for soil fumigation: Control of dimethyl disulfide concentration after fumigation. Applied Catalysis B: Environmental, 2015, 178, 192-200. | 20.2 | 10 |
| 18 | Varying TiO<sub>2</sub> Macroscopic Fiber Morphologies toward Tuning Their Photocatalytic Properties. ACS Applied Materials & Interfaces, 2014, 6, 11211-11218. | 8.0 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Bactericidal activity under UV and visible light of cotton fabrics coated with anthraquinone-sensitized TiO2. Catalysis Today, 2013, 209, 134-139. | 4.4 | 18 |
| 20 | Visible-light photosensitized oxidation of Î±-terpinene using novel silica-supported sensitizers: Photooxygenation vs. photodehydrogenation. Journal of Catalysis, 2013, 303, 164-174. | 6.2 | 44 |
| 21 | Photocatalytic TiO2 Macroscopic Fiber Obtained through Integrative Chemistry. Materials Research Society Symposia Proceedings, 2013, 1492, 149-154. | 0.1 | 0 |
| 22 | Photocatalytic TiO<sub>2</sub> Macroscopic Fibers Obtained Through Integrative Chemistry. European Journal of Inorganic Chemistry, 2012, 2012, 5350-5359. | 2.0 | 13 |
| 23 | Digital screening methodology for the directed evolution of transglycosidases. Protein Engineering, Design and Selection, 2008, 22, 37-44. | 2.1 | 35 |
| 24 | Characterization of proteins secreted during maize microspore culture: arabinogalactan proteins (AGPs) stimulate embryo development. European Journal of Cell Biology, 2004, 83, 205-212. | 3.6 | 65 |