

# StÃ©phane Baup

## List of Publications by Year in descending order

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13  
papers

459  
citations

1040056

9  
h-index

1199594

12  
g-index

13  
all docs

13  
docs citations

13  
times ranked

574  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced sonochemical degradation of bisphenol-A by bicarbonate ions. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 111-115.	8.2	117
2	Sonolytic degradation of endocrine disrupting chemical 4-cumylphenol in water. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 943-950.	8.2	88
3	Modeling of ultrasonic degradation of non-volatile organic compounds by Langmuir-type kinetics. <i>Ultrasonics Sonochemistry</i> , 2010, 17, 773-782.	8.2	81
4	Coupling between high-frequency ultrasound and solar photo-Fenton at pilot scale for the treatment of organic contaminants: An initial approach. <i>Ultrasonics Sonochemistry</i> , 2015, 22, 527-534.	8.2	32
5	Optimization and modeling of phenanthrene degradation by <i>Mycobacterium</i> sp. 6PY1 in a biphasic medium using response-surface methodology. <i>Applied Microbiology and Biotechnology</i> , 2008, 78, 881-888.	3.6	27
6	Competitive adsorption of phenol and heavy metal ions onto titanium dioxide (Dugussa P25). <i>Desalination and Water Treatment</i> , 2012, 37, 364-372.	1.0	25
7	Improving the adsorption kinetics of ibuprofen on an activated carbon fabric through ultrasound irradiation: Simulation and experimental studies. <i>Chemical Engineering Journal</i> , 2018, 343, 163-172.	12.7	25
8	Effects of ultrasound on colloidal organization at nanometer length scale during cross-flow ultrafiltration probed by in-situ SAXS. <i>Journal of Membrane Science</i> , 2014, 453, 624-635.	8.2	23
9	Adaptation of a <i>Mycobacterium</i> strain to phenanthrene degradation in a biphasic culture system: influence on interfacial area and droplet size. <i>Biotechnology Letters</i> , 2009, 31, 57-63.	2.2	10
10	Effect of Mineral and Organic Matrices on Sonochemical Degradation of 4-Isopropylphenol at Low Concentrations. <i>Separation Science and Technology</i> , 2010, 45, 1587-1594.	2.5	9
11	Surface characterization of 1-butyl-1-ethylpiperidinium bromide by inverse gas chromatography. <i>Journal of Molecular Liquids</i> , 2019, 287, 110945.	4.9	9
12	Synergy between solar photocatalysis and high frequency sonolysis toward the degradation of organic pollutants in aqueous phase - case of phenol. , 0, 62, 457-464.		8
13	Enhancement of mass transfer characteristics and phenanthrene degradation in a two-phase partitioning bioreactor equipped with internal static mixers. <i>Biotechnology and Bioprocess Engineering</i> , 2011, 16, 413-418.	2.6	5