

Patrick Braeutigam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3963315/publications.pdf>

Version: 2024-02-01

21
papers

549
citations

840776

11
h-index

888059

17
g-index

21
all docs

21
docs citations

21
times ranked

600
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation of carbamazepine in environmentally relevant concentrations in water by Hydrodynamic-Acoustic-Cavitation (HAC). <i>Water Research</i> , 2012, 46, 2469-2477.	11.3	114
2	Degradation of endocrine disruptor bisphenol A by ultrasound-assisted electrochemical oxidation in water. <i>Ultrasonics Sonochemistry</i> , 2017, 39, 741-749.	8.2	70
3	Sonoelectrochemical degradation of triclosan in water. <i>Ultrasonics Sonochemistry</i> , 2014, 21, 2020-2025.	8.2	56
4	Sonoelectrochemical degradation of the anti-inflammatory drug diclofenac in water. <i>Chemical Engineering Journal</i> , 2015, 273, 214-222.	12.7	51
5	Sonoelectrochemical degradation of phenol in aqueous solutions. <i>Ultrasonics Sonochemistry</i> , 2013, 20, 715-721.	8.2	50
6	Enhancement of chloroform degradation by the combination of hydrodynamic and acoustic cavitation. <i>Ultrasonics Sonochemistry</i> , 2011, 18, 888-894.	8.2	47
7	Mechanochemical versus chemical routes for graphitic precursors and their performance in micropollutants removal in water. <i>Powder Technology</i> , 2020, 366, 629-640.	4.2	38
8	A sol-gel method for applying nanosized antibacterial particles to the surface of textile materials in an ultrasonic field. <i>Ultrasonics Sonochemistry</i> , 2020, 60, 104788.	8.2	29
9	A novel model for pyro-electro-catalytic hydrogen production in pure water. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 23009-23016.	2.8	17
10	The sorption behaviour of amine micropollutants on polyethylene microplastics – impact of aging and interactions with green seaweed. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1678-1687.	3.5	14
11	Hydrodynamic cavitation for micropollutant degradation in water – Correlation of bisphenol A degradation with fluid mechanical properties. <i>Ultrasonics Sonochemistry</i> , 2022, 83, 105950.	8.2	14
12	Pyrocatalytic oxidation – strong size-dependent poling effect on catalytic activity of pyroelectric BaTiO ₃ nano- and microparticles. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 23464-23473.	2.8	11
13	Sonochemical coating: Effect of energy input and distance on the functionalization of textiles with TiO ₂ and ZnO-Nanoparticles. <i>Ultrasonics Sonochemistry</i> , 2020, 60, 104801.	8.2	10
14	Influence of chemical structure of organic micropollutants on the degradability with ozonation. <i>Water Research</i> , 2022, 222, 118866.	11.3	9
15	Prediction of degradability of micropollutants by sonolysis in water with QSPR - a case study on phenol derivates. <i>Ultrasonics Sonochemistry</i> , 2022, 82, 105867.	8.2	8
16	Pyrocatalysis – The DCF assay as a pH-robust tool to determine the oxidation capability of thermally excited pyroelectric powders. <i>PLoS ONE</i> , 2020, 15, e0228644.	2.5	7
17	Bisphenol A: Quantification in Complex Matrices and Removal by Anaerobic Sludges. <i>Pollutants</i> , 2021, 1, 194-206.	2.1	4
18	Title is missing!, 2020, 15, e0228644.		0

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2020, 15, e0228644.		0
20	Title is missing!. , 2020, 15, e0228644.		0
21	Title is missing!.. , 2020, 15, e0228644.		0