

Mandar P Badve

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1849715/publications.pdf>

Version: 2024-02-01

12
papers

780
citations

1163117

8
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

551
citing authors

#	ARTICLE	IF	CITATIONS
1	Degradation of Reactive Red 120 dye using hydrodynamic cavitation. Chemical Engineering Journal, 2011, 178, 100-107.	12.7	225
2	Hydrodynamic cavitation as a novel approach for wastewater treatment in wood finishing industry. Separation and Purification Technology, 2013, 106, 15-21.	7.9	117
3	Hydrodynamic cavitation: an emerging technology for the intensification of various chemical and physical processes in a chemical process industry. Reviews in Chemical Engineering, 2017, 33, .	4.4	115
4	Hydrodynamic cavitation as a novel approach for delignification of wheat straw for paper manufacturing. Ultrasonics Sonochemistry, 2014, 21, 162-168.	8.2	96
5	Treatment of the pesticide industry effluent using hydrodynamic cavitation and its combination with process intensifying additives (H ₂ O ₂ and ozone). Chemical Engineering Journal, 2016, 295, 326-335.	12.7	76
6	Modeling the shear rate and pressure drop in a hydrodynamic cavitation reactor with experimental validation based on KI decomposition studies. Ultrasonics Sonochemistry, 2015, 22, 272-277.	8.2	74
7	Microbial disinfection of seawater using hydrodynamic cavitation. Separation and Purification Technology, 2015, 151, 31-38.	7.9	47
8	Local description of foam flow, deformation and pressure drop in narrow constricted channels. International Journal of Multiphase Flow, 2020, 128, 103279.	3.4	12
9	Rheological properties of wet foams generated from viscous pseudoplastic fluids. Innovative Food Science and Emerging Technologies, 2020, 64, 102304.	5.6	6
10	A novel process for synthesis of soybean protein hydrolysates and study of its effectiveness as a biostimulant and emulsifier. Chemical Engineering and Processing: Process Intensification, 2022, 174, 108880.	3.6	6
11	Cavitation assisted novel method for synthesis of starch nanoparticles. Chemical Engineering and Processing: Process Intensification, 2022, 175, 108935.	3.6	4
12	ANN modelling of Hydrodynamic Cavitation for the degradation of Rhodamine B dye. Journal of Water Process Engineering, 2022, 47, 102759.	5.6	2