

Andrzej W Pacek

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

385
citations

933447

10
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

545
citing authors

#	ARTICLE	IF	CITATIONS
1	Flow pattern, periodicity and energy dissipation in a batch rotor–stator mixer. <i>Chemical Engineering Research and Design</i> , 2008, 86, 1397-1409.	5.6	86
2	Catalytic Conversion of Sodium Lignosulfonate to Vanillin: Engineering Aspects. Part 1. Effects of Processing Conditions on Vanillin Yield and Selectivity. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 8361-8372.	3.7	57
3	Study of drop and bubble sizes in a simulated mycelial fermentation broth of up to four phases. , 2000, 69, 213-221.		48
4	Dispersion of oil droplets in rotor–stator mixers: Experimental investigations and modeling. <i>Chemical Engineering and Processing: Process Intensification</i> , 2014, 84, 45-53.	3.6	40
5	Process parameters for the high-scale production of alginate-encapsulated stem cells for storage and distribution throughout the cell therapy supply chain. <i>Process Biochemistry</i> , 2017, 59, 289-296.	3.7	33
6	Fabrication by three-phase emulsification of pellicular adsorbents customised for liquid fluidised bed adsorption of bioproducts. <i>Journal of Chemical Technology and Biotechnology</i> , 2003, 78, 1111-1120.	3.2	26
7	The effect of sodium caseinate concentration and processing conditions on bubble sizes and their break-up and coalescence in turbulent, batch air/aqueous dispersions at atmospheric and elevated pressures. <i>Colloids and Surfaces B: Biointerfaces</i> , 2003, 31, 3-11.	5.0	21
8	Bubble sizes in agitated solvent/reactant mixtures used in heterogeneous catalytic hydrogenation of 2-butyne-1,4-diol. <i>Chemical Engineering Science</i> , 2006, 61, 6765-6774.	3.8	17
9	Fabrication and characterisation of a novel pellicular adsorbent customised for the effective fluidised bed adsorption of protein products. <i>Biotechnology and Bioprocess Engineering</i> , 2001, 6, 419-425.	2.6	12
10	Generation of Hydrogen Gas during the Catalytic Oxidation of Sodium Lignosulfonate to Vanillin: Initial Results. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 184-188.	3.7	12
11	Engineering considerations on the use of liquid/liquid two-phase systems as a cell culture platform. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 1690-1698.	3.2	12
12	Bubble Sizes in Agitated Water~Hydrophilic Organic Solvents for Heterogeneous Catalytic Reactions. <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 4451-4458.	3.7	11
13	Heat transfer coefficient of nanofluids in minichannel heat sink. , 2012, , .		1