

Janusz J Malinowski

List of Publications by Year in descending order

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29
papers

825
citations

471509

17
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

700
citing authors

#	ARTICLE	IF	CITATIONS
1	Two-phase partitioning bioreactors in fermentation technology. <i>Biotechnology Advances</i> , 2001, 19, 525-538.	11.7	115
2	Evaluation of liquid extraction potentials for downstream separation of 1,3-propanediol. <i>Biotechnology Letters</i> , 1999, 13, 127-130.	0.5	78
3	Salt effects in extraction of ethanol, 1-butanol and acetone from aqueous solutions. <i>AIChE Journal</i> , 1994, 40, 1459-1465.	3.6	77
4	Reactive Extraction for Downstream Separation of 1,3-Propanediol. <i>Biotechnology Progress</i> , 2000, 16, 76-79.	2.6	71
5	Effective Inorganic Hybrid Adsorbents of Water Vapor by the Solâ€Gel Method. <i>Chemistry of Materials</i> , 1997, 9, 2486-2490.	6.7	45
6	Continuous fermentation of high-strength glucose feeds to ethanol. <i>Biotechnology Letters</i> , 1994, 16, 637-642.	2.2	39
7	Modeling of ethanol fermentation at high yeast concentrations. <i>Biotechnology and Bioengineering</i> , 1989, 34, 1225-1230.	3.3	37
8	High yeast concentration in continuous fermentation with cell recycle obtained by tangential microfiltration. <i>Biotechnology Letters</i> , 1987, 9, 347-352.	2.2	35
9	Thermostability and esterification activity of <i>Mucor javanicus</i> lipase entrapped in silica aerogel matrix and in organic solvents. <i>Biotechnology Letters</i> , 1997, 11, 9-11.	0.5	35
10	Potentials and prospects for application of supercritical fluid technology in bioprocessing. <i>Process Biochemistry</i> , 1995, 30, 343-352.	3.7	34
11	Drag and mass transfer in multiple drop slow motion in a power law fluid. <i>Chemical Engineering Science</i> , 1986, 41, 2569-2573.	3.8	33
12	Morphology of Silica Aerogels Obtained from the Process Catalyzed by NH ₄ F and NH ₄ OH. <i>Langmuir</i> , 1997, 13, 6310-6314.	3.5	28
13	Liquid-liquid and vapour-liquid behaviour of oleyl alcohol applied to extractive fermentation processing. <i>Canadian Journal of Chemical Engineering</i> , 1993, 71, 431-436.	1.7	22
14	Preparation effects on zirconia aerogel morphology. <i>Journal of Non-Crystalline Solids</i> , 1998, 225, 115-119.	3.1	20
15	DRAG AND MASS TRANSFER IN SLOW NON-NEWTONIAN FLOWS OVER AN ENSEMBLE OF NEWTONIAN SPHERICAL DROPS OR BUBBLES. <i>Chemical Engineering Communications</i> , 1987, 49, 235-246.	2.6	19
16	Rheological behaviour of high density continuous cultures of <i>Saccharomyces cerevisiae</i> . <i>Journal of Fermentation Technology</i> , 1987, 65, 319-323.	0.5	17
17	Drag and mass transfer in a creeping flow of a carreau fluid over drops or bubbles. <i>Canadian Journal of Chemical Engineering</i> , 1987, 65, 680-684.	1.7	17
18	Continuous-Flow Monolithic Silica Microreactors with Arenesulphonic Acid Groups: Structureâ€Catalytic Activity Relationships. <i>Catalysts</i> , 2017, 7, 255.	3.5	17

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19	Two-component aerogel adsorbents of water vapour. <i>Journal of Non-Crystalline Solids</i> , 1998, 225, 184-187.	3.1	14
20	Effect of support structure and polyamine type on CO ₂ capture in hierarchically structured monolithic sorbents. <i>Chemical Engineering Journal</i> , 2020, 383, 123175.	12.7	14
21	Selective water sorbents for multiple applications, 8. sorption properties of CaCl ₂ ~SiO ₂ sol-gel composites. <i>Reaction Kinetics and Catalysis Letters</i> , 1999, 66, 113-120.	0.6	13
22	Potentials and Prospects for Application of Supercritical Fluid Technology in Bioprocessing. <i>Process Biochemistry</i> , 1995, 30, 343-352.	0.2	11
23	Analysis of continuous fermentation processes in aqueous two-phase systems. <i>Bioprocess and Biosystems Engineering</i> , 1992, 7, 315-317.	0.5	9
24	Transient mass and heat transfer from drops or bubbles in slow non-Newtonian flows. <i>Chemical Engineering Science</i> , 1986, 41, 2575-2578.	3.8	8
25	The effective approach for recovery of methyl-substituted 1,3-dioxane from aqueous media. <i>Separation Science and Technology</i> , 2002, 37, 2659-2667.	2.5	7
26	Structure Analysis of Nanocrystalline MgO Aerogel Prepared by Sol-Gel Method. <i>Solid State Phenomena</i> , 2007, 130, 203-206.	0.3	4
27	Nanocrystalline MgO powder materials prepared by sol-gel studied by X-ray diffraction and electron microscopy. <i>Zeitschrift für Kristallographie, Supplement</i> , 2009, 2009, 255-260.	0.5	4
28	Structure Analysis of Nanocrystalline MgO Aerogel Prepared by Sol-Gel Method. <i>Solid State Phenomena</i> , 0, , 203-206.	0.3	1
29	Bioreactor Design for Insect Cell Cultivation: A Review. , 2020, , 51-68.		1