

Aleksandra Sander

List of Publications by Year in descending order

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28
papers

618
citations

623734

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29
all docs

29
docs citations

29
times ranked

742
citing authors

#	ARTICLE	IF	CITATIONS
1	The influence of animal fat type and purification conditions on biodiesel quality. <i>Renewable Energy</i> , 2018, 118, 752-760.	8.9	101
2	Physicochemical Properties, Cytotoxicity, and Antioxidative Activity of Natural Deep Eutectic Solvents Containing Organic Acid. <i>Chemical and Biochemical Engineering Quarterly</i> , 2019, 33, 1-18.	0.9	63
3	COMPARISON OF CONVECTIVE, VACUUM, AND MICROWAVE DRYING CHLORPROPAMIDE. <i>Drying Technology</i> , 2001, 19, 167-183.	3.1	50
4	Extraction of S- and N-Compounds from the Mixture of Hydrocarbons by Ionic Liquids as Selective Solvents. <i>Scientific World Journal, The</i> , 2013, 2013, 1-11.	2.1	50
5	Thin-layer drying of porous materials: Selection of the appropriate mathematical model and relationships between thin-layer models parameters. <i>Chemical Engineering and Processing: Process Intensification</i> , 2007, 46, 1324-1331.	3.6	49
6	Heat and mass transfer models in convection drying of clay slabs. <i>Ceramics International</i> , 2003, 29, 641-653.	4.8	40
7	Application of 1-pentyl-3-methylimidazolium bis(trifluoromethylsulfonyl) imide for desulfurization, denitrification and dearomatization of FCC gasoline. <i>Journal of Chemical Thermodynamics</i> , 2014, 76, 1-15.	2.0	38
8	Liquid-liquid equilibria in the ternary and multicomponent systems involving hydrocarbons, thiophene or pyridine and ionic liquid (1-benzyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide). <i>Fluid Phase Equilibria</i> , 2016, 412, 39-50.	2.5	35
9	Lipase catalysed biodiesel synthesis with integrated glycerol separation in continuously operated microchips connected in series. <i>New Biotechnology</i> , 2018, 47, 80-88.	4.4	27
10	Separation of Hydrocarbons by Means of Liquid-Liquid Extraction with Deep Eutectic Solvents. <i>Solvent Extraction and Ion Exchange</i> , 2016, 34, 86-98.	2.0	25
11	From Coffee to Biodiesel-Deep Eutectic Solvents for Feedstock and Biodiesel Purification. <i>Separations</i> , 2020, 7, 22.	2.4	19
12	Crystallization of L-glycine by spray drying. <i>Crystal Research and Technology</i> , 2011, 46, 145-152.	1.3	18
13	THE INFLUENCE OF PRESSURE AND TEMPERATURE ON THE KINETICS OF VACUUM DRYING OF KETOPROFEN. <i>Drying Technology</i> , 1997, 15, 1617-1631.	3.1	14
14	THE INFLUENCE OF AIR TEMPERATURE ON EFFECTIVE DIFFUSION COEFFICIENT OF MOISTURE IN THE FALLING RATE PERIOD. <i>Drying Technology</i> , 1998, 16, 1487-1499.	3.1	14
15	Experimental Validation of Thin-layer Drying Models. <i>Chemical Engineering and Technology</i> , 2009, 32, 590-599.	1.5	14
16	Droplet Size Distribution Obtained by Atomization with Two-fluid Nozzles in Spray Dryer. <i>Chemical Engineering and Technology</i> , 2014, 37, 2073-2084.	1.5	12
17	Pentaerythritol crystallization - Influence of the process conditions on the granulometric properties of crystals. <i>Advanced Powder Technology</i> , 2012, 23, 191-198.	4.1	8
18	Liquid-liquid equilibrium for the systems hydrocarbon-thiophene or pyridine-1-hexyl-3,5-dimethylpyridinium bis(trifluoromethylsulfonyl)imide. <i>Separation Science and Technology</i> , 2017, 52, 2557-2572.	2.5	8

#	ARTICLE	IF	CITATIONS
19	A novel approach for the removal of trace elements from waste fats and oils. Separation Science and Technology, 2020, 55, 3487-3501.	2.5	8
20	Production of stable amorphous form by means of spray drying. Particulate Science and Technology, 2019, 37, 632-642.	2.1	5
21	Deep eutectic solvents for deacidification of waste biodiesel feedstocks: an experimental study. Biomass Conversion and Biorefinery, 0, , 1.	4.6	5
22	Drying of solids; estimation of the mathematical model parameters. Canadian Journal of Chemical Engineering, 2010, 88, 822-829.	1.7	4
23	Drying of Pentaerythritol obtained from Batch Crystallization. Chemical Engineering and Technology, 2010, 33, 812-820.	1.5	3
24	Scaling up extractive deacidification of waste cooking oil. Journal of Environmental Management, 2022, 316, 115222.	7.8	3
25	Spray Drying of Aqueous Solutions of Inorganic and Organic Materials. Particulate Science and Technology, 2013, 31, 458-465.	2.1	2
26	Deep Eutectic Solvents for Purification of Waste Animal Fats and Crude Biodiesel. Kemija U Industriji, 2019, 68, 397-405.	0.3	2
27	Answers to the comments of Prof. Xiao Dong Chen on "Thin-layer drying of porous materials: selection of the appropriate mathematical model and relationships between thin-layer models parameters" by A. Sander [Chem. Eng. Process. 46 (2007) 1324-1331]. Chemical Engineering and Processing: Process Intensification, 2009, 48, 1585-1586.	3.6	1
28	Transport phenomena in environmental engineering. ChemistrySelect, 2018, 3, .	1.5	0