

Zhanyong Li

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38
papers

425
citations

13
h-index

18
g-index

48
ext. papers

518
ext. citations

2.6
avg, IF

3.61
L-index

#	Paper	IF	Citations
38	Surface modification of phosphoric acid activated carbon by using non-thermal plasma for enhancement of Cu(II) adsorption from aqueous solutions. <i>Separation and Purification Technology</i> , 2018 , 197, 156-169	8.3	47
37	Relationship between built form and energy performance of office buildings in a severe cold Chinese region. <i>Building Simulation</i> , 2017 , 10, 11-24	3.9	32
36	Determination of Moisture Diffusivity by Thermo-Gravimetric Analysis under Non-Isothermal Condition. <i>Drying Technology</i> , 2005 , 23, 1331-1342	2.6	29
35	Investigation of Flow Behaviors and Bubble Characteristics of a Pulse Fluidized Bed via CFD Modeling. <i>Drying Technology</i> , 2009 , 28, 78-93	2.6	24
34	Characteristics of Single Droplet Impact on Cold Plate Surfaces. <i>Drying Technology</i> , 2012 , 30, 1756-1762	2.6	21
33	Modeling of drying kinetics of green peas by reaction engineering approach. <i>Drying Technology</i> , 2016 , 34, 437-442	2.6	20
32	Adsorption kinetics and mechanisms of copper ions on activated carbons derived from pinewood sawdust by fast HPO activation. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 7907-7915	5.1	20
31	Production of activated carbon from walnut shell by CO ₂ activation in a fluidized bed reactor and its adsorption performance of copper ion. <i>Journal of Material Cycles and Waste Management</i> , 2018 , 20, 1676-1688	3.4	19
30	Preparation of activated carbons from poplar wood by chemical activation with KOH. <i>Journal of Porous Materials</i> , 2017 , 24, 193-202	2.4	19
29	SORPTION DRYING OF SOYBEAN SEEDS WITH SILICAL GEL. <i>Drying Technology</i> , 2002 , 20, 223-233	2.6	19
28	Modeling of Diffusion in Ellipsoidal Solids: A Comparative Study. <i>Drying Technology</i> , 2004 , 22, 649-675	2.6	16
27	Preparation and characterization of high surface area activated carbon from pine wood sawdust by fast activation with H ₃ PO ₄ in a spouted bed. <i>Journal of Material Cycles and Waste Management</i> , 2018 , 20, 925-936	3.4	14
26	SORPTION DRYING OF SOYBEAN SEEDS WITH SILICA GEL. I. HYDRODYNAMICS OF A FLUIDIZED BED DRYER. <i>Drying Technology</i> , 2002 , 20, 1193-1213	2.6	14
25	Investigation on the Drying Kinetics in a Pulsed Fluidized Bed. <i>Journal of Chemical Engineering of Japan</i> , 2004 , 37, 1179-1182	0.8	13
24	Pulse Combustion Spray Drying of Egg White: Energy Efficiency and Product Quality. <i>Food and Bioprocess Technology</i> , 2015 , 8, 148-157	5.1	12
23	Soybean drying characteristics in microwave rotary dryer with forced convection. <i>Frontiers of Chemical Engineering in China</i> , 2009 , 3, 289-292		11
22	A Method to Predict the Minimum Fluidization Velocity of Binary Mixtures Based on Particle Packing Properties. <i>Chemical Engineering Communications</i> , 2005 , 192, 918-932	2.2	11

21	Preparation of activated carbons from polycarbonate with chemical activation using response surface methodology. <i>Journal of Material Cycles and Waste Management</i> , 2014 , 16, 359-366	3.4	10
20	Drying of soy sauce residue in superheated steam at atmospheric pressure. <i>Drying Technology</i> , 2017 , 35, 1655-1662	2.6	9
19	Evaluation of Hydrodynamic Behavior of a Fluidized Bed Dryer by Analysis of Pressure Fluctuation. <i>Drying Technology</i> , 2013 , 31, 1170-1176	2.6	7
18	Effect of the Inside Placement of Electrically Conductive Beads on Electric Field Uniformity in a Microwave Applicator. <i>Drying Technology</i> , 2014 , 32, 1997-2004	2.6	7
17	DRYING AND DEWATERING R&D IN JAPAN. <i>Drying Technology</i> , 2001 , 19, 1223-1251	2.6	7
16	Raw walnut shell modified by non-thermal plasma in ultrafine water mist for adsorptive removal of Cu(ii) from aqueous solution.. <i>RSC Advances</i> , 2018 , 8, 21993-22003	3.7	6
15	Numerical Study of the Effects of Oxygen Concentration and Fuel Jet Velocity on Thermal Radiation in Methane and Propane Turbulent Diffusion Flames. <i>Canadian Journal of Chemical Engineering</i> , 2015 , 93, 1567-1576	2.3	5
14	Energy characteristics of urban buildings: Assessment by machine learning. <i>Building Simulation</i> , 2021 , 14, 179-193	3.9	5
13	Biofuel production from pyrolysis of waste cooking oil fried sludge in a fixed bed. <i>Journal of Material Cycles and Waste Management</i> , 2020 , 22, 1163-1175	3.4	4
12	Modeling of Diffusion in Ellipsoidal Solids: A Simplified Approach. <i>Drying Technology</i> , 2004 , 22, 2219-2230.	3.6	4
11	Inert particles as process aid in spray-freeze drying. <i>Drying Technology</i> , 2020 , 38, 71-79	2.6	4
10	Drying Kinetics and Quality Attributes of White Radish in Low Pressure Superheated Steam. <i>International Journal of Food Engineering</i> , 2017 , 13,	1.9	3
9	Microwave Drying Characteristics of Soybeans in Single and Variable Microwave Power Density. <i>International Journal of Food Engineering</i> , 2017 , 13,	1.9	2
8	Hot-Melt Fluidized Bed Encapsulation of Citric Acid with Lipid. <i>International Journal of Food Engineering</i> , 2017 , 13,	1.9	2
7	Thin-Layer Drying of Fermentation Spent Liquor Using Corn Bran Adsorbent. <i>Drying Technology</i> , 2010 , 28, 1193-1200	2.6	2
6	Characteristics of Pressure Fluctuations in a Fluidized Bed of Binary Mixtures. <i>Journal of Chemical Engineering of Japan</i> , 2005 , 38, 960-968	0.8	2
5	Enhancement of Cu(II) adsorption on activated carbons by non-thermal plasma modification in O ₂ , N ₂ and O ₂ /N ₂ atmospheres. <i>International Journal of Chemical Reactor Engineering</i> , 2020 , 18,	1.2	2
4	Influence of steam condensation on vitamin C retention in green turnip undergoing low pressure superheated steam drying. <i>Journal of Food Process Engineering</i> , 2018 , 41, e12898	2.4	2

3	Preparation of Activated Carbons from Walnut Shell by Fast Activation with H ₃ PO ₄ : Influence of Fluidization of Particles. <i>International Journal of Chemical Reactor Engineering</i> , 2018 , 16,	1.2	1
2	Power control in microwave drying of green turnip. <i>Drying Technology</i> , 1-11	2.6	0
1	Professor Yong-Kang Pan (1937-2017). <i>Drying Technology</i> , 2017 , 35, 1422-1422	2.6	