

Zhanyong Li

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8321323/zhanyong-li-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	Energy characteristics of urban buildings: Assessment by machine learning. <i>Building Simulation</i> , 2021 , 14, 179-193	3.9	5
37	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
36	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
35	Inert particles as process aid in spray-freeze drying. <i>Drying Technology</i> , 2020 , 38, 71-79	2.6	4
34	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
33	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
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	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
30	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
29	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
28	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
27	Microwave Drying Characteristics of Soybeans in Single and Variable Microwave Power Density. <i>International Journal of Food Engineering</i> , 2017 , 13,	1.9	2
26	Hot-Melt Fluidized Bed Encapsulation of Citric Acid with Lipid. <i>International Journal of Food Engineering</i> , 2017 , 13,	1.9	2
25	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
24	Drying of soy sauce residue in superheated steam at atmospheric pressure. <i>Drying Technology</i> , 2017 , 35, 1655-1662	2.6	9
23	Professor Yong-Kang Pan (1937–2017). <i>Drying Technology</i> , 2017 , 35, 1422-1422	2.6	
22	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

21	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
20	Modeling of drying kinetics of green peas by reaction engineering approach. <i>Drying Technology</i> , 2016 , 34, 437-442	2.6	20
19	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
18	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
17	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
16	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
15	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
14	Characteristics of Single Droplet Impact on Cold Plate Surfaces. <i>Drying Technology</i> , 2012 , 30, 1756-1762	2.6	21
13	Thin-Layer Drying of Fermentation Spent Liquor Using Corn Bran Adsorbent. <i>Drying Technology</i> , 2010 , 28, 1193-1200	2.6	2
12	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
11	Soybean drying characteristics in microwave rotary dryer with forced convection. <i>Frontiers of Chemical Engineering in China</i> , 2009 , 3, 289-292		11
10	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
9	Determination of Moisture Diffusivity by Thermo-Gravimetric Analysis under Non-Isothermal Condition. <i>Drying Technology</i> , 2005 , 23, 1331-1342	2.6	29
8	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
7	Modeling of Diffusion in Ellipsoidal Solids: A Comparative Study. <i>Drying Technology</i> , 2004 , 22, 649-675	2.6	16
6	Modeling of Diffusion in Ellipsoidal Solids: A Simplified Approach. <i>Drying Technology</i> , 2004 , 22, 2219-2230	2.6	4
5	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
4	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

3	SORPTION DRYING OF SOYBEAN SEEDS WITH SILICAL GEL. <i>Drying Technology</i> , 2002 , 20, 223-233	2.6	19
2	DRYING AND DEWATERING R&D IN JAPAN. <i>Drying Technology</i> , 2001 , 19, 1223-1251	2.6	7
1	Power control in microwave drying of green turnip. <i>Drying Technology</i> , 1-11	2.6	0