# Zhanyong Li

List of Publications by Year
in descending order

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Version: 2024-02-01

| 48 | 610 | 623188 | 642321 |
|---|---|---|---|
| papers | citations | 14 h-index | 23 g-index |

| 48 | 48 | 48 | 690 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Surface modification of phosphoric acid activated carbon by using non-thermal plasma for enhancement of Cu(II) adsorption from aqueous solutions. Separation and Purification Technology, 2018, 197, 156-169. | 3.9 | 70 |
| 2 | Adsorption kinetics and mechanisms of copper ions on activated carbons derived from pinewood sawdust by fast H3PO4 activation. Environmental Science and Pollution Research, 2018, 25, 7907-7915. | 2.7 | 38 |
| 3 | Relationship between built form and energy performance of office buildings in a severe cold Chinese region. Building Simulation, 2017, 10, 11-24. | 3.0 | 37 |
| 4 | Preparation of activated carbons from poplar wood by chemical activation with KOH. Journal of Porous Materials, 2017, 24, 193-202. | 1.3 | 36 |
| 5 | Determination of Moisture Diffusivity by Thermo-Gravimetric Analysis under Non-Isothermal Condition. Drying Technology, 2005, 23, 1331-1342. | 1.7 | 33 |
| 6 | Characteristics of Single Droplet Impact on Cold Plate Surfaces. Drying Technology, 2012, 30, 1756-1762. | 1.7 | 32 |
| 7 | Investigation of Flow Behaviors and Bubble Characteristics of a Pulse Fluidized Bed via CFD Modeling. Drying Technology, 2009, 28, 78-93. | 1.7 | 31 |
| 8 | Production of activated carbon from walnut shell by CO2 activation in a fluidized bed reactor and its adsorption performance of copper ion. Journal of Material Cycles and Waste Management, 2018, 20, 1676-1688. | 1.6 | 28 |
| 9 | Preparation and characterization of high surface area activated carbon from pine wood sawdust by fast activation with H3PO4 in a spouted bed. Journal of Material Cycles and Waste Management, 2018, 20, 925-936. | 1.6 | 25 |
| 10 | Modeling of drying kinetics of green peas by reaction engineering approach. Drying Technology, 2016, 34, 437-442. | 1.7 | 23 |
| 11 | SORPTION DRYING OF SOYBEAN SEEDS WITH SILICAL GEL. Drying Technology, 2002, 20, 223-233. | 1.7 | 21 |
| 12 | Pulse Combustion Spray Drying of Egg White: Energy Efficiency and Product Quality. Food and Bioprocess Technology, 2015, 8, 148-157. | 2.6 | 17 |
| 13 | Modeling of Diffusion in Ellipsoidal Solids: A Comparative Study. Drying Technology, 2004, 22, 649-675. | 1.7 | 16 |
| 14 | Preparation of activated carbons from polycarbonate with chemical activation using response surface methodology. Journal of Material Cycles and Waste Management, 2014, 16, 359-366. | 1.6 | 16 |
| 15 | Energy characteristics of urban buildings: Assessment by machine learning. Building Simulation, 2021, 14, 179-193. | 3.0 | 15 |
| 16 | SORPTION DRYING OF SOYBEAN SEEDS WITH SILICA GEL. I. HYDRODYNAMICS OF A FLUIDIZED BED DRYER. Drying Technology, 2002, 20, 1193-1213. | 1.7 | 14 |
| 17 | Investigation on the Drying Kinetics in a Pulsed Fluidized Bed. Journal of Chemical Engineering of Japan, 2004, 37, 1179-1182. | 0.3 | 14 |
| 18 | Drying of soy sauce residue in superheated steam at atmospheric pressure. Drying Technology, 2017, 35, 1655-1662. | 1.7 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Inert particles as process aid in spray-freeze drying. Drying Technology, 2020, 38, 71-79. | 1.7 | 12 |
| 20 | A Method to Predict the Minimum Fluidization Velocity of Binary Mixtures Based on Particle Packing Properties. Chemical Engineering Communications, 2005, 192, 918-932. | 1.5 | 11 |
| 21 | Soybean drying characteristics in microwave rotary dryer with forced convection. Frontiers of Chemical Engineering in China, 2009, 3, 289-292. | 0.6 | 11 |
| 22 | Drying Kinetics and Quality Attributes of White Radish in Low Pressure Superheated Steam. International Journal of Food Engineering, 2017, 13, . | 0.7 | 11 |
| 23 | Effect of the Inside Placement of Electrically Conductive Beads on Electric Field Uniformity in a Microwave Applicator. Drying Technology, 2014, 32, 1997-2004. | 1.7 | 9 |
| 24 | Raw walnut shell modified by non-thermal plasma in ultrafine water mist for adsorptive removal of Cu(ii) from aqueous solution. RSC Advances, 2018, 8, 21993-22003. | 1.7 | 9 |
| 25 | Biofuel production from pyrolysis of waste cooking oil fried sludge in a fixed bed. Journal of Material Cycles and Waste Management, 2020, 22, 1163-1175. | 1.6 | 9 |
| 26 | DRYING AND DEWATERING R&D IN JAPAN. Drying Technology, 2001, 19, 1223-1251. | 1.7 | 8 |
| 27 | Evaluation of Hydrodynamic Behavior of a Fluidized Bed Dryer by Analysis of Pressure Fluctuation. Drying Technology, 2013, 31, 1170-1176. | 1.7 | 8 |
| 28 | Numerical Study of the Effects of Oxygen Concentration and Fuel Jet Velocity on Thermal Radiation in Methane and Propane Turbulent Diffusion Flames. Canadian Journal of Chemical Engineering, 2015, 93, 1567-1576. | 0.9 | 8 |
| 29 | Modeling of Diffusion in Ellipsoidal Solids: A Simplified Approach. Drying Technology, 2004, 22, 2219-2230. | 1.7 | 5 |
| 30 | Preparation of Activated Carbons from Walnut Shell by Fast Activation with H3PO4: Influence of Fluidization of Particles. International Journal of Chemical Reactor Engineering, 2018, 16, . | 0.6 | 4 |
| 31 | Influence of steam condensation on vitamin C retention in green turnip undergoing low pressure superheated steam drying. Journal of Food Process Engineering, 2018, 41, e12898. | 1.5 | 4 |
| 32 | Enhancement of Cu(II) adsorption on activated carbons by non-thermal plasma modification in O<sub>2</sub>, N<sub>2</sub> and O<sub>2</sub>/N<sub>2</sub> atmospheres. International Journal of Chemical Reactor Engineering, 2020, 18, . | 0.6 | 4 |
| 33 | Microstructure of spray freezing dried powders affected by the presence of inert particles. International Journal of Food Engineering, 2020, 16, . | 0.7 | 4 |
| 34 | Microwave Drying Characteristics of Soybeans in Single and Variable Microwave Power Density. International Journal of Food Engineering, 2017, 13, . | 0.7 | 3 |
| 35 | Characteristics of Pressure Fluctuations in a Fluidized Bed of Binary Mixtures. Journal of Chemical Engineering of Japan, 2005, 38, 960-968. | 0.3 | 3 |
| 36 | Thin-Layer Drying of Fermentation Spent Liquor Using Corn Bran Adsorbent. Drying Technology, 2010, 28, 1193-1200. | 1.7 | 2 |

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|---|---|---|---|
| 37 | Hot-Melt Fluidized Bed Encapsulation of Citric Acid with Lipid. International Journal of Food Engineering, 2017, 13, . | 0.7 | 2 |
| 38 | Power control in microwave drying of green turnip. Drying Technology, 2022, 40, 2153-2163. | 1.7 | 2 |
| 39 | Stability of spouted bed during spray cold coating on the surface of carrier particles. International Journal of Food Engineering, 2022, . | 0.7 | 2 |
| 40 | Study on quality change mechanism of green turnip slices during low pressure superheated steam drying based on sensitivity analysis method. International Journal of Food Engineering, 2021, 17, 885-895. | 0.7 | 1 |
| 41 | Professor Yong-Kang Pan (1937â€“2017). Drying Technology, 2017, 35, 1422-1422. | 1.7 | 0 |
| 42 | Numerical Study on the Kinetic Effects of Hydrogen Addition on the Thermal Characteristics of Laminar Methane Diffusion Flames. International Journal of Chemical Reactor Engineering, 2018, 16, . | 0.6 | 0 |
| 43 | Drying of pineapple slices using combined low-pressure superheated steam and vacuum drying. International Journal of Food Engineering, 2021, . | 0.7 | 0 |
| 44 | SORPTION DRYING OF SOYBEAN SEEDS WITH SILICA GEL IN A FLUIDIZED BED DRYER. , 2007, , . | | 0 |
| 45 | OPTIMIZATION OF OSMOTIC DEHYDRATION OF TOONA SINENSIS LEAVES USING RESPONSE SURFACE METHODOLOGY. , 2007, , . | | 0 |
| 46 | GAS CHROMATOGRAPHIC/MASS SPECTROMETRIC ANALYSIS OF THE RETENTION OF VOLATILE CONSTITUENTS IN TOONA SINENSIS BY SOME DRYING METHODS. , 2007, , . | | 0 |
| 47 | NUMERICAL EVALUATION OF THE NON-ISOTHERMAL METHOD FOR DETERMINATION OF MOISTURE DIFFUSIVITY. , 2007, , . | | 0 |
| 48 | MICROWAVE DRYING OF PARTICLES IN A DYNAMIC STATE. , 2007, , . | | 0 |