

# Liu Chuanping

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1568804/publications.pdf>

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19  
papers

101  
citations

1307366

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h-index

1474057

9  
g-index

19  
all docs

19  
docs citations

19  
times ranked

39  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Particulate flow characteristics in a novel moving granular bed. Powder Technology, 2018, 340, 217-226.   | 2.1 | 12        |
| 2  | Adhesion and desorption characteristics of high-temperature condensed flue gas dust on filter material surface. Powder Technology, 2019, 354, 760-764.                                | 2.1 | 10        |
| 3  | Prediction of Gas-Liquid Two-phase Flow Rates through a Vertical Pipe Based on Thermal Diffusion. Industrial & Engineering Chemistry Research, 2021, 60, 2686-2697.                   | 1.8 | 10        |
| 4  | Flow stratification characteristics of binary particles in a moving granular bed. Powder Technology, 2020, 374, 482-491.  | 2.1 | 9         |
| 5  | Experimental study on filtration performance of a sliding granular bed filter. Fuel, 2020, 268, 117374.   | 3.4 | 9         |
| 6  | Response of thermal diffusion to gas-liquid stratified/wave flow and its application in measurement. Chemical Engineering Science, 2020, 225, 115789.                                 | 1.9 | 7         |
| 7  | Temperature fluctuation on pipe wall induced by gas-liquid flow and its application in flow pattern identification. Chemical Engineering Science, 2021, 237, 116568.                  | 1.9 | 7         |
| 8  | Experimental study on filtration characteristics of a novel moving granular bed filter. Separation and Purification Technology, 2021, 267, 118624.                                    | 3.9 | 7         |
| 9  | Experimental study on filtering mixed solid-liquid dust with a sliding granular bed filter. Particuology, 2021, 58, 16-25.  | 2.0 | 7         |
| 10 | Discharge of granular materials in a hemispherical bottom silo under vertical vibration. Powder Technology, 2020, 372, 128-135.   | 2.1 | 6         |
| 11 | Heating Characteristics and Economic Analysis of a Controllable On-Demand Heating System Based on Off-Peak Electricity Energy Storage. Journal of Thermal Science, 2020, 29, 343-351. | 0.9 | 5         |
| 12 | Rolling deformation characteristics of Chinese eaglewood leaf during drying and rehydration. Applied Thermal Engineering, 2017, 120, 340-346.   | 3.0 | 2         |
| 13 | Drying and deformation characteristics of Chinese eaglewood leaves in restricted spaces. Journal of Food Processing and Preservation, 2018, 42, e13697.                               | 0.9 | 2         |
| 14 | Dust distribution of solid and adhesive mixed dust in a granular bed filter. Particuology, 2022, 67, 1-7.   | 2.0 | 2         |
| 15 | Relationship between heat/mass transfer and ingredient degradation during drying process. Journal of Food Process Engineering, 0, , .   | 1.5 | 2         |
| 16 | Relationship between heat/mass transfer and color change during drying process. Journal of Food Measurement and Characterization, 2022, 16, 4151-4160.                                | 1.6 | 2         |
| 17 | Effects of vibrations on tilted silo discharge. Chemical Engineering Research and Design, 2021, 171, 247-253.   | 2.7 | 1         |
| 18 | Numerical simulation of radiative heat transfer in a binary-size granular bed. Thermal Science, 2022, 26, 5095-5108.  | 0.5 | 1         |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Cover Image, Volume 42, Issue 8. Journal of Food Processing and Preservation, 2018, 42, iv-iv. | 0.9 | 0         |