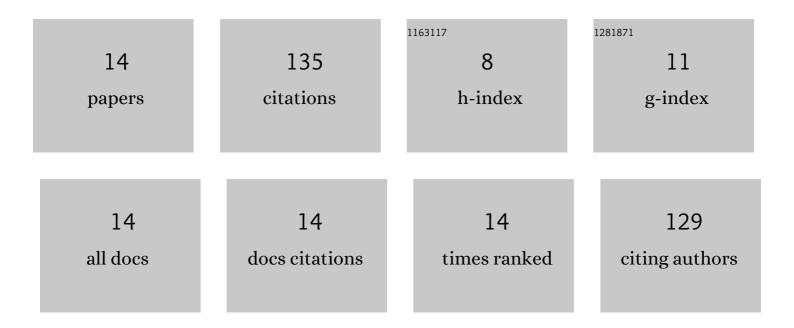


List of Publications by Year in descending order

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XIAO XII

| # | Article | lF | CITATIONS |
|----|---|-----|-----------|
| 1 | Hydrodynamics of an Airlift Column for Aeration in Molten Sulfur. Applied Sciences (Switzerland), 2022, 12, 117. | 2.5 | 0 |
| 2 | Interfacial Behavior and Internal Microflow of an Oil Droplet during the Process of the Oil Droplet Covering a Gas Bubble: Without and with NaCl. Industrial & Engineering Chemistry Research, 2021, 60, 6006-6015. | 3.7 | 13 |
| 3 | Bubbly flow in degassing cyclones and potential applications. Reviews in Chemical Engineering, 2021, 37, 813-825. | 4.4 | 3 |
| 4 | Droplet Evaporation on a Hydrophilic Mesh Considering Their Sunken Shapes in Holes. Chemical Engineering and Technology, 2020, 43, 143-149. | 1.5 | 3 |
| 5 | Bubble size fractal dimension, gas holdup, and mass transfer in a bubble column with dual internals. Chinese Journal of Chemical Engineering, 2020, 28, 2968-2976. | 3.5 | 11 |
| 6 | Gas–liquid mass transfer and bubble size distribution in a multi yclone separator. AICHE Journal, 2019, 65, 221-229. | 3.6 | 10 |
| 7 | Deformation and crawling of oil drop on solid substrates by shearing liquid. Chemical Engineering Science, 2019, 195, 720-729. | 3.8 | 15 |
| 8 | Bubbleâ€separation dynamics in a planar cyclone: Experiments and CFD simulations. AICHE Journal, 2018, 64, 2689-2701. | 3.6 | 15 |
| 9 | Effect of the Mixed Oleophilic Fibrous Coalescer Geometry and the Operating Conditions on Oily Wastewater Separation. Chemical Engineering and Technology, 2016, 39, 255-262. | 1.5 | 24 |
| 10 | Computational Fluid Dynamics Simulation of the Impact of Structure on the Degassing Efficiency of a Cyclone. Chemical Engineering and Technology, 2016, 39, 522-528. | 1.5 | 2 |
| 11 | Dissolved gas separation using the pressure drop and centrifugal characteristics of an inner cone hydrocyclone. Separation and Purification Technology, 2016, 161, 121-128. | 7.9 | 22 |
| 12 | Impact of bubble coalescence on separation performance of a degassing hydrocyclone. Separation and Purification Technology, 2015, 152, 80-86. | 7.9 | 16 |
| 13 | Circulating jet for enhancing the mass transfer in a gas–liquid stirred tank reactor. AICHE Journal, 0, , e17392. | 3.6 | 1 |
| 14 | Performance of a degassing cyclone with main and subsidiary chambers. Chemical Engineering and Technology, 0, , . | 1.5 | 0 |