

Yichun Dong

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

336
citations

1040056

9
h-index

1281871

11
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12
all docs

12
docs citations

12
times ranked

163
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Process intensification on the separation of benzene and thiophene by extractive distillation. <i>AICHE Journal</i> , 2015, 61, 4470-4480. | 3.6 | 55 |
| 2 | Extractive distillation of methylal/methanol mixture using the mixture of dimethylformamide (DMF) and ionic liquid as entrainers. <i>Fuel</i> , 2018, 216, 503-512. | 6.4 | 53 |
| 3 | A United Chemical Thermodynamic Model: COSMO-UNIFAC. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 15954-15958. | 3.7 | 44 |
| 4 | Extractive distillation of methylal/methanol mixture using ethylene glycol as entrainer. <i>Fluid Phase Equilibria</i> , 2018, 462, 172-180. | 2.5 | 40 |
| 5 | Separation of the Methanol-Ethanol-Water Mixture Using Ionic Liquid. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 11167-11177. | 3.7 | 34 |
| 6 | COSMO-UNIFAC model for ionic liquids. <i>AICHE Journal</i> , 2020, 66, e16787. | 3.6 | 30 |
| 7 | Separation of benzene and thiophene with a mixture of N -methyl-2-pyrrolidinone (NMP) and ionic liquid as the entrainer. <i>Fluid Phase Equilibria</i> , 2015, 388, 142-150. | 2.5 | 28 |
| 8 | UNIFAC Model for Ionic Liquids. 2. Revision and Extension. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 10172-10184. | 3.7 | 27 |
| 9 | Capturing VOCs in the pharmaceutical industry with ionic liquids. <i>Chemical Engineering Science</i> , 2022, 252, 117504. | 3.8 | 18 |
| 10 | Hydrodynamics and gas-liquid mass transfer of CO ₂ absorption into [NH ₂ e-mim][BF ₄]-MEA mixture in a monolith channel. <i>Chemical Engineering and Processing: Process Intensification</i> , 2021, 163, 108368. | 3.6 | 5 |
| 11 | Reaction Mechanism of Anthraquinone Hydrogenation over Pd Based Monometallic and Bimetallic Catalyst. <i>Catalysis Letters</i> , 0, , 1. | 2.6 | 1 |
| 12 | <sc>SAFT</sc>-Mie model for ionic liquids. <i>AICHE Journal</i> , 2022, 68, . | 3.6 | 1 |