

Christian Kunde

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

121
citations

1478505

6
h-index

1281871

11
g-index

15
all docs

15
docs citations

15
times ranked

115
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Integrated Computer-Aided Molecular and Process Design: Green Solvents for the Hydroformylation of Long-Chain Olefines. <i>Chemical Engineering Science</i> , 2021, 249, 117243. | 3.8 | 5 |
| 2 | Computer Aided Molecular Design of Green Solvents for the Hydroformylation of Long-Chain Olefines. <i>Computer Aided Chemical Engineering</i> , 2020, 48, 745-750. | 0.5 | 2 |
| 3 | Deterministic Global Optimization of Multistage Membrane Gas Separation Using Surrogate Models. <i>Computer Aided Chemical Engineering</i> , 2020, , 841-846. | 0.5 | 1 |
| 4 | Systematic Selection of Green Solvents and Process Optimization for the Hydroformylation of Long-Chain Olefines. <i>Processes</i> , 2019, 7, 882. | 2.8 | 6 |
| 5 | Surrogate Modeling for Liquid-Liquid Equilibria Using a Parameterization of the Binodal Curve. <i>Processes</i> , 2019, 7, 753. | 2.8 | 6 |
| 6 | Global optimization of distillation columns using explicit and implicit surrogate models. <i>Chemical Engineering Science</i> , 2019, 197, 235-245. | 3.8 | 42 |
| 7 | Global optimization of distillation columns using surrogate models. <i>SN Applied Sciences</i> , 2019, 1, 11. | 2.9 | 13 |
| 8 | Monotonic reformulation and bound tightening for global optimization of ideal multi-component distillation columns. <i>Optimization and Engineering</i> , 2018, 19, 479-514. | 2.4 | 4 |
| 9 | Global optimization of multistage binary separation networks. <i>Chemical Engineering and Processing: Process Intensification</i> , 2018, 131, 164-177. | 3.6 | 7 |
| 10 | Efficient global optimization of a novel hydroformylation process. <i>Computer Aided Chemical Engineering</i> , 2017, 40, 2113-2118. | 0.5 | 4 |
| 11 | A Reformulation Strategy for Deterministic Global Optimization of Ideal Multi-component Distillation Processes. <i>Computer Aided Chemical Engineering</i> , 2016, 38, 691-696. | 0.5 | 4 |
| 12 | Deterministic global optimization in conceptual process design of distillation and melt crystallization. <i>Chemical Engineering and Processing: Process Intensification</i> , 2016, 99, 132-142. | 3.6 | 8 |
| 13 | Deterministic global optimization of binary hybrid distillation/melt-crystallization processes based on relaxed MINLP formulations. <i>Optimization and Engineering</i> , 2015, 16, 409-440. | 2.4 | 12 |
| 14 | Deterministic Global Optimization of Multistage Melt Crystallization Processes in Hydroformylation. <i>Computer Aided Chemical Engineering</i> , 2015, , 1061-1066. | 0.5 | 4 |
| 15 | Towards global optimization of combined distillation-crystallization processes for the separation of closely boiling mixtures. <i>Computer Aided Chemical Engineering</i> , 2011, 29, 552-556. | 0.5 | 3 |