

VÃ©ronique Osswald

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

190
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

141
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | Impact of pressure on the dynamic behavior of CO ₂ hydrate slurry in a stirred tank reactor applied to cold thermal energy storage. <i>Applied Energy</i> , 2017, 204, 641-652. | 10.1 | 54 |
| 2 | Rheological study of CO ₂ hydrate slurry in the presence of Sodium Dodecyl Sulfate in a secondary refrigeration loop. <i>Chemical Engineering Science</i> , 2017, 158, 294-303. | 3.8 | 42 |
| 3 | Experimental study of convective heat transfer coefficients of CO ₂ hydrate slurries in a secondary refrigeration loop. <i>Applied Thermal Engineering</i> , 2017, 118, 630-637. | 6.0 | 34 |
| 4 | Experimental and modelling study of energy efficiency of CO ₂ hydrate slurry in a coil heat exchanger. <i>Applied Energy</i> , 2019, 242, 492-505. | 10.1 | 18 |
| 5 | Methane Hydrate Formation and Dissociation in Sand Media: Effect of Water Saturation, Gas Flowrate and Particle Size. <i>Energies</i> , 2020, 13, 5200. | 3.1 | 16 |
| 6 | Kinetic study of CO ₂ hydrates crystallization: Characterization using FTIR/ATR spectroscopy and contribution modeling of equilibrium/non-equilibrium phase-behavior. <i>Chemical Engineering Science</i> , 2018, 192, 371-379. | 3.8 | 14 |
| 7 | Thermodynamic characterization of mixed gas hydrates in the presence of cyclopentane as guest molecule for an application in secondary refrigeration. <i>Chemical Engineering Science</i> , 2021, 244, 116790. | 3.8 | 8 |
| 8 | Rheological study on CO ₂ hydrate slurries for secondary refrigeration. <i>Energetika</i> , 2017, 63, . | 0.6 | 4 |