

Smitha Gopinath

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8493217/publications.pdf>

Version: 2024-02-01

7
papers

232
citations

1684188

5
h-index

1872680

6
g-index

8
all docs

8
docs citations

8
times ranked

282
citing authors

#	ARTICLE	IF	CITATIONS
1	A hierarchical method to integrated solvent and process design of physical CO_2 absorption using the SAFT- M^3 approach. AICHE Journal, 2015, 61, 3249-3269.	3.6	120
2	Outer approximation algorithm with physical domain reduction for computer-aided molecular and separation process design. AICHE Journal, 2016, 62, 3484-3504.	3.6	47
3	Water Solubility at Saturation for CO_2 - CH_4 Mixtures at 323.2 K and 9.000 MPa. Journal of Chemical & Engineering Data, 2017, 62, 1608-1614.	1.9	25
4	Beyond a heuristic analysis: integration of process and working-fluid design for organic Rankine cycles. Molecular Systems Design and Engineering, 2020, 5, 493-510.	3.4	20
5	Carbon sequestration during steel production: Modelling the dynamics of aqueous carbonation of steel slag. Chemical Engineering Research and Design, 2016, 115, 173-181.	5.6	16
6	A feasibility-based algorithm for Computer Aided Molecular and Process Design of solvent-based separation systems. Computer Aided Chemical Engineering, 2016, 38, 73-78.	0.5	3
7	Carbon dioxide sequestration using steel slag modeling and experimental investigation. , 2018, , 65-80.		1