

Gloria Milena Monsalve-Bravo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5598979/publications.pdf>

Version: 2024-02-01

10
papers

169
citations

1039406

9
h-index

1372195

10
g-index

12
all docs

12
docs citations

12
times ranked

231
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling Permeation through Mixed-Matrix Membranes: A Review. <i>Processes</i> , 2018, 6, 172.	1.3	50
2	Extending effective medium theory to finite size systems: Theory and simulation for permeation in mixed-matrix membranes. <i>Journal of Membrane Science</i> , 2017, 531, 148-159.	4.1	24
3	Multiscale simulation of gas transport in mixed-matrix membranes with interfacial polymer rigidification. <i>Microporous and Mesoporous Materials</i> , 2020, 296, 109982.	2.2	21
4	Comparison of hollow fiber and flat mixed-matrix membranes: Theory and simulation. <i>Chemical Engineering Science</i> , 2018, 187, 174-188.	1.9	14
5	Scaleup of Batch Reactors Using Phenomenological-Based Models. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 9439-9453.	1.8	12
6	Simulation of multicomponent gas transport through mixed-matrix membranes. <i>Journal of Membrane Science</i> , 2019, 577, 219-234.	4.1	12
7	Model-Based Supervisory Control Structure for Plantwide Control of a Reactor-“Separator”-Recycle Plant. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 20177-20190.	1.8	11
8	Concentration-dependent transport in finite sized composites: Modified effective medium theory. <i>Journal of Membrane Science</i> , 2018, 550, 110-125.	4.1	10
9	Mitigating the Agglomeration of Nanofiller in a Mixed Matrix Membrane by Incorporating an Interface Agent. <i>Membranes</i> , 2021, 11, 328.	1.4	9
10	Model-based scale-up methodology for aerobic fed-batch bioprocesses: application to polyhydroxybutyrate (PHB) production. <i>Bioprocess and Biosystems Engineering</i> , 2015, 38, 1179-1190.	1.7	6