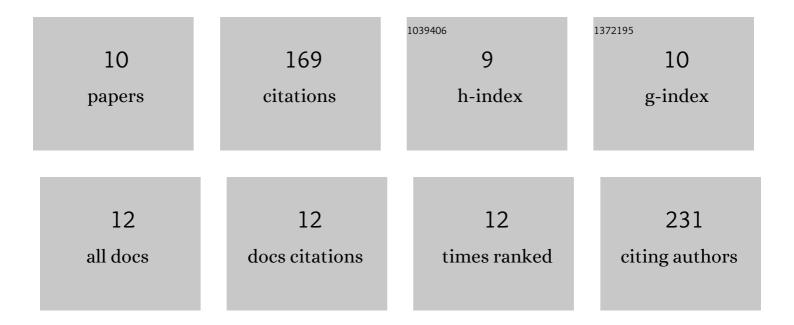
Gloria Milena Monsalve-Bravo

List of Publications by Year in descending order

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GLORIA MILENA

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