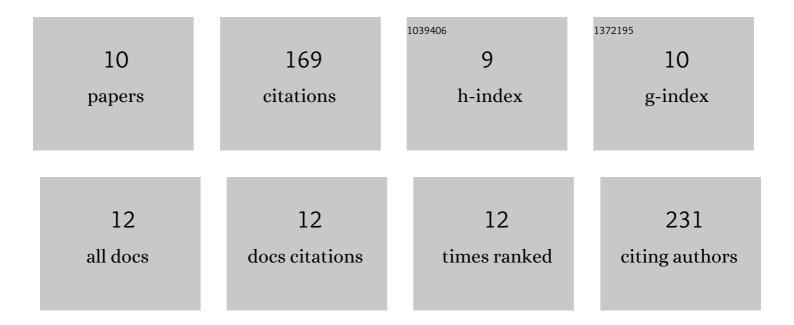
Gloria Milena Monsalve-Bravo

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 |