

# Marcel Balcik

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3455990/publications.pdf>

Version: 2024-02-01

5  
papers

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citations

1684188

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2053705

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g-index

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docs citations

5  
times ranked

106  
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of CO <sub>2</sub> -induced plasticization pressure in polyimides via atomistic simulations. Journal of Membrane Science, 2018, 547, 146-155.	8.2	40
2	CO <sub>2</sub> /CH <sub>4</sub> mixed-gas separation in PIM-1 at high pressures: Bridging atomistic simulations with process modeling. Journal of Membrane Science, 2021, 640, 119838.	8.2	20
3	<i>In Silico</i> Screening of Green Plasticizers for Poly(vinyl chloride). Macromolecules, 2019, 52, 2421-2430.	4.8	16
4	Interfacial analysis of mixed-matrix membranes under exposure to high-pressure CO <sub>2</sub> . Journal of Membrane Science, 2020, 607, 118147.	8.2	16
5	Can crosslinking improve both CO <sub>2</sub> permeability and plasticization resistance in 6FDA- <i>p</i> BAPS/DABA copolyimides?. Polymer, 2020, 205, 122789.	3.8	12