

# Nasser Alaslai

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

618  
citations

840119

11  
h-index

1281420

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

525  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pure- and mixed-gas permeation properties of highly selective and plasticization resistant hydroxyl-diamine-based 6FDA polyimides for CO <sub>2</sub> /CH <sub>4</sub> separation. <i>Journal of Membrane Science</i> , 2016, 505, 100-107.	4.1	107
2	Gas permeation and physical aging properties of iptycene diamine-based microporous polyimides. <i>Journal of Membrane Science</i> , 2015, 490, 321-327.	4.1	95
3	High-performance intrinsically microporous dihydroxyl-functionalized triptycene-based polyimide for natural gas separation. <i>Polymer</i> , 2016, 91, 128-135.	1.8	65
4	Novel 6FDA-based polyimides derived from sterically hindered Tröger's base diamines: Synthesis and gas permeation properties. <i>Polymer</i> , 2016, 96, 13-19.	1.8	60
5	Synthesis and Characterization of a Novel Microporous Dihydroxyl-Functionalized Triptycene-Diamine-Based Polyimide for Natural Gas Membrane Separation. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1700303.	2.0	56
6	Synthesis and gas permeation properties of a novel thermally-rearranged polybenzoxazole made from an intrinsically microporous hydroxyl-functionalized triptycene-based polyimide precursor. <i>Polymer</i> , 2017, 121, 9-16.	1.8	53
7	Synthesis and characterization of novel triptycene dianhydrides and polyimides of intrinsic microporosity based on 3,3'-dimethylnaphthidine. <i>Polymer</i> , 2016, 101, 225-232.	1.8	50
8	Triptycene dimethyl-bridgehead dianhydride-based intrinsically microporous hydroxyl-functionalized polyimide for natural gas upgrading. <i>Journal of Membrane Science</i> , 2016, 520, 240-246.	4.1	50
9	Gas separation performance and mechanical properties of thermally-rearranged polybenzoxazoles derived from an intrinsically microporous dihydroxyl-functionalized triptycene diamine-based polyimide. <i>Journal of Membrane Science</i> , 2020, 595, 117512.	4.1	44
10	New phenazine-containing ladder polymer of intrinsic microporosity from a spirobisindane-based AB-type monomer. <i>RSC Advances</i> , 2016, 6, 79625-79630.	1.7	21
11	Unprecedented Sour Mixed-Gas Permeation Properties of Fluorinated Polyazole-Based Membranes. <i>ACS Applied Polymer Materials</i> , 2020, 2, 2199-2210.	2.0	17
12	Macromol. Rapid Commun. 18/2017. <i>Macromolecular Rapid Communications</i> , 2017, 38, .	2.0	0