

Nasser Alaslai

List of Publications by Year in descending order

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12
papers

618
citations

840119

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525
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Unprecedented Sour Mixed-Gas Permeation Properties of Fluorinated Polyazole-Based Membranes. <i>ACS Applied Polymer Materials</i> , 2020, 2, 2199-2210.	2.0	17
3	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
4	<i>Macromol. Rapid Commun.</i> 18/2017. <i>Macromolecular Rapid Communications</i> , 2017, 38, .	2.0	0
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	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
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	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
10	High-performance intrinsically microporous dihydroxyl-functionalized triptycene-based polyimide for natural gas separation. <i>Polymer</i> , 2016, 91, 128-135.	1.8	65
11	Pure- and mixed-gas permeation properties of highly selective and plasticization resistant hydroxyl-diamine-based 6FDA polyimides for CO ₂ /CH ₄ separation. <i>Journal of Membrane Science</i> , 2016, 505, 100-107.	4.1	107
12	Gas permeation and physical aging properties of triptycene diamine-based microporous polyimides. <i>Journal of Membrane Science</i> , 2015, 490, 321-327.	4.1	95