

Nasser Alaslai

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

618
citations

840776

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1281871

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all docs

12
docs citations

12
times ranked

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. Journal of Membrane Science, 2020, 595, 117512.	8.2	44
2	Unprecedented Sour Mixed-Gas Permeation Properties of Fluorinated Polyazole-Based Membranes. ACS Applied Polymer Materials, 2020, 2, 2199-2210.	4.4	17
3	Synthesis and gas permeation properties of a novel thermally-rearranged polybenzoxazole made from an intrinsically microporous hydroxyl-functionalized triptycene-based polyimide precursor. Polymer, 2017, 121, 9-16.	3.8	53
4	Macromol. Rapid Commun. 18/2017. Macromolecular Rapid Communications, 2017, 38, .	3.9	0
5	Synthesis and Characterization of a Novel Microporous Dihydroxyl-Functionalized Triptycene-Diamine-Based Polyimide for Natural Gas Membrane Separation. Macromolecular Rapid Communications, 2017, 38, 1700303.	3.9	56
6	Novel 6FDA-based polyimides derived from sterically hindered Tröger's base diamines: Synthesis and gas permeation properties. Polymer, 2016, 96, 13-19.	3.8	60
7	Synthesis and characterization of novel triptycene dianhydrides and polyimides of intrinsic microporosity based on 3,3'-dimethylnaphthidine. Polymer, 2016, 101, 225-232.	3.8	50
8	Triptycene dimethyl-bridgehead dianhydride-based intrinsically microporous hydroxyl-functionalized polyimide for natural gas upgrading. Journal of Membrane Science, 2016, 520, 240-246.	8.2	50
9	New phenazine-containing ladder polymer of intrinsic microporosity from a spirobisindane-based AB-type monomer. RSC Advances, 2016, 6, 79625-79630.	3.6	21
10	High-performance intrinsically microporous dihydroxyl-functionalized triptycene-based polyimide for natural gas separation. Polymer, 2016, 91, 128-135.	3.8	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. Journal of Membrane Science, 2016, 505, 100-107.	8.2	107
12	Gas permeation and physical aging properties of triptycene diamine-based microporous polyimides. Journal of Membrane Science, 2015, 490, 321-327.	8.2	95