

Carla Aguilar-Lugo

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

213
citations

1307366

7
h-index

1125617

13
g-index

14
all docs

14
docs citations

14
times ranked

299
citing authors

#	ARTICLE	IF	CITATIONS
1	Gas separation membranes obtained by partial pyrolysis of polyimides exhibiting polyethylene oxide moieties. <i>Polymer</i> , 2022, 247, 124789.	1.8	4
2	Fluorinated Polybenzimidazole as a Novel Precursor for Carbon Molecular Sieve Membranes with Enhanced Gas Separation Properties. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 6587-6599.	1.8	5
3	Highly Permeable Mixed Matrix Membranes of Thermally Rearranged Polymers and Porous Polymer Networks for Gas Separations. <i>ACS Applied Polymer Materials</i> , 2021, 3, 5224-5235.	2.0	14
4	Synthesis and properties of highly processable asymmetric polyimides with bulky phenoxy groups. <i>High Performance Polymers</i> , 2020, 32, 455-468.	0.8	3
5	Aromatic polyimides and copolyimides containing bulky <i>t</i> -butyltriphenylmethane units. <i>Polymer Bulletin</i> , 2020, 77, 5103-5125.	1.7	5
6	Processable N-Substituted Polybenzimidazole; Direct Synthesis. <i>ChemistrySelect</i> , 2020, 5, 5082-5091.	0.7	1
7	New Materials for Gas Separation Applications: Mixed Matrix Membranes Made from Linear Polyimides and Porous Polymer Networks Having Lactam Groups. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 9585-9595.	1.8	22
8	Thermally Rearranged Polybenzoxazoles Containing Bulky Adamantyl Groups from Ortho-Substituted Precursor Copolyimides. <i>Macromolecules</i> , 2018, 51, 1605-1619.	2.2	36
9	Microporous Polymer Networks for Carbon Capture Applications. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 26195-26205.	4.0	41
10	High- <i>T_g</i> Functional Aromatic Polymers. <i>Macromolecules</i> , 2015, 48, 1026-1037.	2.2	34
11	Gas Permeation Properties of Soluble Aromatic Polyimides Based on 4-Fluoro-4,4'-Diaminotriphenylmethane. <i>Materials</i> , 2015, 8, 1951-1965.	1.3	27
12	Cyclometalated Ruthenium(II) Complex as a Versatile Catalyst for Living/Controlled Radical Polymerization of Hydrophobic and Hydrophilic Monomers. <i>Macromolecular Symposia</i> , 2013, 325-326, 10-20.	0.4	2
13	“Living” radical polymerization of styrene catalyzed by cyclometalated ruthenium(II) complexes bearing nonlabile ligands. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3814-3828.	2.5	19