

Carla Aguilar-Lugo

List of Publications by Year in descending order

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