

Jose G De La Campa

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153
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3,400
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ext. papers

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avg, IF

4.84
L-index

#	Paper	IF	Citations
153	Free-Radical Copolymerizations of N-Phenyl Maleimide. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1977 , 11, 267-286		123
152	Synthesis and characterization of novel polyimides with bulky pendant groups. <i>Journal of Polymer Science Part A</i> , 1999 , 37, 805-814	2.5	101
151	Gas separation properties of aromatic polyimides. <i>Journal of Membrane Science</i> , 2003 , 215, 61-73	9.6	91
150	Synthesis, characterization, and water sorption properties of new aromatic polyamides containing benzimidazole and ethylene oxide moieties. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 112-121	2.5	83
149	New liquid absorbents for the removal of CO ₂ from gas mixtures. <i>Energy and Environmental Science</i> , 2009 , 2, 883	35.4	78
148	Design of gas separation membranes derived of rigid aromatic polyimides. 1. Polymers from diamines containing di-tert-butyl side groups. <i>Journal of Membrane Science</i> , 2010 , 365, 145-153	9.6	72
147	Effect of substituents on the permeation properties of polyamide membranes. <i>Journal of Membrane Science</i> , 2006 , 280, 659-665	9.6	70
146	Synthesis and characterization of new soluble aromatic polyamides derived from 1,4-Bis(4-carboxyphenoxy)-2, 5-di-tert-butylbenzene. <i>Journal of Polymer Science Part A</i> , 2001 , 39, 475-485	2.5	69
145	Thermally rearranged polybenzoxazoles membranes with biphenyl moieties: Monomer isomeric effect. <i>Journal of Membrane Science</i> , 2014 , 450, 369-379	9.6	64
144	Synthesis and characterization of new soluble aromatic polyamides based on 4-(1-adamantyl)-1, 3-bis(4-aminophenoxy)benzene. <i>Journal of Polymer Science Part A</i> , 2000 , 38, 1014-1023	2.5	63
143	Gas separation properties of aromatic polyamides containing hexafluoroisopropylidene groups. <i>Journal of Membrane Science</i> , 1995 , 104, 231-241	9.6	63
142	Gas separation of 6FDA/6FpDA membranes Effect of the solvent on polymer surfaces and permselectivity. <i>Journal of Membrane Science</i> , 2007 , 293, 22-28	9.6	60
141	Synthesis and characterization of aromatic polyamides containing alkylphthalimido pendent groups. <i>Journal of Polymer Science Part A</i> , 2002 , 40, 3711-3724	2.5	59
140	Synthesis, Characterization, and Gas Separation Properties of Novel Copolyimides Containing Adamantyl Ester Pendant Groups. <i>Macromolecules</i> , 2011 , 44, 2780-2790	5.5	52
139	Palladium-heterogenized porous polyimide materials as effective and recyclable catalysts for reactions in water. <i>Green Chemistry</i> , 2015 , 17, 466-473	10	50
138	Novel Aromatic Polyimides Derived from 5?-t-Butyl-2?-pivaloylimino-3,4,3??,4??-m-terphenyltetracarboxylic Dianhydride with Potential Application on Gas Separation Processes. <i>Macromolecules</i> , 2010 , 43, 2268-2275	5.5	50
137	LC-polyimides: 5. Poly(ester-imide)s derived from N-(4-carboxyphenyl) trimellitimide and dihydroxyalkanes. <i>Polymer</i> , 1991 , 32, 942-949	3.9	50

136	Gas separation properties of aromatic polyamides with sulfone groups. <i>Polymer</i> , 1995 , 36, 793-800	3.9	49
135	Thermal treatment of poly(ethylene oxide)-segmented copolyimide based membranes: An effective way to improve the gas separation properties. <i>Journal of Membrane Science</i> , 2008 , 323, 53-59	9.6	47
134	Synthesis and properties of new aromatic polyisophthalamides with adamantylamide pendent groups. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 1743-1751	2.5	45
133	Layer Structures. 2. Influence of Spacers on Chain Packing and Phase Transitions of Poly(ester-imide)s Derived from N-(4-Carboxyphenyl)trimellitimide. <i>Macromolecules</i> , 1994 , 27, 2540-2547	5.5	43
132	Local chain mobility dependence on molecular structure in polyimides with bulky side groups: Correlation with gas separation properties. <i>Journal of Membrane Science</i> , 2013 , 434, 121-129	9.6	42
131	Liquid-crystalline polyimides, 1. Thermotropic poly(ester-imide)s derived from 4-hydroxyphthalic acid, 4-aminophenol and various aliphatic diacids. <i>Die Makromolekulare Chemie</i> , 1990 , 191, 537-547		41
130	Soluble Polyamides and Polyimides Functionalized with Benzo-15-Crown-5-Pendant Groups. <i>Macromolecular Rapid Communications</i> , 2004 , 25, 592-597	4.8	40
129	Chemical modification of copolyimides with bulky pendent groups: Effect of modification on solubility and thermal stability. <i>Polymer Degradation and Stability</i> , 2007 , 92, 2294-2299	4.7	39
128	Polyisophthalamides with heteroaromatic pendent rings: Synthesis, physical properties, and water uptake. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 5300-5311	2.5	39
127	Gas separation properties of pendent phenyl substituted aromatic polyamides containing sulfone and hexafluoroisopropylidene groups. <i>Polymer</i> , 1999 , 40, 5715-5722	3.9	39
126	Aromatic polyisophthalamides with iminobenzoyl pendant groups. <i>European Polymer Journal</i> , 1985 , 21, 1013-1019	5.2	39
125	Sulfonated polynaphthalimides with benzimidazole pendant groups. <i>Polymer</i> , 2008 , 49, 3875-3883	3.9	38
124	Experimental and Theoretical Study of an Improved Activated Polycondensation Method for Aromatic Polyimides. <i>Macromolecules</i> , 2007 , 40, 8225-8232	5.5	34
123	Gas transport properties of new aromatic polyimides based on 3,8-diphenylpyrene-1,2,6,7-tetracarboxylic dianhydride. <i>Journal of Membrane Science</i> , 2015 , 476, 442-448	9.6	33
122	Aromatic polyamides with benzothiazole pendent groups: synthesis, nuclear magnetic resonance structural study and evaluation of properties. <i>Polymer</i> , 1994 , 35, 872-877	3.9	33
121	Thermally treated copoly(ether-imide)s made from bpda and alifatic plus aromatic diamines. GAS separation properties with different aromatic diamines. <i>Journal of Membrane Science</i> , 2012 , 387-388, 54-65	9.6	32
120	Determination of some electrical parameters for two novel aliphatic-aromatic polyamide membranes. <i>Journal of Membrane Science</i> , 1996 , 114, 51-57	9.6	32
119	Thermally rearranged polybenzoxazoles and poly(benzoxazole-co-imide)s from ortho-hydroxyamine monomers for high performance gas separation membranes. <i>Journal of Membrane Science</i> , 2015 , 493, 329-339	9.6	31

118	Theoretical Study of the Synthesis of Aromatic Polyethers by the Nucleophilic Aromatic Substitution between Fluoro Aromatic Compounds and Phenoxides. <i>Macromolecules</i> , 1994 , 27, 7164-7170	5.5	31
117	First pre-functionalised polymeric aromatic framework from mononitrotetrakis(iodophenyl)methane and its applications. <i>Chemistry - A European Journal</i> , 2014 , 20, 5111-20	4.8	30
116	Partially pyrolyzed membranes (PPMs) derived from copolyimides having carboxylic acid groups. Preparation and gas transport properties. <i>Journal of Membrane Science</i> , 2010 , 349, 385-392	9.6	30
115	Synthesis of Aromatic Polyisophthalamides by in Situ Silylation of Aromatic Diamines□ <i>Macromolecules</i> , 1997 , 30, 2507-2508	5.5	30
114	Thermally stable polymers: Novel aromatic polyamides. <i>Advanced Materials</i> , 1995 , 7, 148-151	24	30
113	New aromatic polyamides and polyimides having an adamantane bulky group. <i>Materials Today Communications</i> , 2015 , 5, 23-31	2.5	29
112	An Improved Method for Preparing Very High Molecular Weight Polyimides. <i>Macromolecules</i> , 2009 , 42, 5892-5894	5.5	29
111	Designing aromatic polyamides and polyimides for gas separation membranes. <i>Macromolecular Symposia</i> , 2003 , 199, 293-306	0.8	29
110	Novel efficient catalysts based on imine-linked mesoporous polymers for hydrogenation and cyclopropanation reactions. <i>Journal of Materials Chemistry</i> , 2012 , 22, 24637		28
109	Synthesis and properties of aromatic polyamides with oligobenzamide pendent groups. I. Poly-5-(4-benzoylamino-1-benzoylamino)isophthalamides. <i>Journal of Polymer Science Part A</i> , 1995 , 33, 1987-1994	2.5	28
108	Polyisophthalamides with phenoxy pendant groups. <i>Polymer</i> , 1988 , 29, 1142-1145	3.9	27
107	Thermally Rearranged Polybenzoxazoles Containing Bulky Adamantyl Groups from Ortho-Substituted Precursor Copolyimides. <i>Macromolecules</i> , 2018 , 51, 1605-1619	5.5	25
106	Synthesis and characterization of new aromatic polyamides bearing crown ethers or their dipodal counterparts in the pendant structure. II. Benzo-15-crown-5 and ortho-bis[2-(2-ethoxyethoxy)ethoxy]benzene. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 4063-4075	2.5	25
105	Synthesis, characterization, and properties of new sequenced poly(ether amide)s based on 2-(4-aminophenyl)-5-aminobenzimidazole and 2-(3-aminophenyl)-5-aminobenzimidazole. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 1414-1423	2.5	25
104	Gas separation properties of mixed-matrix membranes containing porous polyimides fillers. <i>Journal of Membrane Science</i> , 2013 , 447, 403-412	9.6	24
103	Effect of sodium hypochlorite exposure on polysulfone recycled UF membranes and their surface characterization. <i>Polymer Degradation and Stability</i> , 2018 , 150, 46-56	4.7	23
102	Synthesis and characterization of aliphatic-aromatic poly(ether amide)s. <i>Macromolecular Chemistry and Physics</i> , 1997 , 198, 727-737	2.6	23
101	Thin-film polyimide/indium tin oxide composites for photovoltaic applications. <i>Journal of Applied Polymer Science</i> , 2007 , 103, 3491-3497	2.9	23

100	Synthesis and evaluation of properties of novel poly(benzimidazole-amide)s. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 7566-7577	2.5	23
99	Synthesis and characterization of new soluble polyamides derived from 2,6-bis(4-aminophenyl)-3,5-dimethyltetrahydro-4H-pyran-4-one. <i>Journal of Polymer Science Part A</i> , 2001 , 39, 1825-1832	2.5	23
98	Microporous Polymer Networks for Carbon Capture Applications. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 26195-26205	9.5	22
97	Physical properties of films made of copoly(ether-imide)s with long poly(ethylene oxide) segments. <i>European Polymer Journal</i> , 2010 , 46, 2352-2364	5.2	22
96	Synthesis and Properties of Novel Polyimides Bearing Sulfonated Benzimidazole Pendant Groups. <i>Macromolecular Rapid Communications</i> , 2007 , 28, 616-622	4.8	22
95	Fluorenyl cardo copolyimides containing poly(ethylene oxide) segments: Synthesis, characterization, and evaluation of properties. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 8170-8178	2.5	22
94	Thermal and Mechanical Properties of Halogen-Containing Aromatic Polyamides. <i>Macromolecular Chemistry and Physics</i> , 2001 , 202, 3142-3148	2.6	22
93	A comparative analysis of flux limit models for ultrafiltration membranes. <i>Journal of Membrane Science</i> , 1995 , 108, 129-142	9.6	22
92	Preparation and gas separation properties of partially pyrolyzed membranes (PPMs) derived from copolyimides containing polyethylene oxide side chains. <i>Journal of Membrane Science</i> , 2012 , 409-410, 200-211	9.6	21
91	Polyisophthalamides with phenylthio pendent groups. <i>Journal of Polymer Science Part A</i> , 1992 , 30, 1327-1333	13.3	21
90	Thermally rearranged polybenzoxazoles made from poly(ortho-hydroxyamide)s. Characterization and evaluation as gas separation membranes. <i>Reactive and Functional Polymers</i> , 2018 , 127, 38-47	4.6	20
89	Thermal behavior of aliphatic-aromatic poly(ether-amide)s. <i>Journal of Applied Polymer Science</i> , 1998 , 67, 975-981	2.9	20
88	Thermal effect on polyethyleneoxide-containing copolyimide membranes for CO ₂ /N ₂ separation. <i>Desalination</i> , 2006 , 199, 188-190	10.3	20
87	Hydrophilic porous asymmetric ultrafiltration membranes of aramid-g-PEO copolymers. <i>Journal of Membrane Science</i> , 2014 , 454, 233-242	9.6	19
86	Thermotropic Aromatic Poly(amide-ether)s. <i>Macromolecular Chemistry and Physics</i> , 2001 , 202, 1298-1305	5.6	19
85	Aromatic polyamides with pendent heterocycles: 2. Benzoxazole groups. <i>Polymer</i> , 1994 , 35, 1317-1321	3.9	19
84	High-productivity gas separation membranes derived from pyromellitic dianhydride and nonlinear diamines. <i>Journal of Membrane Science</i> , 2016 , 501, 191-198	9.6	18
83	Effect of 3,5-diaminobenzoic acid content, casting solvent, and physical aging on gas permeation properties of copolyimides containing pendant acid groups. <i>Macromolecular Research</i> , 2011 , 19, 797-808	1.9	18

82	Miscibility and interactions in a mixture of poly(ethylene oxide) and an aromatic poly(ether amide). <i>Polymer</i> , 1998 , 39, 1035-1042	3.9	18
81	Stereospecificity in the Reaction of Tetrahydro- β -carbolone-3-carboxylic Acids with Isocyanates and Isothiocyanates. Kinetic vs Thermodynamic Control. <i>Journal of Organic Chemistry</i> , 1994 , 59, 1583-1585	4.2	18
80	Lc-polyimides. Thermotropic poly(ester-imide)s derived from N-(4-carboxyphenyl) trimellitimide and various diphenols. <i>European Polymer Journal</i> , 1992 , 28, 261-265	5.2	18
79	Kinetic study of the crosslinking reaction of flexible bismaleimides. <i>Polymer</i> , 1990 , 31, 1955-1959	3.9	18
78	Gas separation membranes made through thermal rearrangement of ortho-methoxypolyimides. <i>RSC Advances</i> , 2015 , 5, 102261-102276	3.7	17
77	Effect of pendent oxyethylene moieties on the properties of aromatic polyisophthalamides. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 4671-4683	2.5	17
76	Gas separation properties of new poly(aryl ether ketone)s with pendant groups. <i>Journal of Membrane Science</i> , 2002 , 205, 73-81	9.6	16
75	Conformational characteristics of phthalic acid based polyesters. <i>Macromolecules</i> , 1987 , 20, 1641-1645	5.5	16
74	Synthesis, characterization and studies of properties of six polyimides derived from two new aromatic diamines containing a central silicon atom. <i>European Polymer Journal</i> , 2017 , 91, 354-367	5.2	15
73	Novel Cobalt (II) Phthalocyanine-Containing Polyimides: Synthesis, Characterization, Thermal and Optical Properties. <i>Macromolecular Rapid Communications</i> , 2006 , 27, 1852-1858	4.8	15
72	LC-poly(ester-amide-imide)s derived from trimellitic acid and 4-aminobenzoic acid. <i>Polymer</i> , 1996 , 37, 3101-3109	3.9	15
71	Aromatic polyisophthalamides with oxybenzoyl pendent groups. <i>Journal of Polymer Science Part A</i> , 1986 , 24, 483-493	2.5	15
70	Soluble Polyimides from a New Dianhydride: 5?-tert-Butyl-m-terphenyl-3,4,3',4'-tetracarboxylic Acid Dianhydride. <i>Macromolecular Rapid Communications</i> , 2003 , 24, 686-691	4.8	14
69	Novel aromatic polyamides with 1,3-benzoxazole groups in the main chain. 1. Polymers derived from 2-(4-carboxyphenyl) benzoxazole-5- and 6-carboxylic acids. Synthesis and characterization. <i>Polymer</i> , 2001 , 42, 7933-7941	3.9	14
68	Copolyamide-imides of controlled microstructure. Effect of reaction conditions on regularity and properties. <i>European Polymer Journal</i> , 1983 , 19, 667-671	5.2	14
67	Crosslinkable polyamideimides. <i>Journal of Applied Polymer Science</i> , 1985 , 30, 61-69	2.9	14
66	Thermally Segregated Copolymers with PPO Blocks for Nitrogen Removal from Natural Gas. <i>Industrial & Engineering Chemistry Research</i> , 2013 , 52, 4312-4322	3.9	13
65	Comparative study of the behaviour of experimental polyamide UF membranes. The effect of polyvinylpyrrolidone used as an additive. <i>Journal of Membrane Science</i> , 1993 , 81, 31-42	9.6	13

64	Microwave-Induced Synthesis of Aromatic Polyamides by the Phosphorylation Reaction. <i>Australian Journal of Chemistry</i> , 2009 , 62, 250	1.2	12
63	Aromatic polyamides and polyimides derived from 3,3'-diaminobiphenyl: Synthesis, characterization, and molecular simulation study. <i>Journal of Polymer Science Part A</i> , 1999 , 37, 4646-4655 ^{2.5}	2.5	12
62	Blends of poly(ether imide) and an aromatic poly(ether amide): Phase behavior and CO ₂ transport properties. <i>Journal of Applied Polymer Science</i> , 1998 , 68, 2141-2149	2.9	11
61	Water vapor sorption and diffusion in sulfonated aromatic polyamides. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007 , 45, 2007-2014	2.6	11
60	Liquid-Crystalline Polyimides. 12. Fully Aromatic Thermotropic Poly(Ester-imide)s Derived from Diphenylether-3,3',4,4'-Tetracarboxylic Imide. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1995 , 32, 311-330	2.2	11
59	Liquid crystal polyimides: 17. thermotropic poly(ester imide)s based on trimellitimide and diamino oligoether spacers. <i>Polymer</i> , 1994 , 35, 5577-5585	3.9	11
58	Gas separation properties of aromatic polyimides with bulky groups. Comparison of experimental and simulated results. <i>Journal of Membrane Science</i> , 2020 , 602, 117959	9.6	10
57	Quantum semiempirical study on the reactivity of silylated diamines in the synthesis of aromatic polyamides. <i>Macromolecular Theory and Simulations</i> , 1998 , 7, 41-48	1.5	10
56	Polyisophthalamides with phenylsulfonyl pendent groups. <i>Journal of Polymer Science Part A</i> , 1993 , 31, 1383-1392	2.5	10
55	Ring-opening polymerization of 3-methyloxetane: NMR spectroscopy and configurational properties of the polymer. <i>Macromolecules</i> , 1984 , 17, 1431-1436	5.5	10
54	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	3.9	9
53	Porous Organic Polymers Containing Active Metal Centers for Suzuki-Miyaura Heterocoupling Reactions. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 56974-56986	9.5	9
52	Linear polyisophthalamides from the trifunctional monomer 5-hydroxyisophthalic acid. A convenient approach towards functionalized aromatic polymers. <i>European Polymer Journal</i> , 2011 , 47, 1054-1064	5.2	9
51	Aliphatic-aromatic poly(ether amide)s containing oxyethylene units. Synthesis and characterization. <i>Journal of Polymer Science Part A</i> , 1996 , 34, 659-667	2.5	9
50	Polyimides from 3,4:3',4'-m-terphenyltetracarboxylic dianhydride. Synthesis and characterization. <i>Macromolecular Rapid Communications</i> , 1994 , 15, 417-424	4.8	9
49	Polyisophthalamides with benzoyl pendent groups: Synthesis, characterization, and evaluation of properties. <i>Journal of Polymer Science Part A</i> , 1993 , 31, 1203-1210	2.5	9
48	Synthesis and characterization of imide end-capped oligomers of poly(diethyleneglycol terephthalate). <i>Journal of Applied Polymer Science</i> , 1989 , 38, 1745-1759	2.9	9
47	Curing reaction of diepoxyimides. A DSC study. <i>European Polymer Journal</i> , 1987 , 23, 961-965	5.2	9

46	Thermal degradation of crosslinked copolyimide membranes to obtain productive gas separation membranes. <i>Polymer Degradation and Stability</i> , 2013 , 98, 743-750	4.7	8
45	Synthesis and characterization of halogen-containing polyisophthalamides. <i>Macromolecular Chemistry and Physics</i> , 1997 , 198, 3293-3303	2.6	8
44	Relaxation behavior of aliphatic-aromatic poly(ether amide)s as revealed by dynamic mechanical and dielectric methods. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1997 , 35, 457-468	2.6	8
43	Polyisophthalamides with pendant phenyl groups. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1990 , 11, 471-476		8
42	Addition de n-butyle mercaptan sur des oligomeres polybutadienes fonctionnels. <i>European Polymer Journal</i> , 1980 , 16, 1031-1036	5.2	8
41	Permeability and selectivity of 6FDA-6FpDA gas membranes prepared from different solvents. <i>Desalination</i> , 2006 , 200, 225-226	10.3	7
40	Ammonia sensitivity of Pt/GaAs Schottky barrier diodes. Improvement of the sensor with an organic layer. <i>Sensors and Actuators B: Chemical</i> , 1992 , 8, 249-252	8.5	7
39	Gas Transport Coefficients of Phthalide-Containing High-Tg Glassy Polymers Determined by Gas-Flux and NMR Measurements. <i>Macromolecules</i> , 2015 , 48, 2585-2592	5.5	6
38	Layer structures: 7. Thermotropic poly(ester-imide)s based on trimellitic anhydride and branched diamino alkane spacers. <i>Polymer</i> , 1997 , 38, 5677-5683	3.9	6
37	Monomer Reactivity and Steric Factors affecting the Synthesis of Aromatic Polyamides. <i>High Performance Polymers</i> , 2007 , 19, 592-602	1.6	6
36	Synthesis and characterization of halogen-containing poly(ether ketone ketone)s. <i>Journal of Polymer Science Part A</i> , 2002 , 40, 2601-2608	2.5	6
35	Quantum semiempirical studies on the formation of aromatic polyamides, 1. Effect of structural parameters of diamines on the polyamidation reaction. <i>Die Makromolekulare Chemie Theory and Simulations</i> , 1993 , 2, 815-827		6
34	Poly(m-phenylene isophthalamides)-containing nitro groups. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1984 , 22, 1531-1533		6
33	Electrical Properties of Modified Aromatic Polyamide Membranes. <i>Separation Science and Technology</i> , 1997 , 32, 2189-2199	2.5	5
32	Dielectric relaxation studies of aromatic polyamides. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1997 , 35, 919-927	2.6	5
31	Synthesis and properties evaluation of novel halogenated polyimides designed to prepare functional polymers. <i>Polymer</i> , 2005 , 46, 11247-11254	3.9	5
30	Relaxation behavior in model compounds of poly(aryl-ether-ketone-ketone) as revealed by dielectric spectroscopy. <i>Journal of Chemical Physics</i> , 1999 , 110, 10134-10140	3.9	5
29	Polyisophthalamides with pendent heterocyclic groups: 3. Pyridine pendent groups. <i>Polymer</i> , 1995 , 36, 1113-1116	3.9	5

28	Synthesis and characterization of novel poly(amide imide)s. <i>Journal of Applied Polymer Science</i> , 1996 , 61, 923-928	2.9	5
27	Configurational properties of polyesters with cyclohexane rings incorporated in the main chain. <i>Macromolecules</i> , 1985 , 18, 1583-1587	5.5	5
26	Aromatic poly(ether ether ketone)s capable of crosslinking via UV irradiation to improve gas separation performance. <i>RSC Advances</i> , 2017 , 7, 55371-55381	3.7	4
25	Dielectric relaxation of LC-thermotropic poly(ester imide)s. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1997 , 35, 203-212	2.6	4
24	Study of oligo(aryl ether ketone)s as models for aromatic polyketones. <i>Macromolecular Chemistry and Physics</i> , 2000 , 201, 427-434	2.6	4
23	Novel polyimides with p-nitrophenyl pendant groups. Synthesis and characterization. <i>Journal of Polymer Science Part A</i> , 1999 , 37, 3377-3384	2.5	4
22	Cross-linkable polyester imides. <i>British Polymer Journal</i> , 1987 , 19, 453-458		4
21	Highly Permeable Mixed Matrix Membranes of Thermally Rearranged Polymers and Porous Polymer Networks for Gas Separations. <i>ACS Applied Polymer Materials</i> ,	4.3	4
20	Preparation and properties of catalyzed polyimide/dicyanate semi-interpenetrating networks for polymer gas membrane with suppressed CO ₂ -plasticization. <i>Journal of Applied Polymer Science</i> , 2012 , 124, 713-722	2.9	3
19	Synthesis of novel polyaryl(ether ketone)s with tert-butyl pendent groups. <i>Journal of Polymer Science Part A</i> , 1998 , 36, 1251-1256	2.5	3
18	Rheological features of thermotropic and isotropic poly(ester imide)s. <i>Polymer</i> , 1995 , 36, 1683-1687	3.9	3
17	Comblike polymers with long n-alkyl side chains: A route to the gamma transition of polyethylene. <i>Journal of Macromolecular Science - Physics</i> , 1980 , 18, 625-636	1.4	3
16	Molecular structure-dynamics relationships in glassy poly(isophthalamide)s as revealed by wide angle x-ray scattering, dielectric loss spectroscopy, and molecular modelling. <i>Journal of Chemical Physics</i> , 2004 , 120, 8815-23	3.9	2
15	Synthesis and characterization of imide end-capped oligoesters of terephthalic acid and 2-methyl-2-propyl-1,3-propanediol. <i>Journal of Applied Polymer Science</i> , 1990 , 41, 163-176	2.9	2
14	Crosslinkable copolyisophthalamides. <i>Angewandte Makromolekulare Chemie</i> , 1986 , 139, 113-122		2
13	Conformational characteristics of aromatic polyesters: Comparative study of the polarity of poly(propyleneglycol terephthalate) and poly(ethyleneglycol terephthalate). <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1987 , 25, 2403-2407	2.6	2
12	Polyiminopyridines based networks as supports to heterogenize iron(II) complexes. Application as efficient and selective ecofriendly catalysts.. <i>ChemistrySelect</i> , 2016 , 1, 396-402	1.8	2
11	Pluronic-assisted hydrothermal synthesis of microporous polyimides. Application as supports for heterogenized transition metal catalysts. <i>Microporous and Mesoporous Materials</i> , 2017 , 239, 287-295	5.3	1

10	Quantum semiempirical study of the reactivity of monomers in the synthesis of aromatic polyamides and polyimides. <i>Macromolecular Symposia</i> , 1997 , 122, 197-202	0.8	1
9	The relationship between nonexponential relaxation and molecular stiffness in aromatic model compounds. <i>Journal of Chemical Physics</i> , 2000 , 112, 5254-5256	3.9	1
8	Polarity and Conformational Characteristics of Semialiphatic Poly(imide-ester)s. <i>Macromolecules</i> , 1998 , 31, 1972-1978	5.5	1
7	Semi-interpenetrating polymer networks of maleimide end-capped oligoesters. <i>Polymer</i> , 1991 , 32, 2210-2214	3.9	1
6	Synthesis, polymerization and copolymerization of N-(2-acryloyloxyethyl)phthalimide. <i>Polymer</i> , 1992 , 33, 1090-1095	3.9	1
5	Curing of nadimide end-capped oligoesters. <i>European Polymer Journal</i> , 1990 , 26, 763-766	5.2	1
4	Fully aromatic poly(ether-esters). <i>Journal of Polymer Science, Polymer Letters Edition</i> , 1988 , 26, 313-317		1
3	Aliphatic-aromatic polyamide-imides from diisocyanates, 3. Additional information derived from high field ¹ H NMR spectra. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1982 , 3, 505-508		1
2	Gas separation membranes obtained by partial pyrolysis of polyimides exhibiting polyethylene oxide moieties. <i>Polymer</i> , 2022 , 247, 124789	3.9	1
1	Linear polyesters of diethylene glycol with cis- and trans-4-cyclohexene-1,2-dicarboxylic acid. Synthesis, characterization and NMR structural study. <i>European Polymer Journal</i> , 1993 , 29, 1345-1350	5.2	