

Jose G De La Campa

List of Publications by Year in descending order

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156
papers

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Free-Radical Copolymerizations of N-Phenyl Maleimide. <i>Journal of Macromolecular Science Part A, Chemistry</i> , 1977, 11, 267-286.	0.4	161
2	Gas separation properties of aromatic polyimides. <i>Journal of Membrane Science</i> , 2003, 215, 61-73.	4.1	108
3	Synthesis and characterization of novel polyimides with bulky pendant groups. <i>Journal of Polymer Science Part A</i> , 1999, 37, 805-814.	2.5	106
4	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	88
5	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.	4.1	86
6	New liquid absorbents for the removal of CO ₂ from gas mixtures. <i>Energy and Environmental Science</i> , 2009, 2, 883.	15.6	83
7	Thermally rearranged polybenzoxazoles membranes with biphenyl moieties: Monomer isomeric effect. <i>Journal of Membrane Science</i> , 2014, 450, 369-379.	4.1	80
8	Effect of substituents on the permeation properties of polyamide membranes. <i>Journal of Membrane Science</i> , 2006, 280, 659-665.	4.1	76
9	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	72
10	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.	4.1	68
11	Gas separation properties of aromatic polyamides containing hexafluoroisopropylidene groups. <i>Journal of Membrane Science</i> , 1995, 104, 231-241.	4.1	66
12	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	66
13	LC-polyimides: 5. Poly(ester-imide)s derived from N-(4-carboxyphenyl) trimellitimide and 1,3-dihydroxyalkanes. <i>Polymer</i> , 1991, 32, 942-949.	1.8	64
14	Title is missing!. <i>Die Makromolekulare Chemie</i> , 1990, 191, 537-547.	1.1	62
15	Synthesis and characterization of aromatic polyamides containing alkylphthalimido pendent groups. <i>Journal of Polymer Science Part A</i> , 2002, 40, 3711-3724.	2.5	61
16	Synthesis, Characterization, and Gas Separation Properties of Novel Copolyimides Containing Adamantyl Ester Pendant Groups. <i>Macromolecules</i> , 2011, 44, 2780-2790.	2.2	58
17	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.	2.2	57
18	Palladium-heterogenized porous polyimide materials as effective and recyclable catalysts for reactions in water. <i>Green Chemistry</i> , 2015, 17, 466-473.	4.6	56

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19	Aromatic polyisophthalamides with iminobenzoyl pendant groups. <i>European Polymer Journal</i> , 1985, 21, 1013-1019.	2.6	54
20	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.	4.1	54
21	Gas separation properties of aromatic polyamides with sulfone groups. <i>Polymer</i> , 1995, 36, 793-800.	1.8	53
22	Novel Aromatic Polyimides Derived from 5- <i>t</i> -Butyl-2-pivaloylimino-3,4,3'- <i>m</i> -terphenyltetracarboxylic Dianhydride with Potential Application on Gas Separation Processes. <i>Macromolecules</i> , 2010, 43, 2268-2275.	2.2	50
23	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.	2.7	48
24	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.	4.1	46
25	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	45
26	Experimental and Theoretical Study of an Improved Activated Polycondensation Method for Aromatic Polyimides. <i>Macromolecules</i> , 2007, 40, 8225-8232.	2.2	45
27	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
28	Soluble Polyamides and Polyimides Functionalized with Benzo-15-Crown-5-Pendant Groups. <i>Macromolecular Rapid Communications</i> , 2004, 25, 592-597.	2.0	42
29	Gas separation properties of pendent phenyl substituted aromatic polyamides containing sulfone and hexafluoroisopropylidene groups. <i>Polymer</i> , 1999, 40, 5715-5722.	1.8	41
30	Microporous Polymer Networks for Carbon Capture Applications. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 26195-26205.	4.0	41
31	Sulfonated polynaphthalimides with benzimidazole pendant groups. <i>Polymer</i> , 2008, 49, 3875-3883.	1.8	40
32	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.	4.1	40
33	Synthesis of Aromatic Polyisophthalamides by in Situ Silylation of Aromatic Diamines. <i>Macromolecules</i> , 1997, 30, 2507-2508.	2.2	37
34	Designing aromatic polyamides and polyimides for gas separation membranes. <i>Macromolecular Symposia</i> , 2003, 199, 293-306.	0.4	36
35	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.	4.1	36
36	New aromatic polyamides and polyimides having an adamantane bulky group. <i>Materials Today Communications</i> , 2015, 5, 23-31.	0.9	36

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37	Thermally Rearranged Polybenzoxazoles Containing Bulky Adamantyl Groups from Ortho-Substituted Precursor Copolyimides. <i>Macromolecules</i> , 2018, 51, 1605-1619.	2.2	36
38	Polyisophthalamides with phenoxy pendant groups. <i>Polymer</i> , 1988, 29, 1142-1145.	1.8	35
39	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.	2.2	35
40	Thermally stable polymers: Novel aromatic polyamides. <i>Advanced Materials</i> , 1995, 7, 148-151.	11.1	35
41	Determination of some electrical parameters for two novel aliphatic-aromatic polyamide membranes. <i>Journal of Membrane Science</i> , 1996, 114, 51-57.	4.1	35
42	First Pre-Functionalised Polymeric Aromatic Framework from Mononitrotetrakis(iodophenyl)methane and its Applications. <i>Chemistry - A European Journal</i> , 2014, 20, 5111-5120.	1.7	35
43	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.	4.1	35
44	Effect of sodium hypochlorite exposure on polysulfone recycled UF membranes and their surface characterization. <i>Polymer Degradation and Stability</i> , 2018, 150, 46-56.	2.7	35
45	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.	4.1	34
46	Novel efficient catalysts based on imine-linked mesoporous polymers for hydrogenation and cyclopropanation reactions. <i>Journal of Materials Chemistry</i> , 2012, 22, 24637.	6.7	34
47	Aromatic polyamides with benzothiazole pendent groups: synthesis, nuclear magnetic resonance structural study and evaluation of properties. <i>Polymer</i> , 1994, 35, 872-877.	1.8	33
48	An Improved Method for Preparing Very High Molecular Weight Polyimides. <i>Macromolecules</i> , 2009, 42, 5892-5894.	2.2	33
49	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.	2.0	29
50	Crosslinkable polyamide-imides. <i>Journal of Applied Polymer Science</i> , 1985, 30, 61-69.	1.3	28
51	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
52	Synthesis and characterization of aliphatic-aromatic poly(ether amide)s. <i>Macromolecular Chemistry and Physics</i> , 1997, 198, 727-737.	1.1	28
53	Gas separation properties of mixed-matrix membranes containing porous polyimides fillers. <i>Journal of Membrane Science</i> , 2013, 447, 403-412.	4.1	28
54	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	27

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55	Gas separation properties of aromatic polyimides with bulky groups. Comparison of experimental and simulated results. <i>Journal of Membrane Science</i> , 2020, 602, 117959.	4.1	26
56	Polyisophthalamides with phenylthio pendent groups. <i>Journal of Polymer Science Part A</i> , 1992, 30, 1327-1333.	2.5	25
57	Lc-polyimides ⁶ . Thermotropic poly(ester-imide)s derived from N-(4-carboxyphenyl) trimellitimide and various diphenols. <i>European Polymer Journal</i> , 1992, 28, 261-265.	2.6	25
58	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	25
59	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
60	Thin-film polyimide/indium tin oxide composites for photovoltaic applications. <i>Journal of Applied Polymer Science</i> , 2007, 103, 3491-3497.	1.3	25
61	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.	2.6	25
62	High-productivity gas separation membranes derived from pyromellitic dianhydride and nonlinear diamines. <i>Journal of Membrane Science</i> , 2016, 501, 191-198.	4.1	25
63	Thermal and Mechanical Properties of Halogen-Containing Aromatic Polyamides. <i>Macromolecular Chemistry and Physics</i> , 2001, 202, 3142-3148.	1.1	24
64	Synthesis and Properties of Novel Polyimides Bearing Sulfonated Benzimidazole Pendant Groups. <i>Macromolecular Rapid Communications</i> , 2007, 28, 616-622.	2.0	24
65	Synthesis and evaluation of properties of novel poly(benzimidazole ⁶ amide)s. <i>Journal of Polymer Science Part A</i> , 2008, 46, 7566-7577.	2.5	24
66	Aromatic polyisophthalamides with oxybenzoyl pendent groups. <i>Journal of Polymer Science Part A</i> , 1986, 24, 483-493.	2.5	23
67	A comparative analysis of flux limit models for ultrafiltration membranes. <i>Journal of Membrane Science</i> , 1995, 108, 129-142.	4.1	23
68	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.	4.1	23
69	Porous Organic Polymers Containing Active Metal Centers for Suzuki ⁶ Miyaura Heterocoupling Reactions. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56974-56986.	4.0	23
70	Kinetic study of the crosslinking reaction of flexible bismaleimides. <i>Polymer</i> , 1990, 31, 1955-1959.	1.8	22
71	Thermal effect on polyethyleneoxide-containing copolyimide membranes for CO ₂ /N ₂ separation. <i>Desalination</i> , 2006, 199, 188-190.	4.0	22
72	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

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73	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
74	Conformational characteristics of phthalic acid based polyesters. <i>Macromolecules</i> , 1987, 20, 1641-1645.	2.2	21
75	Aromatic polyamides with pendent heterocycles: 2. Benzoxazole groups. <i>Polymer</i> , 1994, 35, 1317-1321.	1.8	21
76	Stereospecificity in the Reaction of Tetrahydro- β -carboline-3-carboxylic Acids with Isocyanates and Isothiocyanates. Kinetic vs Thermodynamic Control. <i>Journal of Organic Chemistry</i> , 1994, 59, 1583-1585.	1.7	21
77	Thermotropic Aromatic Poly(amide-ether)s. <i>Macromolecular Chemistry and Physics</i> , 2001, 202, 1298-1305.	1.1	21
78	Gas separation membranes made through thermal rearrangement of ortho-methoxypolyimides. <i>RSC Advances</i> , 2015, 5, 102261-102276.	1.7	21
79	Thermal behavior of aliphatic-aromatic poly(ether-amide)s. <i>Journal of Applied Polymer Science</i> , 1998, 67, 975-981.	1.3	20
80	Hydrophilic porous asymmetric ultrafiltration membranes of aramid-g-PEO copolymers. <i>Journal of Membrane Science</i> , 2014, 454, 233-242.	4.1	20
81	Miscibility and interactions in a mixture of poly(ethylene oxide) and an aromatic poly(ether amide). <i>Polymer</i> , 1998, 39, 1035-1042.	1.8	19
82	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	19
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.	1.0	18
84	Copolyamide-imides of controlled microstructure. Effect of reaction conditions on regularity and properties. <i>European Polymer Journal</i> , 1983, 19, 667-671.	2.6	17
85	Novel Cobalt (II) Phthalocyanine-Containing Polyimides: Synthesis, Characterization, Thermal and Optical Properties. <i>Macromolecular Rapid Communications</i> , 2006, 27, 1852-1858.	2.0	17
86	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.	2.6	17
87	Liquid crystal polyimides: 17. thermotropic poly(ester imide)s based on trimellitimide and diamino oligoether spacers. <i>Polymer</i> , 1994, 35, 5577-5585.	1.8	16
88	Gas separation properties of new poly(aryl ether ketone)s with pendant groups. <i>Journal of Membrane Science</i> , 2002, 205, 73-81.	4.1	16
89	Thermally Segregated Copolymers with PPO Blocks for Nitrogen Removal from Natural Gas. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 4312-4322.	1.8	16
90	Ring-opening polymerization of 3-methyloxetane: NMR spectroscopy and configurational properties of the polymer. <i>Macromolecules</i> , 1984, 17, 1431-1436.	2.2	15

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91	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.	4.1	15
92	LC-poly(ester-amide-imide)s derived from trimellitic acid and 4-aminobenzoic acid. <i>Polymer</i> , 1996, 37, 3101-3109.	1.8	15
93	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.	0.6	14
94	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.	1.8	14
95	Soluble Polyimides from a New Dianhydride: 5- <i>tert</i> -Butyl- <i>m</i> -terphenyl-3,4,3',4'-tetracarboxylic Acid Dianhydride. <i>Macromolecular Rapid Communications</i> , 2003, 24, 686-691.	2.0	14
96	Microwave-Induced Synthesis of Aromatic Polyamides by the Phosphorylation Reaction. <i>Australian Journal of Chemistry</i> , 2009, 62, 250.	0.5	14
97	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
98	Curing reaction of diepoxyimides. A DSC study. <i>European Polymer Journal</i> , 1987, 23, 961-965.	2.6	13
99	Synthesis and characterization of imide end-capped oligomers of poly(diethyleneglycol terephthalate). <i>Journal of Applied Polymer Science</i> , 1989, 38, 1745-1759.	1.3	13
100	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.	1.2	13
101	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	13
102	Polyisophthalamides with pendant phenyl groups. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1990, 11, 471-476.	1.1	12
103	Polyisophthalamides with phenylsulfonyl pendent groups. <i>Journal of Polymer Science Part A</i> , 1993, 31, 1383-1392.	2.5	11
104	Polyimides from 3,4,4'- <i>m</i> -terphenyltetracarboxylic dianhydride. Synthesis and characterization. <i>Macromolecular Rapid Communications</i> , 1994, 15, 417-424.	2.0	11
105	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.	1.3	11
106	Water vapor sorption and diffusion in sulfonated aromatic polyamides. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2007, 45, 2007-2014.	2.4	11
107	Configurational properties of polyesters with cyclohexane rings incorporated in the main chain. <i>Macromolecules</i> , 1985, 18, 1583-1587.	2.2	10
108	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	10

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109	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	10
110	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.	2.6	10
111	Thermal degradation of crosslinked copolyimide membranes to obtain productive gas separation membranes. <i>Polymer Degradation and Stability</i> , 2013, 98, 743-750.	2.7	10
112	Aromatic poly(ether ether ketone)s capable of crosslinking <i>via</i> UV irradiation to improve gas separation performance. <i>RSC Advances</i> , 2017, 7, 55371-55381.	1.7	10
113	Poly(m-phenylene isophthalamides)-containing nitro groups. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , 1984, 22, 1531-1533.	0.8	9
114	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.	4.0	9
115	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.	2.4	9
116	Permeability and selectivity of 6FDA-6FpDA gas membranes prepared from different solvents. <i>Desalination</i> , 2006, 200, 225-226.	4.0	9
117	Synthesis and characterization of halogen-containing polyisophthalamides. <i>Macromolecular Chemistry and Physics</i> , 1997, 198, 3293-3303.	1.1	8
118	Gas Transport Coefficients of Phthalide-Containing High-Tg Glassy Polymers Determined by Gas-Flux and NMR Measurements. <i>Macromolecules</i> , 2015, 48, 2585-2592.	2.2	8
119	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.	1.0	7
120	Polyisophthalamides with pendent heterocyclic groups: 3. Pyridine pendent groups. <i>Polymer</i> , 1995, 36, 1113-1116.	1.8	7
121	Monomer Reactivity and Steric Factors affecting the Synthesis of Aromatic Polyamides. <i>High Performance Polymers</i> , 2007, 19, 592-602.	0.8	7
122	Crosslinkable polyester imides. <i>British Polymer Journal</i> , 1987, 19, 453-458.	0.7	6
123	Layer structures: 7. Thermotropic poly(ester-imide)s based on trimellitic anhydride and branched diamino alkane spacers. <i>Polymer</i> , 1997, 38, 5677-5683.	1.8	6
124	Dielectric relaxation studies of aromatic polyamides. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1997, 35, 919-927.	2.4	6
125	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
126	Synthesis and properties evaluation of novel halogenated polyimides designed to prepare functional polymers. <i>Polymer</i> , 2005, 46, 11247-11254.	1.8	6

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127	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.	0.4	5
128	Crosslinkable copolyisophthalamides. <i>Angewandte Makromolekulare Chemie</i> , 1986, 139, 113-122.	0.3	5
129	Synthesis and characterization of novel poly(amide imide)s. <i>Journal of Applied Polymer Science</i> , 1996, 61, 923-928.	1.3	5
130	Electrical Properties of Modified Aromatic Polyamide Membranes. <i>Separation Science and Technology</i> , 1997, 32, 2189-2199.	1.3	5
131	Synthesis of novel polyaryl(ether-ketones) with tert-butyl pendent groups. <i>Journal of Polymer Science Part A</i> , 1998, 36, 1251-1256.	2.5	5
132	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.	1.2	5
133	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.	2.4	4
134	Birefringence, thermoelastic, and dielectric studies on cycloaliphatic polyesters. <i>Macromolecules</i> , 1988, 21, 2128-2132.	2.2	4
135	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.	1.3	4
136	Rheological features of thermotropic and isotropic poly(ester imide)s. <i>Polymer</i> , 1995, 36, 1683-1687.	1.8	4
137	Dielectric relaxation of LC-thermotropic poly(ester imide)s. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 1997, 35, 203-212.	2.4	4
138	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
139	Study of oligo(aryl ether ketone)s as models for aromatic polyketones. <i>Macromolecular Chemistry and Physics</i> , 2000, 201, 427-434.	1.1	4
140	Gas separation membranes obtained by partial pyrolysis of polyimides exhibiting polyethylene oxide moieties. <i>Polymer</i> , 2022, 247, 124789.	1.8	4
141	Title is missing!. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1982, 3, 505-508.	1.1	3
142	Fully aromatic poly(ether-esters). <i>Journal of Polymer Science, Polymer Letters Edition</i> , 1988, 26, 313-317.	0.4	3
143	Synthesis, polymerization and copolymerization of N-(2-acryloyloxyethyl)phthalimide. <i>Polymer</i> , 1992, 33, 1090-1095.	1.8	3
144	Quantum semiempirical study of the reactivity of monomers in the synthesis of aromatic polyamides and polyimides. <i>Macromolecular Symposia</i> , 1997, 122, 197-202.	0.4	3

#	ARTICLE	IF	CITATIONS
145	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.	1.3	3
146	Ring-opening polymerization of 2-methyloxetane: NMR spectroscopy and configurational and dielectric properties of the polymer. <i>Macromolecules</i> , 1984, 17, 1891-1895.	2.2	2
147	Semi-interpenetrating polymer networks of maleimide end-capped oligoesters. <i>Polymer</i> , 1991, 32, 2210-2214.	1.8	2
148	Polarity and Conformational Characteristics of Semialiphatic Poly(imide-ester)s. <i>Macromolecules</i> , 1998, 31, 1972-1978.	2.2	2
149	The relationship between nonexponential relaxation and molecular stiffness in aromatic model compounds. <i>Journal of Chemical Physics</i> , 2000, 112, 5254-5256.	1.2	2
150	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, 8815-8823.	1.2	2
151	Polyiminopyridines based networks as supports to heterogenize iron(II) complexes. Application as efficient and selective ecofriendly catalysts.. <i>ChemistrySelect</i> , 2016, 1, 396-402.	0.7	2
152	Curing of nadimide end-capped oligoesters. <i>European Polymer Journal</i> , 1990, 26, 763-766.	2.6	1
153	Conformational studies on model compounds of polyamides with ether groups in their structure. <i>The Journal of Physical Chemistry</i> , 1993, 97, 8669-8674.	2.9	1
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