

# Jose G De La Campa

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

153  
papers

3,400  
citations

32  
h-index

47  
g-index

159  
ext. papers

3,640  
ext. citations

5  
avg, IF

4.84  
L-index

#	Paper	IF	Citations
153	Gas separation membranes obtained by partial pyrolysis of polyimides exhibiting polyethylene oxide moieties. <i>Polymer</i> , <b>2022</b> , 247, 124789	3.9	1
152	Porous Organic Polymers Containing Active Metal Centers for Suzuki-Miyaura Heterocoupling Reactions. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 56974-56986	9.5	9
151	Gas separation properties of aromatic polyimides with bulky groups. Comparison of experimental and simulated results. <i>Journal of Membrane Science</i> , <b>2020</b> , 602, 117959	9.6	10
150	New Materials for Gas Separation Applications: Mixed Matrix Membranes Made from Linear Polyimides and Porous Polymer Networks Having Lactam Groups. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2019</b> , 58, 9585-9595	3.9	9
149	Thermally rearranged polybenzoxazoles made from poly(ortho-hydroxyamide)s. Characterization and evaluation as gas separation membranes. <i>Reactive and Functional Polymers</i> , <b>2018</b> , 127, 38-47	4.6	20
148	Effect of sodium hypochlorite exposure on polysulfone recycled UF membranes and their surface characterization. <i>Polymer Degradation and Stability</i> , <b>2018</b> , 150, 46-56	4.7	23
147	Thermally Rearranged Polybenzoxazoles Containing Bulky Adamantyl Groups from Ortho-Substituted Precursor Copolyimides. <i>Macromolecules</i> , <b>2018</b> , 51, 1605-1619	5.5	25
146	Microporous Polymer Networks for Carbon Capture Applications. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 26195-26205	9.5	22
145	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> , <b>2017</b> , 91, 354-367	5.2	15
144	Aromatic poly(ether ether ketone)s capable of crosslinking via UV irradiation to improve gas separation performance. <i>RSC Advances</i> , <b>2017</b> , 7, 55371-55381	3.7	4
143	Pluronic-assisted hydrothermal synthesis of microporous polyimides. Application as supports for heterogenized transition metal catalysts. <i>Microporous and Mesoporous Materials</i> , <b>2017</b> , 239, 287-295	5.3	1
142	High-productivity gas separation membranes derived from pyromellitic dianhydride and nonlinear diamines. <i>Journal of Membrane Science</i> , <b>2016</b> , 501, 191-198	9.6	18
141	Polyiminopyridines based networks as supports to heterogenize iron(II) complexes. Application as efficient and selective ecofriendly catalysts.. <i>ChemistrySelect</i> , <b>2016</b> , 1, 396-402	1.8	2
140	Gas Transport Coefficients of Phthalide-Containing High-Tg Glassy Polymers Determined by Gas-Flux and NMR Measurements. <i>Macromolecules</i> , <b>2015</b> , 48, 2585-2592	5.5	6
139	New aromatic polyamides and polyimides having an adamantane bulky group. <i>Materials Today Communications</i> , <b>2015</b> , 5, 23-31	2.5	29
138	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> , <b>2015</b> , 493, 329-339	9.6	31
137	Palladium-heterogenized porous polyimide materials as effective and recyclable catalysts for reactions in water. <i>Green Chemistry</i> , <b>2015</b> , 17, 466-473	10	50

136	Gas separation membranes made through thermal rearrangement of ortho-methoxypolyimides. <i>RSC Advances</i> , <b>2015</b> , 5, 102261-102276	3.7	17
135	Gas transport properties of new aromatic polyimides based on 3,8-diphenylpyrene-1,2,6,7-tetracarboxylic dianhydride. <i>Journal of Membrane Science</i> , <b>2015</b> , 476, 442-448 <sup>9.6</sup>	9.6	33
134	Hydrophilic porous asymmetric ultrafiltration membranes of aramid-g-PEO copolymers. <i>Journal of Membrane Science</i> , <b>2014</b> , 454, 233-242	9.6	19
133	First pre-functionalised polymeric aromatic framework from mononitrotetrakis(iodophenyl)methane and its applications. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 5111-20	4.8	30
132	Thermally rearranged polybenzoxazoles membranes with biphenyl moieties: Monomer isomeric effect. <i>Journal of Membrane Science</i> , <b>2014</b> , 450, 369-379	9.6	64
131	Gas separation properties of mixed-matrix membranes containing porous polyimides fillers. <i>Journal of Membrane Science</i> , <b>2013</b> , 447, 403-412	9.6	24
130	Local chain mobility dependence on molecular structure in polyimides with bulky side groups: Correlation with gas separation properties. <i>Journal of Membrane Science</i> , <b>2013</b> , 434, 121-129	9.6	42
129	Thermal degradation of crosslinked copolyimide membranes to obtain productive gas separation membranes. <i>Polymer Degradation and Stability</i> , <b>2013</b> , 98, 743-750	4.7	8
128	Thermally Segregated Copolymers with PPO Blocks for Nitrogen Removal from Natural Gas. <i>Industrial &amp; Engineering Chemistry Research</i> , <b>2013</b> , 52, 4312-4322	3.9	13
127	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> , <b>2012</b> , 387-388, 54-65	9.6	32
126	Preparation and gas separation properties of partially pyrolyzed membranes (PPMs) derived from copolyimides containing polyethylene oxide side chains. <i>Journal of Membrane Science</i> , <b>2012</b> , 409-410, 200-211	9.6	21
125	Preparation and properties of catalyzed polyimide/dicyanate semi-interpenetrating networks for polymer gas membrane with suppressed CO <sub>2</sub> -plasticization. <i>Journal of Applied Polymer Science</i> , <b>2012</b> , 124, 713-722	2.9	3
124	Novel efficient catalysts based on imine-linked mesoporous polymers for hydrogenation and cyclopropanation reactions. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 24637		28
123	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> , <b>2011</b> , 19, 797-808 <sup>1.9</sup>		18
122	Synthesis, Characterization, and Gas Separation Properties of Novel Copolyimides Containing Adamantyl Ester Pendant Groups. <i>Macromolecules</i> , <b>2011</b> , 44, 2780-2790	5.5	52
121	Linear polyisophthalamides from the trifunctional monomer 5-hydroxyisophthalic acid. A convenient approach towards functionalized aromatic polymers. <i>European Polymer Journal</i> , <b>2011</b> , 47, 1054-1064	5.2	9
120	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> , <b>2010</b> , 43, 2268-2275	5.5	50
119	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> , <b>2010</b> , 365, 145-153	9.6	72

118	Partially pyrolyzed membranes (PPMs) derived from copolyimides having carboxylic acid groups. Preparation and gas transport properties. <i>Journal of Membrane Science</i> , <b>2010</b> , 349, 385-392	9.6	30
117	Physical properties of films made of copoly(ether-imide)s with long poly(ethylene oxide) segments. <i>European Polymer Journal</i> , <b>2010</b> , 46, 2352-2364	5.2	22
116	Synthesis and properties of new aromatic polyisophthalamides with adamantylamide pendent groups. <i>Journal of Polymer Science Part A</i> , <b>2010</b> , 48, 1743-1751	2.5	45
115	An Improved Method for Preparing Very High Molecular Weight Polyimides. <i>Macromolecules</i> , <b>2009</b> , 42, 5892-5894	5.5	29
114	New liquid absorbents for the removal of CO <sub>2</sub> from gas mixtures. <i>Energy and Environmental Science</i> , <b>2009</b> , 2, 883	35.4	78
113	Microwave-Induced Synthesis of Aromatic Polyamides by the Phosphorylation Reaction. <i>Australian Journal of Chemistry</i> , <b>2009</b> , 62, 250	1.2	12
112	Fluorenyl cardo copolyimides containing poly(ethylene oxide) segments: Synthesis, characterization, and evaluation of properties. <i>Journal of Polymer Science Part A</i> , <b>2008</b> , 46, 8170-8178	2.5	22
111	Sulfonated polynaphthalimides with benzimidazole pendant groups. <i>Polymer</i> , <b>2008</b> , 49, 3875-3883	3.9	38
110	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> , <b>2008</b> , 323, 53-59	9.6	47
109	Synthesis and evaluation of properties of novel poly(benzimidazole-amide)s. <i>Journal of Polymer Science Part A</i> , <b>2008</b> , 46, 7566-7577	2.5	23
108	Experimental and Theoretical Study of an Improved Activated Polycondensation Method for Aromatic Polyimides. <i>Macromolecules</i> , <b>2007</b> , 40, 8225-8232	5.5	34
107	Thin-film polyimide/indium tin oxide composites for photovoltaic applications. <i>Journal of Applied Polymer Science</i> , <b>2007</b> , 103, 3491-3497	2.9	23
106	Synthesis and Properties of Novel Polyimides Bearing Sulfonated Benzimidazole Pendant Groups. <i>Macromolecular Rapid Communications</i> , <b>2007</b> , 28, 616-622	4.8	22
105	Gas separation of 6FDA/FPDA membranes Effect of the solvent on polymer surfaces and permselectivity. <i>Journal of Membrane Science</i> , <b>2007</b> , 293, 22-28	9.6	60
104	Chemical modification of copolyimides with bulky pendent groups: Effect of modification on solubility and thermal stability. <i>Polymer Degradation and Stability</i> , <b>2007</b> , 92, 2294-2299	4.7	39
103	Effect of pendent oxyethylene moieties on the properties of aromatic polyisophthalamides. <i>Journal of Polymer Science Part A</i> , <b>2007</b> , 45, 4671-4683	2.5	17
102	Water vapor sorption and diffusion in sulfonated aromatic polyamides. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>2007</b> , 45, 2007-2014	2.6	11
101	Monomer Reactivity and Steric Factors affecting the Synthesis of Aromatic Polyamides. <i>High Performance Polymers</i> , <b>2007</b> , 19, 592-602	1.6	6

100	Effect of substituents on the permeation properties of polyamide membranes. <i>Journal of Membrane Science</i> , <b>2006</b> , 280, 659-665	9.6	70
99	Novel Cobalt (II) Phthalocyanine-Containing Polyimides: Synthesis, Characterization, Thermal and Optical Properties. <i>Macromolecular Rapid Communications</i> , <b>2006</b> , 27, 1852-1858	4.8	15
98	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> , <b>2006</b> , 44, 4063-4075	2.5	25
97	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> , <b>2006</b> , 44, 1414-1423	2.5	25
96	Thermal effect on polyethyleneoxide-containing copolyimide membranes for CO <sub>2</sub> /N <sub>2</sub> separation. <i>Desalination</i> , <b>2006</b> , 199, 188-190	10.3	20
95	Permeability and selectivity of 6FDA-6FpDA gas membranes prepared from different solvents. <i>Desalination</i> , <b>2006</b> , 200, 225-226	10.3	7
94	Synthesis and properties evaluation of novel halogenated polyimides designed to prepare functional polymers. <i>Polymer</i> , <b>2005</b> , 46, 11247-11254	3.9	5
93	Synthesis, characterization, and water sorption properties of new aromatic polyamides containing benzimidazole and ethylene oxide moieties. <i>Journal of Polymer Science Part A</i> , <b>2005</b> , 43, 112-121	2.5	83
92	Polyisophthalamides with heteroaromatic pendent rings: Synthesis, physical properties, and water uptake. <i>Journal of Polymer Science Part A</i> , <b>2005</b> , 43, 5300-5311	2.5	39
91	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> , <b>2004</b> , 120, 8815-23	3.9	2
90	Soluble Polyamides and Polyimides Functionalized with Benzo-15-Crown-5-Pendant Groups. <i>Macromolecular Rapid Communications</i> , <b>2004</b> , 25, 592-597	4.8	40
89	Designing aromatic polyamides and polyimides for gas separation membranes. <i>Macromolecular Symposia</i> , <b>2003</b> , 199, 293-306	0.8	29
88	Soluble Polyimides from a New Dianhydride: 5?-tert-Butyl-m-terphenyl-3,4,3?,4?-tetracarboxylic Acid Dianhydride. <i>Macromolecular Rapid Communications</i> , <b>2003</b> , 24, 686-691	4.8	14
87	Gas separation properties of aromatic polyimides. <i>Journal of Membrane Science</i> , <b>2003</b> , 215, 61-73	9.6	91
86	Gas separation properties of new poly(aryl ether ketone)s with pendant groups. <i>Journal of Membrane Science</i> , <b>2002</b> , 205, 73-81	9.6	16
85	Synthesis and characterization of halogen-containing poly(ether ketone)s. <i>Journal of Polymer Science Part A</i> , <b>2002</b> , 40, 2601-2608	2.5	6
84	Synthesis and characterization of aromatic polyamides containing alkylphthalimido pendent groups. <i>Journal of Polymer Science Part A</i> , <b>2002</b> , 40, 3711-3724	2.5	59
83	Novel aromatic polyamides with 1,3-benzazole groups in the main chain. 1. Polymers derived from 2-(4-carboxyphenyl) benzoxazole-5- and 6-carboxylic acids. Synthesis and characterization. <i>Polymer</i> , <b>2001</b> , 42, 7933-7941	3.9	14

82	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> , <b>2001</b> , 39, 1825-1832	2.5	23
81	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> , <b>2001</b> , 39, 475-485	2.5	69
80	Thermotropic Aromatic Poly(amide-ether)s. <i>Macromolecular Chemistry and Physics</i> , <b>2001</b> , 202, 1298-1305	2.6	19
79	Thermal and Mechanical Properties of Halogen-Containing Aromatic Polyamides. <i>Macromolecular Chemistry and Physics</i> , <b>2001</b> , 202, 3142-3148	2.6	22
78	Study of oligo(aryl ether ketone)s as models for aromatic polyketones. <i>Macromolecular Chemistry and Physics</i> , <b>2000</b> , 201, 427-434	2.6	4
77	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> , <b>2000</b> , 38, 1014-1023	2.5	63
76	The relationship between nonexponential relaxation and molecular stiffness in aromatic model compounds. <i>Journal of Chemical Physics</i> , <b>2000</b> , 112, 5254-5256	3.9	1
75	Gas separation properties of pendent phenyl substituted aromatic polyamides containing sulfone and hexafluoroisopropylidene groups. <i>Polymer</i> , <b>1999</b> , 40, 5715-5722	3.9	39
74	Synthesis and characterization of novel polyimides with bulky pendant groups. <i>Journal of Polymer Science Part A</i> , <b>1999</b> , 37, 805-814	2.5	101
73	Novel polyimides with p-nitrophenyl pendant groups. Synthesis and characterization. <i>Journal of Polymer Science Part A</i> , <b>1999</b> , 37, 3377-3384	2.5	4
72	Aromatic polyamides and polyimides derived from 3,3'-diaminobiphenyl: Synthesis, characterization, and molecular simulation study. <i>Journal of Polymer Science Part A</i> , <b>1999</b> , 37, 4646-4655	2.5	12
71	Relaxation behavior in model compounds of poly(aryl-ether-ketone-ketone) as revealed by dielectric spectroscopy. <i>Journal of Chemical Physics</i> , <b>1999</b> , 110, 10134-10140	3.9	5
70	Synthesis of novel polyaryl(ether ketones) with tert-butyl pendent groups. <i>Journal of Polymer Science Part A</i> , <b>1998</b> , 36, 1251-1256	2.5	3
69	Quantum semiempirical study on the reactivity of silylated diamines in the synthesis of aromatic polyamides. <i>Macromolecular Theory and Simulations</i> , <b>1998</b> , 7, 41-48	1.5	10
68	Thermal behavior of aliphatic-aromatic poly(ether-amide)s. <i>Journal of Applied Polymer Science</i> , <b>1998</b> , 67, 975-981	2.9	20
67	Blends of poly(ether imide) and an aromatic poly(ether amide): Phase behavior and CO <sub>2</sub> transport properties. <i>Journal of Applied Polymer Science</i> , <b>1998</b> , 68, 2141-2149	2.9	11
66	Miscibility and interactions in a mixture of poly(ethylene oxide) and an aromatic poly(ether amide). <i>Polymer</i> , <b>1998</b> , 39, 1035-1042	3.9	18
65	Polarity and Conformational Characteristics of Semialiphatic Poly(imide-ester)s. <i>Macromolecules</i> , <b>1998</b> , 31, 1972-1978	5.5	1



64	Electrical Properties of Modified Aromatic Polyamide Membranes. <i>Separation Science and Technology</i> , <b>1997</b> , 32, 2189-2199	2.5	5
63	Quantum semiempirical study of the reactivity of monomers in the synthesis of aromatic polyamides and polyimides. <i>Macromolecular Symposia</i> , <b>1997</b> , 122, 197-202	0.8	1
62	Synthesis of Aromatic Polyisophthalamides by in Situ Silylation of Aromatic Diamines□ <i>Macromolecules</i> , <b>1997</b> , 30, 2507-2508	5.5	30
61	Layer structures: 7. Thermotropic poly(ester-imide)s based on trimellitic anhydride and branched diamino alkane spacers. <i>Polymer</i> , <b>1997</b> , 38, 5677-5683	3.9	6
60	Synthesis and characterization of aliphatic-aromatic poly(ether amide)s. <i>Macromolecular Chemistry and Physics</i> , <b>1997</b> , 198, 727-737	2.6	23
59	Synthesis and characterization of halogen-containing polyisophthalamides. <i>Macromolecular Chemistry and Physics</i> , <b>1997</b> , 198, 3293-3303	2.6	8
58	Dielectric relaxation of LC-thermotropic poly(ester imide)s. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>1997</b> , 35, 203-212	2.6	4
57	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> , <b>1997</b> , 35, 457-468	2.6	8
56	Dielectric relaxation studies of aromatic polyamides. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , <b>1997</b> , 35, 919-927	2.6	5
55	Aliphatic-aromatic poly(ether amide)s containing oxyethylene units. Synthesis and characterization. <i>Journal of Polymer Science Part A</i> , <b>1996</b> , 34, 659-667	2.5	9
54	Synthesis and characterization of novel poly(amide imide)s. <i>Journal of Applied Polymer Science</i> , <b>1996</b> , 61, 923-928	2.9	5
53	Determination of some electrical parameters for two novel aliphatic-aromatic polyamide membranes. <i>Journal of Membrane Science</i> , <b>1996</b> , 114, 51-57	9.6	32
52	LC-poly(ester-amide-imide)s derived from trimellitic acid and 4-aminobenzoic acid. <i>Polymer</i> , <b>1996</b> , 37, 3101-3109	3.9	15
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> , <b>1995</b> , 33, 1987-1994	2.5	28
50	Gas separation properties of aromatic polyamides containing hexafluoroisopropylidene groups. <i>Journal of Membrane Science</i> , <b>1995</b> , 104, 231-241	9.6	63
49	A comparative analysis of flux limit models for ultrafiltration membranes. <i>Journal of Membrane Science</i> , <b>1995</b> , 108, 129-142	9.6	22
48	Polyisophthalamides with pendent heterocyclic groups: 3. Pyridine pendent groups. <i>Polymer</i> , <b>1995</b> , 36, 1113-1116	3.9	5
47	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> , <b>1995</b> , 32, 311-330	2.2	11

46	Thermally stable polymers: Novel aromatic polyamides. <i>Advanced Materials</i> , <b>1995</b> , 7, 148-151	24	30
45	Gas separation properties of aromatic polyamides with sulfone groups. <i>Polymer</i> , <b>1995</b> , 36, 793-800	3.9	49
44	Rheological features of thermotropic and isotropic poly(ester imide)s. <i>Polymer</i> , <b>1995</b> , 36, 1683-1687	3.9	3
43	Aromatic polyamides with pendent heterocycles: 2. Benzoxazole groups. <i>Polymer</i> , <b>1994</b> , 35, 1317-1321	3.9	19
42	Polyimides from 3,4:3',4'-m-terphenyltetracarboxylic dianhydride. Synthesis and characterization. <i>Macromolecular Rapid Communications</i> , <b>1994</b> , 15, 417-424	4.8	9
41	Aromatic polyamides with benzothiazole pendent groups: synthesis, nuclear magnetic resonance structural study and evaluation of properties. <i>Polymer</i> , <b>1994</b> , 35, 872-877	3.9	33
40	Liquid crystal polyimides: 17. thermotropic poly(ester imide)s based on trimellitimide and diamino oligoether spacers. <i>Polymer</i> , <b>1994</b> , 35, 5577-5585	3.9	11
39	Theoretical Study of the Synthesis of Aromatic Polyethers by the Nucleophilic Aromatic Substitution between Fluoro Aromatic Compounds and Phenoxides. <i>Macromolecules</i> , <b>1994</b> , 27, 7164-7170	5.5	31
38	Stereospecificity in the Reaction of Tetrahydro-beta-carboline-3-carboxylic Acids with Isocyanates and Isothiocyanates. Kinetic vs Thermodynamic Control. <i>Journal of Organic Chemistry</i> , <b>1994</b> , 59, 1583-1585	4.2	18
37	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> , <b>1994</b> , 27, 2540-2547	5.5	43
36	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> , <b>1993</b> , 29, 1345-1350	5.2	
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> , <b>1993</b> , 2, 815-827		6
34	Comparative study of the behaviour of experimental polyamide UF membranes. The effect of polyvinylpyrrolidone used as an additive. <i>Journal of Membrane Science</i> , <b>1993</b> , 81, 31-42	9.6	13
33	Polyisophthalamides with benzoyl pendent groups: Synthesis, characterization, and evaluation of properties. <i>Journal of Polymer Science Part A</i> , <b>1993</b> , 31, 1203-1210	2.5	9
32	Polyisophthalamides with phenylsulfonyl pendent groups. <i>Journal of Polymer Science Part A</i> , <b>1993</b> , 31, 1383-1392	2.5	10
31	Polyisophthalamides with phenylthio pendent groups. <i>Journal of Polymer Science Part A</i> , <b>1992</b> , 30, 1327-1333	3.3	21
30	Ammonia sensitivity of Pt/GaAs Schottky barrier diodes. Improvement of the sensor with an organic layer. <i>Sensors and Actuators B: Chemical</i> , <b>1992</b> , 8, 249-252	8.5	7
29	Synthesis, polymerization and copolymerization of N-(2-acryloyloxyethyl)phthalimide. <i>Polymer</i> , <b>1992</b> , 33, 1090-1095	3.9	1



28	Lc-polyimides <sup>8</sup> . Thermotropic poly(ester-imide)s derived from N-(4-carboxyphenyl) trimellitimide and various diphenols. <i>European Polymer Journal</i> , <b>1992</b> , 28, 261-265	5.2	18
27	Semi-interpenetrating polymer networks of maleimide end-capped oligoesters. <i>Polymer</i> , <b>1991</b> , 32, 2210-2214	3.9	1
26	LC-polyimides: 5. Poly(ester-imide)s derived from N-(4-carboxyphenyl) trimellitimide and dihydroxyalkanes. <i>Polymer</i> , <b>1991</b> , 32, 942-949	3.9	50
25	Curing of nadimide end-capped oligoesters. <i>European Polymer Journal</i> , <b>1990</b> , 26, 763-766	5.2	1
24	Kinetic study of the crosslinking reaction of flexible bismaleimides. <i>Polymer</i> , <b>1990</b> , 31, 1955-1959	3.9	18
23	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> , <b>1990</b> , 41, 163-176	2.9	2
22	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> , <b>1990</b> , 191, 537-547		41
21	Polyisophthalamides with pendant phenyl groups. <i>Die Makromolekulare Chemie Rapid Communications</i> , <b>1990</b> , 11, 471-476		8
20	Synthesis and characterization of imide end-capped oligomers of poly(diethyleneglycol terephthalate). <i>Journal of Applied Polymer Science</i> , <b>1989</b> , 38, 1745-1759	2.9	9
19	Fully aromatic poly(ether-esters). <i>Journal of Polymer Science, Polymer Letters Edition</i> , <b>1988</b> , 26, 313-317		1
18	Polyisophthalamides with phenoxy pendant groups. <i>Polymer</i> , <b>1988</b> , 29, 1142-1145	3.9	27
17	Cross-linkable polyester imides. <i>British Polymer Journal</i> , <b>1987</b> , 19, 453-458		4
16	Conformational characteristics of phthalic acid based polyesters. <i>Macromolecules</i> , <b>1987</b> , 20, 1641-1645	5.5	16
15	Curing reaction of diepoxyimides. A DSC study. <i>European Polymer Journal</i> , <b>1987</b> , 23, 961-965	5.2	9
14	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> , <b>1987</b> , 25, 2403-2407	2.6	2
13	Crosslinkable copolyisophthalamides. <i>Angewandte Makromolekulare Chemie</i> , <b>1986</b> , 139, 113-122		2
12	Aromatic polyisophthalamides with oxybenzoyl pendent groups. <i>Journal of Polymer Science Part A</i> , <b>1986</b> , 24, 483-493	2.5	15
11	Configurational properties of polyesters with cyclohexane rings incorporated in the main chain. <i>Macromolecules</i> , <b>1985</b> , 18, 1583-1587	5.5	5

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9	Aromatic polyisophthalamides with iminobenzoyl pendant groups. <i>European Polymer Journal</i> , <b>1985</b> , 21, 1013-1019	5.2	39
8	Poly(m-phenylene isophthalamides)-containing nitro groups. <i>Journal of Polymer Science: Polymer Chemistry Edition</i> , <b>1984</b> , 22, 1531-1533		6
7	Ring-opening polymerization of 3-methyloxetane: NMR spectroscopy and configurational properties of the polymer. <i>Macromolecules</i> , <b>1984</b> , 17, 1431-1436	5.5	10
6	Copolyamide-imides of controlled microstructure. Effect of reaction conditions on regularity and properties. <i>European Polymer Journal</i> , <b>1983</b> , 19, 667-671	5.2	14
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1	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