

Guey-Sheng Liou

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.

209
papers

7,897
citations

52
h-index

74
g-index

211
ext. papers

8,428
ext. citations

4.8
avg. IF

6.54
L-index

#	Paper	IF	Citations
209	Triarylamine-Based Wholly Aromatic Polyimide with Simultaneously Unprecedented Photoluminescence Efficiency and High Glass-Transition Temperature. <i>Advanced Optical Materials</i> , 2022 , 10, 2101949	8.1	
208	Electrofluorochromism in AIE luminogens 2022 , 397-425		
207	Novel Authentic and Ultrafast Organic Photorecorders Enhanced by AIE-Active Polymer Electrets via Interlayer Charge Recombination. <i>Advanced Functional Materials</i> , 2021 , 31, 2101288	15.6	8
206	Electroactive Triphenylamine-Based Polymer Films as Passivation Layers for Improving Electrochemical Oxidation Stability of Silver Nanowires. <i>ACS Applied Polymer Materials</i> , 2021 , 3, 2971-2978	4.3	2
205	Synthesis of high-performance electrochromic material for facile fabrication of truly black electrochromic devices. <i>Electrochimica Acta</i> , 2021 , 367, 137474	6.7	6
204	Synthesis and characteristics of novel TPA-containing electrochromic poly(ether sulfone)s with dimethylamino substituents. <i>Electrochimica Acta</i> , 2021 , 368, 137552	6.7	4
203	Luminescence Behavior and Acceptor Effects of Ambipolar Polymeric Electret on Photorecoverable Organic Field-Effect Transistor Memory. <i>Advanced Electronic Materials</i> , 2021 , 7, 2001076	6.4	7
202	Enhancement of Electrochromic Switching Properties with Triethylamine Base-Derived Intrinsic Microporous Polyamide Films. <i>Macromolecular Rapid Communications</i> , 2021 , 42, e2100492	4.8	
201	Preparation and Characterization of Intrinsic Porous Polyamides Based on Redox-Active Aromatic Diamines with Pentiptycene Scaffolds.. <i>ACS Macro Letters</i> , 2021 , 10, 1210-1215	6.6	4
200	Electrochromic Response Capability Enhancement with Pentiptycene-Incorporated Intrinsic Porous Polyamide Films. <i>Macromolecular Rapid Communications</i> , 2020 , 41, e2000186	4.8	4
199	Donor-Acceptor Effect of Carbazole-Based Conjugated Polymer Electrets on Photoresponsive Flash Organic Field-Effect Transistor Memories. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 6144-6150	9.5	28
198	Effects of alkyl chain length and anion on the optical and electrochemical properties of AIE-active Cyanostilbene-containing triphenylamine derivatives. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 7454-7462	7.1	5
197	Facile Approach of Porous Electrochromic Polyamide/ZrO Films for Enhancing Redox Switching Behavior. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 35273-35281	9.5	8
196	Novel electrochemical devices with high contrast ratios and simultaneous electrochromic and electrofluorochromic response capability behaviours. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 12656-12661	7.1	4
195	Synthesis, characterization and electrochromic properties of novel redox triarylamine-based aromatic polyethers with methoxy protecting groups. <i>Polymer Chemistry</i> , 2019 , 10, 345-350	4.9	15
194	Novel Stretchable Ambipolar Electrochromic Devices Based on Highly Transparent AgNW/PDMS Hybrid Electrodes. <i>Advanced Optical Materials</i> , 2019 , 7, 1900632	8.1	14
193	Facile Fabrication of Triphenylamine-Based Redox-Active Nanocomposites by a Sol-Gel Method: Enhanced Electrochromic Response Capability and Stability Performance. <i>Macromolecular Rapid Communications</i> , 2019 , 40, e1900118	4.8	2

192	Design, Synthesis, and Electrofluorochromism of New Triphenylamine Derivatives with AIE-Active Pendent Groups. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 11684-11690	9.5	37
191	Synthesis and Characterization of Novel Triarylamine Derivatives with Dimethylamino Substituents for Application in Optoelectronic Devices. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 14902-14908	8.5	24
190	Substituent effects of AIE-active cyanostilbene-containing triphenylamine derivatives on electrofluorochromic behavior. <i>Nanoscale</i> , 2019 , 11, 8597-8603	7.7	26
189	Novel Photoinduced Recovery of OFET Memories Based on Ambipolar Polymer Electret for Photorecorder Application. <i>Advanced Functional Materials</i> , 2019 , 29, 1902991	15.6	32
188	UV-sensing organic phototransistor memory devices with a doped organic polymer electret composed of triphenylamine-based aggregation-induced emission luminogens. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 11014-11021	7.1	18
187	Design and preparation of triphenylamine-based polymeric materials towards emergent optoelectronic applications. <i>Progress in Polymer Science</i> , 2019 , 89, 250-287	29.6	71
186	Cyanotriphenylamine-based polyimidothioethers as multifunctional materials for ambipolar electrochromic and electrofluorochromic devices, and fluorescent electrospun fibers. <i>Polymer Chemistry</i> , 2018 , 9, 1693-1700	4.9	18
185	Recent advances in triphenylamine-based electrochromic derivatives and polymers. <i>Polymer Chemistry</i> , 2018 , 9, 3001-3018	4.9	99
184	A novel panchromatic shutter based on an ambipolar electrochromic system without supporting electrolyte. <i>Chemical Communications</i> , 2018 , 54, 2619-2622	5.8	30
183	Observation of ionic hydrogen bonding between anions and triarylamine-based aromatic polyimides with secondary amine. <i>Electrochimica Acta</i> , 2018 , 261, 307-313	6.7	8
182	High-performance electrofluorochromic devices based on aromatic polyamides with AIE-active tetraphenylethene and electro-active triphenylamine moieties. <i>Polymer Chemistry</i> , 2018 , 9, 4364-4373	4.9	42
181	A facile approach to prepare porous polyamide films with enhanced electrochromic performance. <i>Nanoscale</i> , 2018 , 10, 16613-16620	7.7	16
180	Novel Organic Phototransistor-Based Nonvolatile Memory Integrated with UV-Sensing/Green-Emissive Aggregation Enhanced Emission (AEE)-Active Aromatic Polyamide Electret Layer. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 18281-18288	9.5	33
179	Linkage effects of triphenylamine-based aromatic polymer electrets on electrical memory performance. <i>Polymer</i> , 2018 , 148, 382-389	3.9	15
178	A comparative study of redox-active, ambipolar electrochromic triphenylamine-based polyimides prepared by electrochemical polymerization and conventional polycondensation methods. <i>Polymer Chemistry</i> , 2018 , 9, 236-248	4.9	29
177	Synthesis and characterization of novel electrochromic devices derived from redox-active polyamide π O ₂ hybrids. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 12422-12428	7.1	20
176	Synthesis and optical properties of redox-active triphenylamine-based derivatives with methoxy protecting groups. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 13345-13351	7.1	13
175	Highly transparent AgNW/PDMS stretchable electrodes for elastomeric electrochromic devices. <i>Nanoscale</i> , 2017 , 9, 2633-2639	7.7	95

174	Electrochromism and Nonvolatile Memory Device Derived from Triphenylamine-Based Polyimides with Pendant Viologen Units. <i>Macromolecular Rapid Communications</i> , 2017 , 38, 1600715	4.8	24
173	Synthesis and Electrochromism of Highly Organosoluble Polyamides and Polyimides with Bulky Trityl-Substituted Triphenylamine Units. <i>Polymers</i> , 2017 , 9,	4.5	23
172	Controllable Electrochromic Polyamide Film and Device Produced by Facile Ultrasonic Spray-coating. <i>Scientific Reports</i> , 2017 , 7, 11982	4.9	16
171	Optically Isotropic, Colorless, and Flexible PITEs/TiO and ZrO Hybrid Films with Tunable Refractive Index, Abbe Number, and Memory Properties. <i>Scientific Reports</i> , 2017 , 7, 7978	4.9	7
170	Highly transparent polyhydroxyimide/TiO ₂ and ZrO ₂ hybrid films with high glass transition temperature (T _g) and low coefficient of thermal expansion (CTE) for optoelectronic application. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 8444-8453	7.1	17
169	Preparation and optoelectronic behaviours of novel electrochromic devices based on triphenylamine-containing ambipolar materials. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 9370-9375	7.1	27
168	Highly transparent to truly black electrochromic devices based on an ambipolar system of polyamides and viologen. <i>NPG Asia Materials</i> , 2017 , 9, e388-e388	10.3	55
167	Solution-processable triarylamine-based high-performance polymers for resistive switching memory devices. <i>Polymer Journal</i> , 2016 , 48, 117-138	2.7	59
166	Zinc and linkage effects of novel porphyrin-containing polyimides on resistor memory behaviors. <i>RSC Advances</i> , 2016 , 6, 88531-88537	3.7	10
165	Novel triarylamine-based aromatic polyamides bearing secondary amines: synthesis and redox potential inversion characteristics induced by pyridines. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 10381-10385 ⁹	7.1	9
164	Highly transparent silver nanowire-polyimide electrode as a snow-cleaning device. <i>RSC Advances</i> , 2016 , 6, 61386-61392	3.7	11
163	Highly transparent and flexible bio-based polyimide/TiO ₂ and ZrO ₂ hybrid films with tunable refractive index, Abbe number, and memory properties. <i>Nanoscale</i> , 2016 , 8, 12793-802	7.7	22
162	Linkage and donor-acceptor effects on resistive switching memory devices of 4-(N-carbazolyl)triphenylamine-based polymers. <i>RSC Advances</i> , 2016 , 6, 28815-28819	3.7	20
161	Triphenylamine-based luminogens and fluorescent polyimides: effects of functional groups and substituents on photophysical behaviors. <i>Polymer Chemistry</i> , 2016 , 7, 1569-1576	4.9	39
160	Novel solution-processable functional polyimide/ZrO ₂ hybrids with tunable digital memory behaviors. <i>Polymer Chemistry</i> , 2016 , 7, 4873-4880	4.9	8
159	A novel porphyrin-containing polyimide for memory devices. <i>Polymer Chemistry</i> , 2016 , 7, 2780-2784	4.9	40
158	Highly transparent polyimide hybrids for optoelectronic applications. <i>Reactive and Functional Polymers</i> , 2016 , 108, 2-30	4.6	81
157	High-efficiency fluorescent polyimides based on locally excited triarylamine-containing dianhydride moieties. <i>Polymer Chemistry</i> , 2015 , 6, 5225-5232	4.9	20

156	Highly transparent and flexible polyimide/ZrO ₂ nanocomposite optical films with a tunable refractive index and Abbe number. <i>Chemical Communications</i> , 2015 , 51, 13523-6	5.8	33
155	Substituent and Charge Transfer Effects on Memory Behavior of the Ambipolar Poly(triphenylamine)s. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 15988-94	9.5	29
154	Highly transparent and flexible polyimide/AgNW hybrid electrodes with excellent thermal stability for electrochromic applications and defogging devices. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 3629-3635	7.1	64
153	The steric effect of π - and σ -substituted anthraquinone units on high performance polymeric memory devices. <i>Polymer Chemistry</i> , 2015 , 6, 7758-7763	4.9	10
152	High performance polymers and their PCBM hybrids for memory device application. <i>Polymer Chemistry</i> , 2015 , 6, 7464-7469	4.9	12
151	Novel thermally stable and soluble triarylamine functionalized polyimides for gas separation. <i>Polymer Chemistry</i> , 2014 , 5, 4219	4.9	35
150	Fluorescence: High-Performance Electrofluorochromic Devices Based on Electrochromism and Photoluminescence-Active Novel Poly(4-Cyanotriphenylamine) (Adv. Funct. Mater. 41/2014). <i>Advanced Functional Materials</i> , 2014 , 24, 6406-6406	15.6	3
149	Thermally stable and high ON/OFF ratio non-volatile memory devices based on poly(triphenylamine) with pendent PCBM. <i>Chemical Communications</i> , 2014 , 50, 4335-7	5.8	18
148	Nonvolatile transistor memory devices based on high-k electrets of polyimide/TiO ₂ hybrids. <i>Polymer Chemistry</i> , 2014 , 5, 6718-6727	4.9	21
147	Flexible memory devices with tunable electrical bistability via controlled energetics in donor π -donor and donor π -acceptor conjugated polymers. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 4374-4378	7.1	30
146	Electrically programmable digital memory behaviors based on novel functional aromatic polyimide/TiO ₂ hybrids with a high ON/OFF ratio. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 2842-2850	7.1	22
145	Novel triarylamine-based polybenzoxazines with a donor-acceptor system for polymeric memory devices. <i>Chemical Communications</i> , 2014 , 50, 13917-20	5.8	19
144	High-Performance Electrofluorochromic Devices Based on Electrochromism and Photoluminescence-Active Novel Poly(4-Cyanotriphenylamine). <i>Advanced Functional Materials</i> , 2014 , 24, 6422-6429	15.6	86
143	Colorless triphenylamine-based aliphatic thermoset epoxy for multicolored and near-infrared electrochromic applications. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 3594-9	9.5	53
142	Novel near-infrared and multi-colored electrochromic polybenzoxazines with electroactive triarylamine moieties. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 7796	7.1	25
141	Side-chain and linkage-mediated effects of anthraquinone moieties on ambipolar poly(triphenylamine)-based volatile polymeric memory devices. <i>Chemical Communications</i> , 2014 , 50, 4915-7	5.8	18
140	Multilevel nonvolatile flexible organic field-effect transistor memories employing polyimide electrets with different charge-transfer effects. <i>Macromolecular Rapid Communications</i> , 2014 , 35, 1039-45	4.8	28
139	Novel solution-processable fluorene-based polyimide/TiO ₂ hybrids with tunable memory properties. <i>Polymer Chemistry</i> , 2013 , 4, 4570	4.9	26

138	High-Efficiency Photoluminescence Wholly Aromatic Triarylamine-based Polyimide Nanofiber with Aggregation-Induced Emission Enhancement. <i>Advanced Optical Materials</i> , 2013 , 1, 668-676	8.1	39
137	Flexible electrofluorochromic devices with the highest contrast ratio based on aggregation-enhanced emission (AEE)-active cyanotriphenylamine-based polymers. <i>Chemical Communications</i> , 2013 , 49, 9797-9	5.8	65
136	Novel programmable functional polyimides: preparation, mechanism of CT induced memory, and ambipolar electrochromic behavior. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 7623	7.1	57
135	Linkage effect on the memory behavior of sulfonyl-containing aromatic polyether, polyester, polyamide, and polyimide. <i>Chemical Communications</i> , 2013 , 49, 2536-8	5.8	35
134	A facile approach to multicolored electrochromic triarylamine-based thermoset epoxy materials with tunable intervalence charge transfer behavior. <i>Chemical Communications</i> , 2013 , 49, 9812-4	5.8	26
133	Novel high-efficiency PL polyimide nanofiber containing aggregation-induced emission (AIE)-active cyanotriphenylamine luminogen. <i>Chemical Communications</i> , 2013 , 49, 630-2	5.8	54
132	Flexible, optically transparent, high refractive, and thermally stable polyimide/TiO ₂ hybrids for anti-reflection coating. <i>RSC Advances</i> , 2013 , 3, 17048	3.7	33
131	Nonvolatile transistor memory devices using high dielectric constant polyimide electrets. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 3235	7.1	52
130	Electrically bistable memory devices based on poly(triphenylamine)-PCBM hybrids. <i>Chemical Communications</i> , 2013 , 49, 2804-6	5.8	42
129	Flexible Multi-Colored Electrochromic and Volatile Polymer Memory Devices Derived from Starburst Triarylamine-Based Electroactive Polyimide. <i>Advanced Functional Materials</i> , 2013 , 23, 5307-5316	15.6	167
128	Linkage and acceptor effects on diverse memory behavior of triphenylamine-based aromatic polymers. <i>Polymer Chemistry</i> , 2013 , 4, 4162	4.9	30
127	Preparation and characterization of near-infrared and multi-colored electrochromic aramids based on aniline-derivatives. <i>Organic Electronics</i> , 2012 , 13, 840-849	3.5	26
126	Solution-processable triarylamine-based electroactive high performance polymers for anodically electrochromic applications. <i>Polymer Chemistry</i> , 2012 , 3, 255-264	4.9	199
125	Various Digital Memory Behaviors of Functional Aromatic Polyimides Based on Electron Donor and Acceptor Substituted Triphenylamines. <i>Macromolecules</i> , 2012 , 45, 3749-3758	5.5	72
124	Novel triphenylamine-containing ambipolar polyimides with pendant anthraquinone moiety for polymeric memory device, electrochromic and gas separation applications. <i>Journal of Materials Chemistry</i> , 2012 , 22, 20394		55
123	Electrical performance of the embedded-type surface electrodes containing carbon and silver nanowires as fillers and one-step organosoluble polyimide as a matrix. <i>Organic Electronics</i> , 2012 , 13, 2469-2473	3.5	10
122	Electrically bistable digital memory behaviors of thin films of polyimides based on conjugated bis(triphenylamine) derivatives. <i>Polymer</i> , 2012 , 53, 4135-4144	3.9	36
121	Programmable digital nonvolatile memory behaviors of donor-acceptor polyimides bearing triphenylamine derivatives: effects of substituents. <i>Polymer Chemistry</i> , 2012 , 3, 1276	4.9	51

120	Novel solution-processable optically isotropic colorless polyimidothioethers/TiO ₂ hybrids with tunable refractive index. <i>Journal of Materials Chemistry</i> , 2012 , 22, 17236		17
119	High T _g , ambipolar, and near-infrared electrochromic anthraquinone-based aramids with intervalence charge-transfer behavior. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 61-69	2.5	22
118	Resistive switching non-volatile and volatile memory behavior of aromatic polyimides with various electron-withdrawing moieties. <i>Journal of Materials Chemistry</i> , 2012 , 22, 14085		79
117	Electrochemical and Spectral Characterizations of 9-Phenylcarbazoles. <i>Journal of the Chinese Chemical Society</i> , 2012 , 59, 331-337	1.5	18
116	Preparation and characterization of organosoluble polyimide/BaTiO ₃ composite films with mechanical- and chemical-treated ceramic fillers. <i>Polymer Journal</i> , 2012 , 44, 1131-1137	2.7	18
115	Transmissive to black electrochromic aramids with high near-infrared and multicolor electrochromism based on electroactive tetraphenylbenzidine units. <i>Journal of Materials Chemistry</i> , 2011 , 21, 6230		62
114	New polyimides incorporated with diphenylpyrenylamine unit as fluorophore and redox-chromophore. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 2210-2221	2.5	43
113	Triphenylamine-based polyimides with trimethyl substituents for gas separation membrane and electrochromic applications. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 3637-3646	2.5	46
112	Novel high-performance polymer memory devices containing (OMe) ₂ tetraphenyl-p-phenylenediamine moieties. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 3709-3718	2.5	52
111	Mixed-valence class I transition and electrochemistry of bis(triphenylamine)-based aramids containing isolated ether-linkage. <i>Journal of Polymer Science Part A</i> , 2011 , 49, 3805-3816	2.5	25
110	Substituent Effect on Electrochemical and Electrochromic Behaviors of Ambipolar Aromatic Polyimides Based on Aniline Derivatives. <i>Macromolecules</i> , 2011 , 44, 9595-9610	5.5	59
109	Novel Starburst Triarylamine-Containing Electroactive Aramids with Highly Stable Electrochromism in Near-Infrared and Visible Light Regions. <i>Chemistry of Materials</i> , 2011 , 23, 1874-1882	9.6	120
108	A novel molecularly imprinted polymer thin film as biosensor for uric acid. <i>Talanta</i> , 2010 , 80, 1145-51	6.2	59
107	Enhanced near-infrared electrochromism in triphenylamine-based aramids bearing phenothiazine redox centers. <i>Journal of Materials Chemistry</i> , 2010 , 20, 9886		53
106	Highly flexible and optical transparent 6F-PI/TiO ₂ optical hybrid films with tunable refractive index and excellent thermal stability. <i>Journal of Materials Chemistry</i> , 2010 , 20, 531-536		84
105	A facile approach towards optically isotropic, colorless, and thermoplastic polyimidothioethers with high refractive index. <i>Journal of Materials Chemistry</i> , 2010 , 20, 4080		28
104	Novel blue and red electrochromic poly(azomethine ether)s based on electroactive triphenylamine moieties. <i>Organic Electronics</i> , 2010 , 11, 299-310	3.5	72
103	Synthesis and characterization of electrochromic poly(amideimide)s based on the diimide-diacid from 4,4'-diamino-4'-methoxytriphenylamine and trimellitic anhydride. <i>European Polymer Journal</i> , 2010 , 46, 1355-1366	5.2	51

102	Flexible nanocrystalline-titania/polyimide hybrids with high refractive index and excellent thermal dimensional stability. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 1433-1440	2.5	59
101	Fluorescent and electrochromic aromatic polyamides with 4-tert-butyltriphenylamine chromophore. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 2798-2809	2.5	29
100	Synthesis and properties of new aromatic polyamides with redox-active 2,4-dimethoxytriphenylamine moieties. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 3392-3401	2.5	40
99	Red, green, and blue electrochromism in ambipolar poly(amine-imide-imide)s based on electroactive tetraphenyl-p-phenylenediamine units. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 4747-4757	2.5	28
98	Synthesis, photoluminescence, and electrochromism of polyamides containing (3,6-di-tert-butylcarbazol-9-yl)triphenylamine units. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 4775-4789	2.5	49
97	Synthesis and unexpected electrochemical behavior of the triphenylamine-based aramids with ortho- and para-trimethyl-protective substituents. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 5271-5281	2.5	24
96	Programmable digital memory devices based on nanoscale thin films of a thermally dimensionally stable polyimide. <i>Nanotechnology</i> , 2009 , 20, 135204	3.4	87
95	Poly(triphenylamine)s derived from oxidative coupling reaction: Substituent effects on the polymerization, electrochemical, and electro-optical properties. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 285-294	2.5	38
94	Synthesis, photoluminescence, and electrochromism of novel aromatic poly(amine-1,3,4-oxadiazole)s bearing anthrylamine chromophores. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 1584-1594	2.5	15
93	Synthesis and characterization of novel electroactive polyamides and polyimides with bulky 4-(1-adamantoxy)triphenylamine moieties. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 1740-1755	2.5	58
92	Synthesis and characterization of a novel electrochromic aromatic polyamide from AB-type triphenylamine-based monomer. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 1988-2001	2.5	19
91	Novel aromatic polymers from benzaldehyde and triphenylamine derivatives: Synthesis, electrochromic, and photochemical properties. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 2118-2131	2.5	12
90	Highly stable electrochromic polyamides based on N,N-bis(4-aminophenyl)-N,N'-bis(4-tert-butylphenyl)-1,4-phenylenediamine. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 2330-2343	2.5	55
89	New P-type of poly(4-methoxy-triphenylamine)s derived by coupling reactions: Synthesis, electrochromic behaviors, and hole mobility. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 4037-4050	2.5	22
88	Near-infrared electrochromic poly(aryl ether)s based on isolated electroactive tetraphenyl-p-phenylenediamine moieties. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 5378-5385	2.5	14
87	Electroactive aromatic polyamides and polyimides with adamantylphenoxy-substituted triphenylamine units. <i>European Polymer Journal</i> , 2009 , 45, 2234-2248	5.2	56
86	Solution-Processable Novel Near-Infrared Electrochromic Aromatic Polyamides Based on Electroactive Tetraphenyl-p-Phenylenediamine Moieties. <i>Chemistry of Materials</i> , 2009 , 21, 4062-4070	9.6	114
85	Synthesis and Electrochemical Properties of Novel Aromatic Poly(amine-imide)s with Anodically Highly Stable Yellow and Blue Electrochromic Behaviors. <i>Macromolecules</i> , 2009 , 42, 125-134	5.5	56

84	Synthesis and characterization of electroactive hyperbranched aromatic polyamides based on A2B-type triphenylamine moieties. <i>Journal of Materials Chemistry</i> , 2009 , 19, 7666		27
83	Novel anodic electrochromic aromatic polyamides with multi-stage oxidative coloring based on N,N,N',N'-tetraphenyl-p-phenylenediamine derivatives. <i>Journal of Materials Chemistry</i> , 2008 , 18, 5638		58
82	Highly Stable Anodic Electrochromic Aromatic Polyamides Containing N,N,N',N'-Tetraphenyl-p-Phenylenediamine Moieties: Synthesis, Electrochemical, and Electrochromic Properties. <i>Macromolecules</i> , 2008 , 41, 1667-1674	5.5	145
81	Novel Anodic Polyelectrochromic Aromatic Polyamides Containing Pendent Dimethyltriphenylamine Moieties. <i>Macromolecules</i> , 2008 , 41, 8441-8451	5.5	53
80	High Contrast Ratio and Rapid Switching Electrochromic Polymeric Films Based on 4-(Dimethylamino)triphenylamine-Functionalized Aromatic Polyamides. <i>Macromolecules</i> , 2008 , 41, 2800-2808	5.5	121
79	Novel thermally stable triarylamine-containing aromatic polyamides bearing anthrylamine chromophores for highly efficient green-light-emitting materials. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 7354-7368	2.5	30
78	Novel organosoluble aromatic polyimides bearing pendant methoxy-substituted triphenylamine moieties: Synthesis, electrochromic, and gas separation properties. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 7937-7949	2.5	82
77	An EQCM study for a novel aromatic poly(amine-imide) electrochromic thin film. <i>Solar Energy Materials and Solar Cells</i> , 2008 , 92, 146-153	6.4	7
76	Synthesis and photoluminescence properties of novel polyarylates bearing pendent naphthylamine chromophores. <i>European Polymer Journal</i> , 2008 , 44, 2608-2618	5.2	27
75	Highly stable anodic green electrochromic aromatic polyamides: synthesis and electrochromic properties. <i>Journal of Materials Chemistry</i> , 2007 , 17, 1007-1015		173
74	Electrochemical behavior of N,N,N',N'-tetraphenyl-1,4-phenylenediamine moiety on novel aromatic polyamides and their electrochromic properties. <i>Dyes and Pigments</i> , 2007 , 74, 273-278	4.6	7
73	Stably anodic green electrochromic aromatic poly(amine-imide-imide)s: Synthesis and electrochromic properties. <i>Organic Electronics</i> , 2007 , 8, 662-672	3.5	27
72	Thermally stable, light-emitting, triphenylamine-containing poly(amine hydrazide)s and poly(amine-1,3,4-oxadiazole)s bearing pendent carbazolyl groups. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 48-58	2.5	15
71	Poly(triarylamine): Its synthesis, properties, and blend with polyfluorene for white-light electroluminescence. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 1727-1736	2.5	16
70	Synthesis and electrochromism of novel organosoluble polyarylates bearing triphenylamine moieties. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 2004-2014	2.5	42
69	4-methoxy-substituted poly(triphenylamine): A p-type polymer with highly photoluminescent and reversible oxidative electrochromic characteristics. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 3292-3302	2.5	23
68	Synthesis and properties of wholly aromatic polymers bearing cardo fluorene moieties. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 4352-4363	2.5	32
67	Synthesis and characterization of wholly aromatic poly(azomethine)s containing donor-acceptor triphenylamine moieties. <i>Journal of Polymer Science Part A</i> , 2007 , 45, 4921-4932	2.5	48

66	Synthesis and Photoluminescence of Novel Organo-Soluble Polyarylates Bearing (N-Carbazolyl)triphenylamine Moieties. <i>Polymer Journal</i> , 2007 , 39, 448-457	2.7	18
65	Synthesis and Properties of Noncoplanar Rigid-rod Aromatic Polyamides Containing Phenyl or Naphthyl Substituents. <i>Journal of Polymer Research</i> , 2007 , 14, 147-155	2.7	32
64	Synthesis and photophysical properties of novel organo-soluble polyarylates bearing triphenylamine moieties. <i>Journal of Polymer Research</i> , 2007 , 14, 191-199	2.7	28
63	Poly(amine-amide-imide)s Bearing Pendent N-Carbazolylphenyl Moieties: Synthesis and Electrochromic Properties. <i>Macromolecular Chemistry and Physics</i> , 2006 , 207, 1589-1598	2.6	28
62	Novel high-Tg poly(amine-imide)s bearing pendent N-phenylcarbazole units: synthesis and photophysical, electrochemical and electrochromic properties. <i>Journal of Materials Chemistry</i> , 2006 , 16, 1831		102
61	Synthesis, Photophysical, and Electrochromic Characterization of Wholly Aromatic Polyamide Blue-Light-Emitting Materials. <i>Macromolecules</i> , 2006 , 39, 5337-5346	5.5	116
60	A New Class of HighTgand Organosoluble Aromatic Poly(amine1,3,4-oxadiazole)s Containing Donor and Acceptor Moieties for Blue-Light-Emitting Materials. <i>Macromolecules</i> , 2006 , 39, 6036-6045	5.5	64
59	Blue-light-emitting and anodically electrochromic materials of new wholly aromatic polyamides derived from the high-efficiency chromophore 4,4'-dicarboxy-4'-methyltriphenylamine. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 4095-4107	2.5	21
58	Synthesis and photoluminescent and electrochromic properties of aromatic poly(amine amide)s bearing pendent N-carbazolylphenyl moieties. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 4108-4121	2.5	49
57	Novel aromatic polyamides and polyimides functionalized with 4-tert-butyltriphenylamine groups. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 4579-4592	2.5	97
56	Synthesis, photoluminescence, and electrochromic properties of wholly aromatic polyamides bearing naphthylamine chromophores. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 6094-6102	2.5	23
55	Synthesis and properties of noncoplanar rigid-rod aromatic polyhydrazides and poly(1,3,4-oxadiazole)s containing phenyl or naphthyl substituents. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 6466-6483	2.5	11
54	Synthesis and evaluation of photoluminescent and electrochemical properties of new aromatic polyamides and polyimides with a kink 1,2-phenylenediamine moiety. <i>Journal of Polymer Science Part A</i> , 2006 , 44, 2587-2603	2.5	51
53	Electrochemical and electrochromic properties of novel aromatic poly(amineimide)s derived from N,N'-bis(4-carboxyphenyl)-N,N'-diphenyl-1,4-phenylenediamine. <i>European Polymer Journal</i> , 2006 , 42, 1051-1058	5.2	9
52	Electrochromic properties of novel strictly alternating poly(amineimideimide)s with electroactive triphenylamine moieties. <i>European Polymer Journal</i> , 2006 , 42, 1533-1540	5.2	22
51	Synthesis, photoluminescent and electrochromic properties of new aromatic poly(amine-hydrazide)s and poly(amine-1,3,4-oxadiazole)s derived from 4,4'-dicarboxy-4'-methyltriphenylamine. <i>European Polymer Journal</i> , 2006 , 42, 2283-2291	5.2	11
50	Thermal degradation behaviour of aromatic poly(ester-amide) with pendant phosphorus groups investigated by pyrolysis-GC/MS. <i>Polymer Degradation and Stability</i> , 2006 , 91, 21-30	4.7	26
49	New soluble triphenylamine-based amorphous aromatic polyamides for high performance blue-emitting hole-transporting and anodically electrochromic materials. <i>Polymer</i> , 2006 , 47, 7013-7020	3.9	18

48	Novel Aromatic Poly(Amine-Imide)s Bearing A Pendent Triphenylamine Group: Synthesis, Thermal, Photophysical, Electrochemical, and Electrochromic Characteristics. <i>Macromolecules</i> , 2005 , 38, 307-316	5.5	237
47	Synthesis, luminescence and electrochromism of aromatic poly(amine-imide)s with pendent triphenylamine moieties. <i>Journal of Materials Chemistry</i> , 2005 , 15, 1812		68
46	Novel trends of electrochemical oxidation of amino-substituted triphenylamine derivatives. <i>Journal of Electroanalytical Chemistry</i> , 2005 , 575, 95-101	4.1	127
45	Substituent effects on the electrochemical and spectral characteristics of N,N,N',N'-tetraaryl-p-phenylenediamine derivatives. <i>Journal of Electroanalytical Chemistry</i> , 2005 , 578, 283-287	4.1	38
44	Novel electrochromic aromatic poly(amine-imide-imide)s with pendent triphenylamine structures. <i>Polymer</i> , 2005 , 46, 5939-5948	3.9	41
43	Synthesis and properties of novel poly(amide-imide)s containing pendent diphenylamino groups. <i>European Polymer Journal</i> , 2005 , 41, 511-517	5.2	52
42	Synthesis and Properties of Novel Poly(amide-imide)s Derived from 2,4-diaminotriphenylamine and Imide Ring-Preformed Dicarboxylic Acids. <i>Journal of Polymer Research</i> , 2005 , 12, 289-294	2.7	19
41	Novel family of triphenylamine-containing, hole-transporting, amorphous, aromatic polyamides with stable electrochromic properties. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 2085-2098	2.5	66
40	Novel thermally stable poly(amine hydrazide)s and poly(amine-1,3,4-oxadiazole)s for luminescent and electrochromic materials. <i>Journal of Polymer Science Part A</i> , 2005 , 43, 3245-3256	2.5	29
39	Synthesis and Properties of New Aromatic Polyamides and Polyimides based on 1,4-Bis[N-(4-aminobenzoyl)-N-phenyl]phenylenediamine. <i>High Performance Polymers</i> , 2004 , 16, 525-541	1.6	
38	Novel, organosoluble, light-colored fluorinated polyimides based on 2,2'-bis(4-amino-2-trifluoromethylphenoxy)biphenyl or 2,2'-bis(4-amino-2-trifluoromethylphenoxy)-1,1'-binaphthyl. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 2416-2431	2.5	28
37	Novel aromatic polyamides bearing pendent diphenylamino or carbazolyl groups. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 3302-3313	2.5	92
36	A novel class of organosoluble and light-colored fluorinated polyamides derived from 2,2'-bis(4-amino-2-trifluoromethylphenoxy)biphenyl or 2,2'-bis(4-amino-2-trifluoromethylphenoxy)-1,1'-binaphthyl. <i>European Polymer Journal</i> , 2004 , 40, 1081-1094	5.2	29
35	Electrochemical characterization of small organic hole-transport molecules based on the triphenylamine unit. <i>Electrochemistry Communications</i> , 2003 , 5, 373-377	5.1	48
34	Synthesis and properties of new soluble triphenylamine-based aromatic poly(amine amide)s derived from N,N'-bis(4-carboxyphenyl)-N,N'-diphenyl-1,4-phenylenediamine. <i>Journal of Polymer Science Part A</i> , 2003 , 41, 94-105	2.5	47
33	A Novel Class of Organosoluble and Strictly Alternating Poly(amine-amide-imide)s Containing Triphenylamine Units in the Main Chain. <i>Polymer Journal</i> , 2003 , 35, 402-406	2.7	6
32	Synthesis and properties of poly(amide imide)s based on 2,2'- or 4,4'-bis(4-aminophenoxy)biphenyl and various bis(trimellitimide)s. <i>Journal of Applied Polymer Science</i> , 2002 , 86, 2763-2774	2.9	6
31	Synthesis and properties of aromatic poly(ester amide)s with pendant phosphorus groups. <i>Journal of Polymer Science Part A</i> , 2002 , 40, 459-470	2.5	32

- 30 Polyterephthalamides with naphthoxy-pendent groups. *Journal of Polymer Science Part A*, **2002**, 40, 1781-1789 33
- 29 Synthesis and properties of new soluble aromatic polyamides and polyimides on the basis of N,N'-bis(3-aminobenzoyl)-N,N'-diphenyl-1,4-phenylenediamine. *Journal of Polymer Science Part A*, **2002**, 40, 2564-2574 2.5 36
- 28 Synthesis and characterization of novel soluble triphenylamine-containing aromatic polyamides based on N,N'-bis(4-aminophenyl)-N,N'-diphenyl-1,4-phenylenediamine. *Journal of Polymer Science Part A*, **2002**, 40, 2810-2818 2.5 98
- 27 Synthesis and properties of new aromatic poly(amine-imide)s derived from N,N'-bis(4-aminophenyl)-N,N'-diphenyl-1,4-phenylenediamine. *Journal of Polymer Science Part A*, **2002**, 40, 3815-3822 2.5 58
- 26 A New Class of Aromatic Poly(1,3,4-oxadiazole)s and Poly(amide-1,3,4-oxadiazole)s Containing (Naphthalenedioxy)diphenylene Groups. *Polymer Journal*, **2002**, 34, 917-924 2.7 23
- 25 Synthesis and properties of new organosoluble and alternating aromatic poly(ester-amide-imide)s with pendant phosphorus groups. *Journal of Polymer Science Part A*, **2001**, 39, 1786-1799 2.5 57
- 24 Synthesis and properties of organosoluble polyimide/clay hybrids. *Journal of Applied Polymer Science*, **2001**, 80, 2067-2072 2.9 79
- 23 Unexpected Discovery of the Formation of High-Molecular-Weight Aromatic Polyamides from Unstoichiometric Diacyl Chloride/Diamine Components. *High Performance Polymers*, **2001**, 13, S137-S151^{1.6} 14
- 22 Synthesis and properties of new organo-soluble and strictly alternating aromatic poly(ester-imide)s from 3,3-bis[4-(trimellitimidophenoxy)phenyl]phthalide and bisphenols. *Journal of Polymer Science Part A*, **2000**, 38, 1090-1099 2.5 37
- 21 Synthesis and characterization of new rigid-rod and organosoluble poly(amide-imide)s based on 1,4-bis(trimellitimido)-2,3,5,6-tetramethylbenzene. *Journal of Applied Polymer Science*, **2000**, 78, 1162-1170^{2.8} 2
- 20 New rigid-rod and strictly alternating poly(benzoxazole-imide)s containing methyl-substituted p-phenylene units in the main chain. *Macromolecular Chemistry and Physics*, **2000**, 201, 1141-1147 2.6 10
- 19 Synthesis and properties of new poly(amide-imide)s based on 2,5-bis(trimellitimido)toluene. *Polymer Bulletin*, **1999**, 42, 1-8 2.4 10
- 18 Synthesis and characterization of new organo-soluble poly(amide-imide)s based on 1,4-bis(trimellitimido)-2,5-dimethylbenzene. *Polymer Bulletin*, **1999**, 43, 21-28 2.4 10
- 17 Synthesis and properties of new poly(amide-imide)s based on 2,5-bis(trimellitimido)chlorobenzene. *Journal of Applied Polymer Science*, **1999**, 71, 1691-1701 2.9 7
- 16 Synthesis and characterization of new poly(amide-imide)s based on 1,4-bis(trimellitimido)-2,5-dichlorobenzene. *Journal of Applied Polymer Science*, **1999**, 73, 271-278 2.9 11
- 15 Synthesis and properties of new polyarylates from 1,4-bis(4-carboxyphenoxy)naphthyl or 2,6-bis(4-carboxyphenoxy)naphthyl and various bisphenols. *Journal of Polymer Science Part A*, **1999**, 37, 645-652 2.5 17
- 14 New organo-soluble aromatic polyimides based on 3,3',5,5'-tetrabromo-2,2-bis[4-(3,4-dicarboxyphenoxy)phenyl]propane dianhydride and aromatic diamines. *Journal of Polymer Science Part A*, **1999**, 37, 1673-1680 2.5 12
- 13 New rigid-rod poly(benzoxazole-imide)s containing chloro-substituted p-phenylene units in the main chain. *Journal of Polymer Science Part A*, **1999**, 37, 4151-4158 2.5 12

12	Synthesis and properties of poly(ether imide)s derived from 2,6-bis(3,4-dicarboxyphenoxy)naphthalene dianhydride and aromatic diamines. <i>Journal of Polymer Science Part A</i> , 1998 , 36, 1657-1665	2.5	14
11	Synthesis and properties of soluble aromatic polyimides from 2,2'-bis(3,4-dicarboxyphenoxy)-1,1'-binaphthyl dianhydride and aromatic diamines. <i>Journal of Polymer Science Part A</i> , 1998 , 36, 1937-1943	2.5	44
10	Preparation and properties of new soluble aromatic polyimides from 2,2'-bis(3,4-dicarboxyphenoxy)biphenyl dianhydride and aromatic diamines. <i>Journal of Polymer Science Part A</i> , 1998 , 36, 2021-2027	2.5	38
9	Preparation and properties of new soluble aromatic polyamides from 2,2'-bis(4-aminophenyl)biphenyl and aromatic dicarboxylic acids. <i>Journal of Polymer Science Part A</i> , 1998 , 36, 2029-2035	2.5	12
8	Preparation and characterization of aromatic polyamides from 4,4'-(2,6-naphthylenedioxy)dibenzoic acid and aromatic diamines. <i>Macromolecular Chemistry and Physics</i> , 1998 , 199, 2321-2328	2.6	
7	Preparation and properties of aromatic polyamides from 1,4-bis(p-carboxyphenoxy)naphthyl and aromatic diamines. <i>Journal of Polymer Science Part A</i> , 1997 , 35, 2273-2280	2.5	8
6	Preparation and Properties of New Polyarylates from 2,2'-Bis(p-carboxyphenoxy)biphenyl or 2,2'-Bis(p-carboxyphenoxy)-1,1'-binaphthyl and Various Bisphenols. <i>Polymer Journal</i> , 1994 , 26, 722-727	2.7	1
5	Preparation and properties of aromatic polyamides from 2,2'-bis(p-aminophenoxy) biphenyl or 2,2'-bis(p-aminophenoxy)-1,1'-binaphthyl and aromatic dicarboxylic acids. <i>Journal of Polymer Science Part A</i> , 1993 , 31, 2499-2506	2.5	60
4	Preparation and properties of aromatic polyamides from 2,2'-bis(p-carboxyphenoxy) biphenyl or 2,2'-bis(p-carboxyphenoxy)-1,1'-binaphthyl and aromatic diamines. <i>Journal of Polymer Science Part A</i> , 1993 , 31, 3265-3272	2.5	20
3	Preparation and properties of aromatic polyimides from 2,2'-bis(p-aminophenoxy)biphenyl or 2,2'-bis(p-aminophenoxy)-1,1'-binaphthyl and aromatic tetracarboxylic dianhydrides. <i>Journal of Polymer Science Part A</i> , 1993 , 31, 3273-3279	2.5	34
2	Preparation and properties of polyarylates both from 2,2'-bibenzoyl chloride and bisphenols and from biphenyl-2,2'-diol and aromatic dicarboxylic acid chlorides. <i>Journal of Polymer Science Part A</i> , 1992 , 30, 2195-2201	2.5	11
1	Preparation and properties of aromatic polyimides from 2,2'-bibenzoic acid and aromatic diamines. <i>Journal of Polymer Science Part A</i> , 1991 , 29, 995-1000	2.5	15