

Chain-length dependence of electronic and electrochemical systems: polyacetylene, polyphenylene, polythiophene,

Journal of the American Chemical Society

105, 6555-6559

DOI: 10.1021/ja00360a004

Citation Report

#	ARTICLE	IF	CITATIONS
7	Intramolecular band mapping of poly(p-phenylene) via UV photoelectron spectroscopy of finite polyphenyls. <i>Chemical Physics</i> , 1984, 91, 459-470.	0.9	87
8	Electronic properties of polyquinolines and poly(2,6-naphthylene). <i>Solid State Communications</i> , 1984, 50, 1047-1050.	0.9	10
9	Highly conducting polyparaphenylene, polypyrrole, and polythiophene chains: An ab initio study of the geometry and electronic-structure modifications upon doping. <i>Physical Review B</i> , 1984, 29, 6761-6773.	1.1	693
10	Conducting polymers synthesized by dopant-induced polymerization of insulating charge-transfer crystals. <i>Synthetic Metals</i> , 1984, 9, 441-450.	2.1	2
11	Electronic properties of polypyrrole: An ab initio Hartree-Fock study. <i>Journal of Chemical Physics</i> , 1984, 80, 5643-5648.	1.2	37
12	The multistep reduction of 1,5-dibenzoyl naphthalene: a voltammetric study of the first two reversible steps. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1985, 185, 191-196.	0.3	3
13	Anti-Stokes Raman scattering in trans polyacetylene. <i>Solid State Communications</i> , 1985, 55, 1075-1079.	0.9	9
14	Valence effective Hamiltonian study of the electronic structure of polysulfur nitride, (SN) _x . <i>Chemical Physics Letters</i> , 1985, 115, 119-123.	1.2	8
15	Title is missing!. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1985, 6, 643-648.	1.1	10
16	Electronic properties of amorphous carbon films. <i>Journal of Physics C: Solid State Physics</i> , 1985, 18, L651-L655.	1.5	54
17	Organic heterojunctions utilizing two conducting polymers: Poly(acetylene)/poly(N-methylpyrrole) junctions. <i>Journal of Applied Physics</i> , 1985, 58, 1279-1284.	1.1	51
18	Phase transformations and ordering in polyacetylene. <i>Physical Review B</i> , 1985, 32, 5892-5901.	1.1	98
19	Resonance Raman Spectra of Alkali-Metal Doped Polyacetylene. <i>Molecular Crystals and Liquid Crystals</i> , 1985, 117, 401-409.	0.9	34
20	New class of soliton-supporting polymers: Theoretical predictions. <i>Physical Review B</i> , 1985, 31, 652-655.	1.1	42
21	Geometric and electronic structures of isothianaphthene and thieno[3,4-C]thiophene: A theoretical investigation. <i>Synthetic Metals</i> , 1985, 11, 343-352.	2.1	60
22	The crystal structure of trans,trans-1,3,5,7-octatetraene as a model for fully-ordered trans-polyacetylene. <i>Synthetic Metals</i> , 1985, 11, 37-52.	2.1	97
23	Theory of effective Hamiltonians and molecular applications. <i>Computational and Theoretical Chemistry</i> , 1985, 120, 443-459.	1.5	7
24	Degradation of some carbon-chain polymers by electrochemical reduction. <i>Polymer Science USSR</i> , 1985, 27, 2427-2431.	0.2	8

#	ARTICLE	IF	CITATIONS
25	Towards organic polymers with very small intrinsic band gaps. I. Electronic structure of polyisothianaphthene and derivatives. <i>Journal of Chemical Physics</i> , 1986, 85, 4673-4678.	1.2	256
26	Polypyrrole electrode as a detector for electroinactive anions by flow injection analysis. <i>Analytical Chemistry</i> , 1986, 58, 1803-1806.	3.2	147
27	Serum lithium analysis by coated wire lithium ion selective electrodes in a flow injection analysis dialysis system. <i>Analytical Chemistry</i> , 1986, 58, 1806-1810.	3.2	55
28	Polyaniline: A theoretical study. <i>Synthetic Metals</i> , 1986, 15, 105-114.	2.1	53
29	Evolution of structure and electronic properties in oxidized polyaniline as a function of the torsion angle between adjacent rings. <i>Synthetic Metals</i> , 1986, 14, 297-308.	2.1	62
30	Optical and vibrational properties and the crystal structures of molecular complexes: biphenyl-TCNQ and p-terphenyl-TCNQ. <i>Journal of Molecular Structure</i> , 1986, 143, 211-214.	1.8	3
31	Conformational behaviour of 2,2'-bipyrrole. <i>Theoretica Chimica Acta</i> , 1986, 69, 41-49.	0.9	25
32	Theoretical studies on polyaniline. <i>Journal of Chemical Physics</i> , 1986, 85, 4584-4590.	1.2	157
33	Electronic structure evolution upon thermal treatment of polyacrylonitrile: A theoretical investigation. <i>Journal of Chemical Physics</i> , 1986, 85, 2219-2226.	1.2	42
34	Convergence of direct space exchange lattice sums in polymer band structure calculations. <i>Journal of Chemical Physics</i> , 1986, 85, 5286-5298.	1.2	42
35	Photoablation of plasma polymerized polyacetylene films. <i>Journal of Applied Physics</i> , 1987, 61, 1222-1224.	1.1	11
36	Theoretical design of polymeric conductors. <i>Synthetic Metals</i> , 1987, 17, 115-121.	2.1	107
37	The dependence of electronic conductivity upon conjugation length for conducting polymers. <i>Synthetic Metals</i> , 1987, 17, 173-181.	2.1	28
38	Polaron lattice in highly conducting polyaniline: Theoretical and optical studies. <i>Physical Review Letters</i> , 1987, 59, 1464-1467.	2.9	841
39	Optical properties of segmented polyacetylene. <i>Synthetic Metals</i> , 1987, 17, 277-282.	2.1	32
40	Electronic structure of the alkyl, benzyl and methoxy derivatives of polythiophene. <i>Synthetic Metals</i> , 1987, 21, 149-156.	2.1	43
41	Reactions of Thiophene and Methylthiophenes in the Interlayer of Transition-Metal Ion-Exchanged Montmorillonite Studied by Resonance Raman Spectroscopy. <i>Clays and Clay Minerals</i> , 1987, 35, 53-59.	0.6	14
42	On the problem of π electron delocalisation across sp^3 carbon atoms introduced as defects in polyacetylene. <i>Solid State Communications</i> , 1987, 64, 1183-1186.	0.9	14

#	ARTICLE	IF	CITATIONS
43	Combination of MOMM and VEH methods to calculate electronic properties of polymers. Journal of Computational Chemistry, 1987, 8, 107-116.	1.5	12
44	Simultaneous EPR electrochemical measurements on polypyrrole in ambient temperature ionic liquids. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 241, 231-246.	0.3	36
45	The polyfluorenes: a family of versatile electroactive polymersâ€”III. Poly(9,9-dimethylfluorene) as an electrode modifier in the study of some systems known to be reversible on platinum. Electrochimica Acta, 1988, 33, 811-823.	2.6	27
46	A quartz microbalance study of the electrosynthesis of polypyrrole. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 251, 307-322.	0.3	172
47	Zero-valent, oxidized, and mixed oxidation state chromium, molybdenum, and tungsten arylidocyanide polymers. Journal of Organometallic Chemistry, 1988, 350, 57-75.	0.8	8
48	A systematic study of polarizability and microscopic third-order optical nonlinearity in thiophene oligomers. Journal of Chemical Physics, 1988, 89, 5535-5541.	1.2	311
49	Effect of heteroatoms on electric properties of conjugated polymers one-electron band approach. Polymer Science USSR, 1988, 30, 1135-1141.	0.2	0
50	Thermochromic and solvatochromic effects in poly(3-hexylthiophene). Synthetic Metals, 1988, 22, 395-406.	2.1	460
51	Thermal undoping in poly(3-alkylthiophenes). Synthetic Metals, 1988, 26, 297-309.	2.1	61
52	Resonant Raman scattering of controlled molecular weight polyacetylene. Journal of Chemical Physics, 1988, 89, 7615-7620.	1.2	17
53	Electronic structure of polyisothianaphthene. Journal of Chemical Physics, 1988, 88, 4257-4262.	1.2	32
54	Thermochromism in poly(3-hexylthiophene) in the solid state: A spectroscopic study of temperature-dependent conformational defects. Journal of Chemical Physics, 1988, 89, 4613-4619.	1.2	255
55	Electronic Structure of Long Polyenes: States and Transition Dipoles. Materials Research Society Symposia Proceedings, 1989, 173, 649.	0.1	0
56	Conformational disorder in conjugated polymers. Journal of Chemical Physics, 1989, 90, 7594-7601.	1.2	116
57	Towards organic polymers with small intrinsic band gaps. II. Investigation of the electronic structure of poly(pyrenylene vinylenes). Journal of Chemical Physics, 1989, 91, 1783-1788.	1.2	20
58	Lowest energy excited singlet state of 2,2â€™:5â€™:2â€™:2â€™-terthiophene, an oligomer of polythiophene. Journal of Chemical Physics, 1989, 90, 3506-3510.	1.2	82
59	Conductivity as a function of conjugation length: Theory and experiment for conducting polymer complexes. Physical Review B, 1989, 39, 5872-5886.	1.1	80
60	Conformational defects in a conducting polymer. Contemporary Physics, 1989, 30, 403-416.	0.8	23

#	ARTICLE	IF	CITATIONS
61	Membranes of polyphenylacetylene as catalysts of the photodegradation of organic pollutants. <i>Environmental Technology Letters</i> , 1989, 10, 241-251.	0.4	1
62	Electrically conducting polymers – A polymer science viewpoint. <i>Advances in Polymer Science</i> , 1989, , 1-104.	0.4	102
63	Properties of metal/poly(N-methylpyrrole) Schottky barriers. <i>Journal of Physics Condensed Matter</i> , 1989, 1, SB133-SB138.	0.7	14
64	Dehydrochlorination in crystalline structures of commercial poly(vinyl chloride). <i>Die Makromolekulare Chemie</i> , 1989, 190, 2347-2352.	1.1	15
65	Synthesis and properties of model oligomers of poly(naphthylenevinylene)s. <i>Die Makromolekulare Chemie</i> , 1989, 190, 2995-3003.	1.1	7
66	–Electronic structure of conjugated polymers. <i>Solid State Ionics</i> , 1989, 32-33, 567-574.	1.3	0
67	Spectroscopic and cyclic voltammetric studies of poly(p-phenylene vinylene) prepared from two different sulphonium salt precursor polymers. <i>Polymer</i> , 1989, 30, 1048-1053.	1.8	70
68	Conducting polypyrrole films containing [Ru(2,2'-bipyridine)2(3-[pyrrol-1-ylmethyl] pyridine)Cl]+. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1989, 271, 83-105.	0.3	44
69	Molecular orbital study of the initial processes in the electrochemical polymerizations of pyrrole, thiophene and furan. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1989, 258, 303-311.	0.3	17
70	Electronic and geometric structures of oligothiophenes. <i>Journal of Molecular Structure</i> , 1989, 197, 265-289.	1.8	23
71	Thermal effects in FeCl ₃ -doped poly(3-hexylthiophene), and a blend with poly(ethylvinylacetate), studied by optical absorption and x-ray photoelectron spectroscopy. <i>Synthetic Metals</i> , 1989, 28, 445-450.	2.1	21
72	Gas sensitivities of electropolymerized polythiophene films. <i>Synthetic Metals</i> , 1989, 30, 173-181.	2.1	83
73	Long-range interactions and molecular dynamics of polyenes: Polyacetylene. <i>Synthetic Metals</i> , 1989, 32, 151-169.	2.1	17
74	Molecular structure and transport properties in thiophene-based polyheterocycles. <i>Synthetic Metals</i> , 1989, 28, 515-520.	2.1	11
75	Site energies for –electron models of conjugated polymers. <i>Synthetic Metals</i> , 1989, 28, D543-D550.	2.1	9
76	Thermochromism in the poly(3-alkylthiophene)s: A study of conformational defects by photoelectron spectroscopy. <i>Synthetic Metals</i> , 1989, 28, 451-460.	2.1	77
77	The use of short chain oligomers as a model for soluble polypyrrole. <i>Synthetic Metals</i> , 1989, 28, 187-192.	2.1	16
78	Influence of molecular architecture on electronic and transport properties in sulfur-containing heterocyclic conducting polymers. <i>Physica Scripta</i> , 1989, 40, 781-785.	1.2	28

#	ARTICLE	IF	CITATIONS
79	Use of the quartz microbalance in the study of polyheterocycle electrosynthesis. <i>Synthetic Metals</i> , 1989, 28, 21-26.	2.1	23
80	The electronic and electrochemical properties of poly(phenylene vinylenes) and poly(thienylene) Tj ETQq1 1 0.784314 rgBT /Overlock 1.2 256	1.2	256
81	Electrically Conducting Organic Polymers: Connections Between Geometric and Electronic Structure. <i>Physica Scripta</i> , 1989, T25, 9-16.	1.2	5
82	Electronically conducting polymers. , 1990, , 1-47.		188
83	Electronic structure of long polyene ions. <i>Theoretical and Experimental Chemistry</i> , 1990, 25, 366-371.	0.2	0
84	A molecular orbital study of trans-polyenes to 18 double bonds. <i>Structural Chemistry</i> , 1990, 1, 355-359.	1.0	1
85	A simple approach for describing the optical properties of conjugated polymers. <i>Journal of Molecular Structure</i> , 1990, 219, 383-388.	1.8	0
86	Ultraviolet photoemission study of oligothiophenes: π -band evolution and geometries. <i>Journal of Chemical Physics</i> , 1990, 92, 4077-4092.	1.2	96
87	Effect of the nature of the electrolyte on the properties of unpaired spins in polyaniline. <i>Synthetic Metals</i> , 1990, 35, 183-194.	2.1	20
88	Conjugated heterocyclic copolymers: Correlation between electronic structures and conducting properties. <i>Synthetic Metals</i> , 1990, 36, 195-207.	2.1	6
90	Electronic spectra of polyacetylene model compounds: π -diphenylpolyenyl anions. <i>Synthetic Metals</i> , 1991, 41, 1389-1392.	2.1	13
91	Lattice dynamics and vibrational spectra of polythiophene. I. Oligomers and polymer. <i>Journal of Chemical Physics</i> , 1991, 94, 957-964.	1.2	136
92	Photoelectron spectroscopy of polyconjugated polymer surfaces and interfaces. <i>Reports on Progress in Physics</i> , 1991, 54, 1215-1249.	8.1	32
93	Photodegradation of poly(o-(trimethylsilyl)phenylacetylene) in solutions. <i>Polymer</i> , 1991, 32, 226-230.	1.8	7
94	ADMR of carotenoid triplet states in bacterial photosynthetic antenna and reaction center complexes. <i>Chemical Physics Letters</i> , 1991, 181, 213-221.	1.2	29
95	Conjugation length dependence of Raman scattering in a series of linear polyenes: Implications for polyacetylene. <i>Journal of Chemical Physics</i> , 1991, 94, 4161-4170.	1.2	199
96	Probing of π conjugation intrans-polyacetylene using near-infrared photoluminescence spectroscopy. <i>Physical Review B</i> , 1991, 43, 14478-14487.	1.1	21
97	Fine tuning of the band gap in conjugated polymers via control of block copolymer sequences. <i>Journal of Chemical Physics</i> , 1992, 97, 2750-2758.	1.2	111

#	ARTICLE	IF	CITATIONS
98	Electrochemical Properties of an Electrosynthesized Poly(p-phenylene vinylene) Film and Its Application to a Simple Electrochemical Fabrication of a Polymer Diode. <i>Chemistry Letters</i> , 1992, 21, 2061-2064.	0.7	6
99	Photocatalysis of Perfluorinated Oligo(p-Phenylene)s. <i>Bulletin of the Chemical Society of Japan</i> , 1992, 65, 3439-3449.	2.0	25
100	Solitons in a box: the organic chemistry of electrically conducting polyenes. <i>Accounts of Chemical Research</i> , 1992, 25, 561-568.	7.6	178
101	Visible-light-induced photocatalysis of poly(pyridine-2,5-diyl). Photoreduction of water, carbonyl compounds and alkenes with triethylamine. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1992, , 679.	0.9	37
102	Symmetrically disubstituted poly(bithiophene)s: influence of halogen substituents. <i>Journal of Materials Chemistry</i> , 1992, 2, 1135.	6.7	16
103	The effect of side-group substitution on the energy gaps of phenylene and thienylene oligomers and polymers. <i>Synthetic Metals</i> , 1992, 47, 179-186.	2.1	14
104	Linear optical properties of a series of linear polyenes: implications for polyacetylene. <i>Synthetic Metals</i> , 1992, 49, 271-280.	2.1	21
105	Poly(1,3-cyclohexadiene-1,4-diyl). <i>Polymer Bulletin</i> , 1992, 29, 597-603.	1.7	8
106	Tunable polymer diodes. <i>Nature</i> , 1992, 356, 19-20.	13.7	7
107	Surface enhanced Raman spectroscopic study of $\hat{1}\pm$ -bithiophene and $\hat{1}\pm$ -quaterthiophene molecules adsorbed on silver sols. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1992, 48, 1625-1630.	0.1	15
108	Electronic structure of bis [1,2,5]thiadiazolo-p-quinobis (1,3-dithiole) (BTQBT) studied by ultraviolet photoemission spectroscopy. <i>Chemical Physics</i> , 1992, 165, 135-142.	0.9	17
109	Ab initio studies on heterocyclic conjugated polymers: structure and vibrational spectra of thiophene, oligothiophenes and polythiophene. <i>Computational and Theoretical Chemistry</i> , 1992, 259, 181-198.	1.5	83
110	A Homologous Series of Stable Polyenes: Synthesis, Structure, and Redox Behavior. <i>Angewandte Chemie International Edition in English</i> , 1992, 31, 1588-1591.	4.4	47
111	Toughening of graphite-epoxy composites with an electrocopolymerized high-temperature thermoplastic interphase. <i>Journal of Applied Polymer Science</i> , 1992, 46, 1899-1914.	1.3	9
112	Eine homologe Reihe stabiler Polyene: Synthese, Kristallstruktur und Redoxverhalten. <i>Angewandte Chemie</i> , 1992, 104, 1623-1626.	1.6	23
113	End-capped oligothiophenes- new model compounds for polythiophenes. <i>Advanced Materials</i> , 1992, 4, 102-107.	11.1	254
114	Well-defined pyrrole oligomers: Electrochemical and UV/vis studies. <i>Advanced Materials</i> , 1992, 4, 798-801.	11.1	162
115	Optical and electrical characteristics of electrodeposited polypyrrole films. <i>Journal of Applied Polymer Science</i> , 1993, 50, 411-417.	1.3	13

#	ARTICLE	IF	CITATIONS
116	Electroluminescence from oligothiophene-based light-emitting devices. <i>Advanced Materials</i> , 1993, 5, 922-925.	11.1	265
117	Investigation of poly(arylenevinylene)s, 40. Electrochemical studies on poly(p-phenylenevinylene)s. <i>Die Makromolekulare Chemie</i> , 1993, 194, 1607-1618.	1.1	59
118	Products in solution during electrodeposition of polypyrrole. <i>Journal of Electroanalytical Chemistry</i> , 1993, 357, 273-287.	1.9	43
119	Crystal structures of 3,5,5'-trichloro-2,2'-bithiophene and 3,3',5,5'-tetrachloro-2,2'-bithiophene. <i>Journal of Crystallographic and Spectroscopic Research</i> , 1993, 23, 799-803.	0.3	2
120	Electrochemistry of end-capped oligothiophenyls. New insights into the polymerization mechanism and the charge storage, conduction and capacitive properties of polythiophene. <i>Synthetic Metals</i> , 1993, 61, 81-87.	2.1	49
121	Extended cyanine dyes. <i>Synthetic Metals</i> , 1993, 57, 4788-4795.	2.1	8
122	Structural and Electronic Properties of Oligomeric Heteroarylene Vinylenes: A Theoretical Approach. <i>Molecular Crystals and Liquid Crystals</i> , 1993, 236, 219-224.	0.3	0
123	Influence of molecular architecture and chain length on the nonlinear optical response of conjugated oligomers and polymers. <i>Synthetic Metals</i> , 1993, 57, 3933-3940.	2.1	6
124	Theoretical study of the electronic structure of poly(2,5-dimethoxyparaphenylenevinylene) and its oligomers. <i>Synthetic Metals</i> , 1993, 57, 4290-4295.	2.1	8
125	Optical spectra and excitations in phenylene vinylene oligomers. <i>Synthetic Metals</i> , 1993, 59, 13-28.	2.1	160
126	Polymers with conjugated chains in three dimensions. <i>Synthetic Metals</i> , 1993, 55, 315-320.	2.1	16
127	Design, synthesis and assembly of new thiophene-based molecular functional units with controlled properties. <i>Synthetic Metals</i> , 1993, 61, 71-79.	2.1	42
128	Aryl Diisocyanide Organometallic Coordination Polymers. <i>Reviews in Inorganic Chemistry</i> , 1993, 13, 1-76.	1.8	6
129	Defect electronic states in beta-carotene and lower homologues. <i>Journal of Physics Condensed Matter</i> , 1993, 5, 7049-7062.	0.7	4
130	Lattice dynamics and vibrational spectra of pristine and doped polyconjugated polyfuran. <i>Journal of Chemical Physics</i> , 1993, 98, 769-783.	1.2	50
131	Phthalocyanine as Gas Sensor-Electronic Structure on ZDO Level. <i>Molecular Crystals and Liquid Crystals</i> , 1993, 229, 247-252.	0.3	2
132	Electronic processes in polyaniline films photoexcited with picosecond laser pulses: A three-dimensional model for conducting polymers. <i>Physical Review B</i> , 1994, 49, 7178-7192.	1.1	18
133	Theoretical ab initio investigation of the dipole polarizabilities of oligothiophenes and polythiophene. <i>Journal of Chemical Physics</i> , 1994, 100, 2034-2043.	1.2	69

#	ARTICLE	IF	CITATIONS
134	A comparative semi-empirical study of pyrrole and phosphole oligomers. <i>Chemical Physics Letters</i> , 1994, 224, 213-218.	1.2	15
135	Stable Soluble Conjugated Carbon Rods with a Persilylethynylated Polytriacetylene Backbone. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 763-766.	4.4	80
136	Tuning of photo- and electroluminescence in alkylated polythiophenes with well-defined regioregularity. <i>Advanced Materials</i> , 1994, 6, 132-135.	11.1	163
137	Stabile, lösliche, konjugierte Kohlenstoffstäbe mit einem persilylethynylierten Polytriacetylenrückgrat. <i>Angewandte Chemie</i> , 1994, 106, 794-798.	1.6	38
138	Ein einfacher Zugang zu homo- und heteroleptischen Platinkomplexen durch Cycloplatinierung ohne den Einsatz lithiumorganischer Verbindungen. <i>Angewandte Chemie</i> , 1994, 106, 798-800.	1.6	8
139	Structure and optical absorption of oligorylenes upon doping. <i>Chemical Physics</i> , 1994, 189, 53-65.	0.9	21
140	The role of intermediates in solution in the initial stages of electrodeposition of polypyrrole. <i>Journal of Electroanalytical Chemistry</i> , 1994, 365, 35-39.	1.9	34
141	Dependence of the electroconductivity of n-doped polymers on conjugation length. <i>Synthetic Metals</i> , 1994, 63, 245-246.	2.1	4
142	Optical Properties of Poly[(3-Pentyl-5-Oxyazobenzene) Thiophene]. <i>Materials Research Society Symposia Proceedings</i> , 1995, 413, 659.	0.1	0
143	On the conjugation length in poly(para-phenylene)-type polymers. <i>Advanced Materials</i> , 1995, 7, 292-295.	11.1	149
144	Acyclic Tetraethynylethene Molecular Scaffolding: Multinanometer-sized linearly conjugated rods with the poly(triacetylene) backbone and cross-conjugated expanded dendralenes. <i>Helvetica Chimica Acta</i> , 1995, 78, 779-796.	1.0	71
145	Theoretical studies of physicochemical properties of aniline oligomers: analysis of counterion influence. <i>Structural Chemistry</i> , 1995, 6, 131-140.	1.0	13
146	A semiempirical study of heterocycle oligomers and polymers in different dielectric media. <i>International Journal of Quantum Chemistry</i> , 1995, 54, 369-379.	1.0	9
147	Vibronic structure in the optical absorption spectra of phenylene vinylene oligomers: a joint experimental and theoretical study. <i>Chemical Physics Letters</i> , 1995, 247, 425-432.	1.2	122
148	Redox properties of novel tetrapyrroles: Expanded porphycenes. <i>Journal of Electroanalytical Chemistry</i> , 1995, 381, 159-166.	1.9	15
149	Electrochemical properties of tetraethynylethenes, fully cross-conjugated π -chromophores, and tetraethynylethene-based carbon-rich molecular rods and dehydroannulenes. <i>Journal of Electroanalytical Chemistry</i> , 1995, 394, 187-197.	1.9	29
150	Raman excitation profiles of conjugated segments in solution. <i>Physical Review B</i> , 1995, 51, 8107-8114.	1.1	34
151	Nature of optical transitions in conjugated oligomers. II. Theoretical characterization of neutral and doped oligothiophenes. <i>Journal of Chemical Physics</i> , 1995, 103, 842-849.	1.2	162

#	ARTICLE	IF	CITATIONS
152	Nature of optical transitions in conjugated oligomers. I. Theoretical characterization of neutral and doped oligo(phenylenevinylene)s. <i>Journal of Chemical Physics</i> , 1995, 103, 834-841.	1.2	108
153	Radical anions of π -conjugated oligomers and polymers: Delocalization and self trapping. <i>Synthetic Metals</i> , 1995, 69, 633-636.	2.1	7
154	Conducting polymers from anodic coupling of some regiochemically defined dialkoxy-substituted thiophene oligomers. <i>Synthetic Metals</i> , 1995, 73, 217-225.	2.1	130
155	Solid-state photochemistry of π -conjugated poly(3-alkylthiophenes). <i>Canadian Journal of Chemistry</i> , 1995, 73, 1893-1901.	0.6	67
156	Preparation of New Electron-Accepting π -Conjugated Polyquinoxalines. Chemical and Electrochemical Reduction, Electrically Conducting Properties, and Use in Light-Emitting Diodes. <i>Journal of the American Chemical Society</i> , 1996, 118, 3930-3937.	6.6	193
157	Electrochemistry of phenyl-N-capped aniline oligomers. Evaluation of optical and electrochemical properties of ideal polyaniline. <i>Synthetic Metals</i> , 1996, 82, 59-61.	2.1	32
158	Electrochemical Properties and Electronic Structures of Conjugated Polyquinolines and Polyanthrazolines. <i>Chemistry of Materials</i> , 1996, 8, 579-589.	3.2	325
159	Wavelength tuning of light-emitting polyarenes via an m-phenylene interrupting block: π - π^* band-gap adjustment of thiophene-based conjugated polymers. <i>Chemical Communications</i> , 1996, , 1167-1168.	2.2	24
160	π Conjugation in 2,2'-Bithiophene and Its Dimethyl Derivatives: A Model Compounds of Organic Conducting Polymers Based on Thiophene Rings. <i>The Journal of Physical Chemistry</i> , 1996, 100, 1524-1529.	2.9	78
161	Pulsed EPR Spectroscopy of the Photoexcited Triplet States of Thiophene Oligomers in Frozen Solution. <i>The Journal of Physical Chemistry</i> , 1996, 100, 2849-2853.	2.9	37
162	Ab initio calculation of stereoelectronic properties of syn-blocked bithiophenes as a tool for the interpretation of conductivity differences in derived doped polymers. <i>Computational and Theoretical Chemistry</i> , 1996, 366, 43-53.	1.5	2
163	Poly(3-butyl-co-3,4-dibutylthiophene) copolymers: a new series of conjugated materials with a different energy-gap. <i>Polymer</i> , 1996, 37, 1059-1064.	1.8	18
164	Planar para-phenylene oligomers. <i>Macromolecular Chemistry and Physics</i> , 1996, 197, 2297-2304.	1.1	51
165	Electrochemical studies of the oxidation of sterically hindered pyrroles and thiophenes. <i>Journal of Electroanalytical Chemistry</i> , 1996, 407, 169-173.	1.9	14
166	Photovoltaic Effect in Titanium Dioxide/Polythiophene Cell. <i>Japanese Journal of Applied Physics</i> , 1997, 36, 5537-5542.	0.8	30
167	Synthesis and Characterization of Monodisperse Oligo(phenyleneethynylene)s. <i>Journal of Organic Chemistry</i> , 1997, 62, 6137-6143.	1.7	111
168	Beyond the Cyanine Limit: Peierls Distortion and Symmetry Collapse in a Polymethine Dye. <i>Journal of the American Chemical Society</i> , 1997, 119, 3253-3258.	6.6	141
169	Stability of n-type doped conducting polymers and consequences for polymeric microelectronic devices. <i>Synthetic Metals</i> , 1997, 87, 53-59.	2.1	1,359

#	ARTICLE	IF	CITATIONS
170	Electrochemical and optical studies of PPV derivatives and poly(aromatic oxadiazoles). <i>Synthetic Metals</i> , 1997, 84, 359-360.	2.1	227
171	Field-effect transistors made from solution-processed organic semiconductors. <i>Synthetic Metals</i> , 1997, 88, 37-55.	2.1	539
172	Reversible Dimerization of Diphenylpolyene Radical Cations: An Alternative to the Bipolaron Model. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 363-367.	4.4	104
173	Reversible Dimerisierung von Diphenylpolyen-Radikalkationen: eine Alternative zum Bipolaron-Modell. <i>Angewandte Chemie</i> , 1997, 109, 375-379.	1.6	37
174	Vinylogous π -Carotenes: Generation, Storage, and Delocalization of Charge in Carotenoids. <i>Liebigs Annalen</i> , 1997, 1997, 2205-2213.	0.8	27
175	Poly(triacetylene) Oligomers: Synthesis, Characterization, and Estimation of the Effective Conjugation Length by Electrochemical, UV/Vis, and Nonlinear Optical Methods. <i>Chemistry - A European Journal</i> , 1997, 3, 1505-1512.	1.7	83
176	Influence of silicon atoms on the π -conjugation in electroluminescent polymers. <i>International Journal of Quantum Chemistry</i> , 1997, 63, 437-440.	1.0	7
177	Conductivity in polyacetylene. VI. Semiconductor-Metal transition of alkali-doped polymer. <i>International Journal of Quantum Chemistry</i> , 1997, 63, 655-665.	1.0	6
178	Hinged and chiral polydiacetylene carbon crystals. <i>Chemical Physics Letters</i> , 1997, 269, 356-364.	1.2	20
179	Excited state energies and internal conversion in diphenylpolyenes: from diphenylbutadiene to diphenyltetradecaheptaene. <i>Chemical Physics Letters</i> , 1998, 283, 235-242.	1.2	51
180	The spectral characterization of thiophene radical cation generated by pulse radiolysis. <i>Research on Chemical Intermediates</i> , 1998, 24, 1-14.	1.3	30
181	Adsorption of Carboxyl-Terminated Dithiophene and Terthiophene Molecules on ITO Electrodes and Their Electrochemical Coupling to Polymer Layers. The Influence of Molecular Geometry. <i>Journal of the American Chemical Society</i> , 1998, 120, 13453-13460.	6.6	99
182	Vibrational Analysis of Polyaniline: A Model Compound Approach. <i>Journal of Physical Chemistry B</i> , 1998, 102, 7382-7392.	1.2	254
183	Femtosecond-picosecond dynamics of the lowest excited singlet state in π -quinquethiophene. <i>Chemical Physics Letters</i> , 1998, 296, 365-371.	1.2	7
184	Multifunctional transition metal complexes. <i>Coordination Chemistry Reviews</i> , 1998, 178-180, 1251-1298.	9.5	227
185	Synthesis, characterization and applications of thiophene-based functional polymers. <i>Progress in Polymer Science</i> , 1998, 23, 1167-1231.	11.8	248
186	Sulfur-Containing Oligomers. , 0, , 105-233.		53
188	Potential dependence of a number of the residual spins in the electronically conducting polymer matrix. <i>Synthetic Metals</i> , 1998, 95, 87-91.	2.1	9

#	ARTICLE	IF	CITATIONS
189	Comparison of geometries and electronic structures of polyacetylene, polyborole, polycyclopentadiene, polypyrrole, polyfuran, polysilole, polyphosphole, polythiophene, polyselenophene and polytellurophene. <i>Synthetic Metals</i> , 1998, 96, 177-189.	2.1	331
190	Accurate Method for Obtaining Band Gaps in Conducting Polymers Using a DFT/Hybrid Approach. <i>Journal of Physical Chemistry A</i> , 1998, 102, 2572-2578.	1.1	153
191	Theoretical study of the structure and torsional potential of pyrrole oligomers. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1998, 94, 25-32.	1.7	41
192	Amorphous Poly[(alkoxy-n-alkyl)methylsilane]s and Crystalline Poly[bis(alkoxy-n-alkyl)silane]s: The Effect of Side-Chain Flexibility on the Thermochromic Transition. <i>Macromolecules</i> , 1998, 31, 1087-1092.	2.2	18
193	Density-Functional Theory Study of Electronic and Structural Properties of Doped Polypyrroles. <i>Journal of the American Chemical Society</i> , 1998, 120, 4832-4839.	6.6	31
194	Role of Surfactants in the Synthesis of Poly(p-phenylene) Film in Microemulsions. <i>Langmuir</i> , 1998, 14, 84-90.	1.6	13
195	Living Polymerization of Novel Conjugatively Spaced Ferrocenylacetylenes. <i>Macromolecules</i> , 1998, 31, 3175-3183.	2.2	79
196	Crossover to an Even-Parity Lowest Excited Singlet in Large Oligorylenes: A Theoretical Study. <i>Journal of Physical Chemistry A</i> , 1998, 102, 7029-7034.	1.1	26
197	Electrochemical determination of the ionization potential and electron affinity of poly(9,9-dioctylfluorene). <i>Applied Physics Letters</i> , 1998, 73, 2453-2455.	1.5	666
200	Electrochemical properties of glucose biosensor: polypyrrole/glucose oxidase membrane. , 0, , .		0
201	Theoretical characterization of the electronic properties of extended thienylenevinylene oligomers. <i>Journal of Chemical Physics</i> , 1999, 111, 6643-6649.	1.2	25
202	Theoretical investigation of the geometric and optical properties of neutral and charged oligophenylenes. <i>Physical Review B</i> , 1999, 59, 7957-7968.	1.1	82
203	Semiempirical method for calculating structure and band gap of semiconducting polymers. <i>Journal of Chemical Physics</i> , 1999, 111, 10347-10353.	1.2	9
204	PM3 geometry optimization and CNDO/S-CI computation of UV/Vis spectra of large organic structures: Program description and application to poly(triacetylene) hexamer and taxotere. <i>Journal of Computational Chemistry</i> , 1999, 20, 396-411.	1.5	15
207	Linear Monodisperse π -Conjugated Oligomers: Model Compounds for Polymers and More. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1350-1377.	7.2	886
208	Host-guest complexation: a convenient route to polybithiophene composites by electrosynthesis in aqueous media. Synthesis and characterization of a new material containing cyclodextrins. <i>Journal of Materials Chemistry</i> , 1999, 9, 2351-2358.	6.7	51
209	Synthesis, Properties, and Application of New Luminescent Polymers with Both Hole and Electron Injection Abilities for Light-Emitting Devices. <i>Chemistry of Materials</i> , 1999, 11, 1568-1575.	3.2	86
210	Intense green light from a silyl-substituted poly(p-phenylenevinylene)-based light-emitting diode with air-stable cathode. <i>Physical Chemistry Chemical Physics</i> , 1999, 1, 3789-3792.	1.3	11

#	ARTICLE	IF	CITATIONS
211	Theoretical characterization of phenylene-based oligomers, polymers, and dendrimers. <i>Synthetic Metals</i> , 1999, 100, 141-162.	2.1	42
212	Synthesis, spectroscopy and electrochemistry study on a novel di-silyl substituted poly(p-phenylenevinylene). <i>Synthetic Metals</i> , 1999, 105, 85-89.	2.1	26
213	Electropolymerization of Pyrrole and Electrochemical Study of Polypyrrole. 2. Influence of Acidity on the Formation of Polypyrrole and the Multipathway Mechanism. <i>Journal of Physical Chemistry B</i> , 1999, 103, 8443-8450.	1.2	101
214	Photoluminescent Poly(p-phenylenevinylene)s with an Aromatic Oxadiazole Moiety as the Side Chain:Â Synthesis, Electrochemistry, and Spectroscopy Study. <i>Macromolecules</i> , 1999, 32, 4351-4358.	2.2	165
215	Synthesis and Characterization of a Novel Green Photoluminescent Silicon-Containing Poly(p-phenylenevinylene). <i>Bulletin of the Chemical Society of Japan</i> , 1999, 72, 1941-1946.	2.0	4
216	The Agreement of Poly-5,5'-(4,4'-Dinonyl-2,2'Bithiazole) Spectral Signatures to those of Corresponding Oligomers. <i>Materials Research Society Symposia Proceedings</i> , 1999, 598, 92.	0.1	0
217	Highly Soluble Fluorenyl-Substituted Poly(1,4-phenylenevinylene) for Bright and Efficient Blueâ€“Green Light-Emitting Diode. <i>Chemistry Letters</i> , 2000, 29, 1184-1185.	0.7	11
218	⁵⁷ Fe-MÃssbauer spectroscopic study of monomeric and polymeric ferrocenyl- and octamethylferrocenyl-substituted ethynes. <i>Journal of Organometallic Chemistry</i> , 2000, 612, 1-8.	0.8	23
219	Poly [9-methyl-9-(4-cyanobutyl)fluorene] Synthesis towards Water-soluble Polyfluorenes. <i>Thin Solid Films</i> , 2000, 363, 332-335.	0.8	12
220	Synthesis and characterization of a cyano-substituted electroluminescent polymer with well-defined conjugation length. <i>Thin Solid Films</i> , 2000, 363, 110-113.	0.8	31
221	Thermodynamics on variation of potential shift with the length of conducting oligomers by closest neighbor interaction. <i>Electrochemistry Communications</i> , 2000, 2, 94-96.	2.3	9
222	Tuning the red emission of a soluble poly(p-phenylene vinylene) upon grafting of porphyrin side groups. <i>Chemical Physics Letters</i> , 2000, 325, 552-558.	1.2	58
223	Electrochemical investigation of regioregular alkyl substituted oligothiophenes. <i>Electrochimica Acta</i> , 2000, 45, 4409-4417.	2.6	29
224	Optical ON/OFF Switching of Intramolecular Photoinduced Charge Separation in a Donorâˆ“Bridgeâˆ“Acceptor System Containing Dithienylethene. <i>Journal of the American Chemical Society</i> , 2000, 122, 3037-3046.	6.6	93
225	The quasi-band-structure description of conjugated oligomers. <i>Journal of Physics Condensed Matter</i> , 2000, 12, 1753-1768.	0.7	7
226	Geometry-Dependent Electronic Properties of Highly Fluorescent Conjugated Molecules. <i>Physical Review Letters</i> , 2000, 85, 2388-2391.	2.9	35
227	Effect of charge transfer interaction and disorderness on transport properties of polyaniline systems. <i>Journal of Chemical Physics</i> , 2000, 113, 7593-7597.	1.2	2
228	Novel blue photoluminescent copolymers containing bipyridine and organosilicon. <i>Synthetic Metals</i> , 2000, 114, 101-104.	2.1	10

#	ARTICLE	IF	CITATIONS
229	Novel high T _g hole-transport molecules based on indolo[3,2-b]carbazoles for organic light-emitting devices. <i>Synthetic Metals</i> , 2000, 111-112, 421-424.	2.1	31
230	Trivinylogs of Crystal Violet: synthesis and absorption properties of new near-IR dyes. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 4332-4334.	1.3	17
231	Preparation of Conjugated Gels of Regioregular HT Sexi(3-n-octylthiophene) and Related Star Molecules. <i>Chemistry of Materials</i> , 2000, 12, 2372-2384.	3.2	34
232	Steric and Electronic Effects in Methyl-Substituted 2,2'-Bipyrroles and Poly(2,2'-Bipyrrole)s: Part II. Theoretical Investigation on Monomers. <i>Chemistry of Materials</i> , 2000, 12, 1490-1499.	3.2	31
233	Novel Photoluminescent Polymers Containing Oligothiophene and m-Phenylene-1,3,4-oxadiazole Moieties: Synthesis and Spectroscopic and Electrochemical Studies. <i>Journal of Organic Chemistry</i> , 2000, 65, 3894-3901.	1.7	60
234	Electroluminescence of Multicomponent Conjugated Polymers. 1. Roles of Polymer/Polymer Interfaces in Emission Enhancement and Voltage-Tunable Multicolor Emission in Semiconducting Polymer/Polymer Heterojunctions. <i>Macromolecules</i> , 2000, 33, 2069-2082.	2.2	285
235	A Family of Electroluminescent Silyl-Substituted Poly(p-phenylenevinylene)s: Synthesis, Characterization, and Structure-Property Relationships. <i>Macromolecules</i> , 2000, 33, 9015-9025.	2.2	184
236	Spectroscopic Characteristics and Intermolecular Interactions of Thiophene/Phenylene Co-Oligomers in Solutions. <i>Journal of Physical Chemistry A</i> , 2000, 104, 1827-1833.	1.1	95
237	Steric and Electronic Effects in Methyl-Substituted 2,2'-Bipyrroles and Poly(2,2'-Bipyrrole)s: Part I. Synthesis and Characterization of Monomers and Polymers. <i>Chemistry of Materials</i> , 2000, 12, 1480-1489.	3.2	42
238	Structure and torsional potential of p-phenylthiophene: a theoretical comparative study. <i>Physical Chemistry Chemical Physics</i> , 2000, 2, 3373-3380.	1.3	13
239	Development of Electrode for Organic EL Materials by Cyclic Voltammetry. <i>Molecular Crystals and Liquid Crystals</i> , 2000, 349, 399-403.	0.3	1
240	Soluble Electroluminescent Poly(phenylene vinylene)s with Balanced Electron- and Hole Injections. <i>Journal of the American Chemical Society</i> , 2001, 123, 2296-2307.	6.6	274
241	Ladder-Type Oligo(p-phenylene)s Tethered to a Poly(alkylene) Main Chain: The Orthogonal Approach to Functional Light-Emitting Polymers. <i>Macromolecules</i> , 2001, 34, 6922-6928.	2.2	73
242	CONDUCTING POLYMER-BASED SCHOTTKY BARRIER AND HETEROJUNCTION DIODES AND THEIR SENSOR APPLICATION. , 2001, , 445-494.		12
243	Spectroelectrochemistry of conducting polymers. , 2001, , 209-301.		21
244	Energy transfer from poly(2-carboxyphenylene-1,4-diyl) to poly(p-phenylene vinylene) in bilayer films and its effects on luminescent properties. <i>Synthetic Metals</i> , 2001, 122, 387-393.	2.1	10
245	Highly luminous substituted bipyrroles. <i>Chemical Communications</i> , 2001, , 721-722.	2.2	40
246	Spectroelectrochemical study of the oxidative doping of polydialkylphenyleneethynylene using iterative target transformation factor analysis. <i>Analyst</i> , The, 2001, 126, 508-512.	1.7	19

#	ARTICLE	IF	CITATIONS
247	Electrodeposition of Polypyrrole/Carboxymethyl Cellulose on Platinum and Indium Tin Oxide. <i>Polymer Journal</i> , 2001, 33, 255-262.	1.3	8
248	The influence of electrode material on charge transport properties of polypyrrole thin films. <i>Thin Solid Films</i> , 2001, 388, 171-176.	0.8	18
249	Synthesis and characterization of copolymer derived from poly-phenylene-vinylene potentially luminescent copolymers. <i>European Polymer Journal</i> , 2001, 37, 781-787.	2.6	27
250	New Conjugated Polymers with Donor-Acceptor Architectures: Synthesis and Photophysics of Carbazole-Quinoline and Phenothiazine-Quinoline Copolymers and Oligomers Exhibiting Large Intramolecular Charge Transfer. <i>Macromolecules</i> , 2001, 34, 7315-7324.	2.2	735
251	Synthesis, spectroscopy, and electrochemical properties of a novel n diblock poly(<i>p</i> -phenylenevinylene)-related copolymer containing bipyridine. <i>Polymer</i> , 2001, 42, 3949-3952.	1.8	11
252	Efficient polymer light-emitting diodes using conjugated polymer blends. <i>Applied Physics Letters</i> , 2002, 80, 1891-1893.	1.5	33
253	Reduction of the light-onset voltage of light-emitting diodes based on a soluble poly(<i>p</i> -phenylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.5	19
254	Chemisorption of pyrrole and polypyrrole on Si(001). <i>Physical Review B</i> , 2002, 66, .	1.1	31
255	Green emission from poly(fluorene)s: The role of oxidation. <i>Journal of Chemical Physics</i> , 2002, 117, 6794-6802.	1.2	190
256	Electrochemical Investigations on PPV Model Compounds. <i>Chemistry of Materials</i> , 2002, 14, 3339-3342.	3.2	20
257	New Synthesis, Electroluminescence, and Photophysical Properties of Poly[(formylphenyl)methylsilanediyl] and Its Derivatives. <i>Macromolecules</i> , 2002, 35, 3463-3473.	2.2	26
258	A Time-Dependent DFT Study on Band Gaps and Effective Conjugation Lengths of Polyacetylene, Polyphenylene, Polypentafulvene, Polycyclopentadiene, Polypyrrole, Polyfuran, Polysilole, Polyphosphole, and Polythiophene. <i>Macromolecules</i> , 2002, 35, 1109-1115.	2.2	205
259	Electrochemical and fluorescent properties of alternating copolymers of 9,9-dioctylfluorene and oxadiazole as blue electroluminescent and electron transport materials. <i>Journal of Optics</i> , 2002, 4, S267-S272.	1.5	17
260	Application of alternating fluorene and thiophene copolymers in polymer light-emitting diodes. <i>Synthetic Metals</i> , 2002, 129, 129-134.	2.1	38
261	Ultraviolet photoluminescence and its relation to atomic bonding properties of hydrogenated amorphous carbon. <i>Diamond and Related Materials</i> , 2002, 11, 53-58.	1.8	25
262	End-Cap Stabilized Oligoynes: Model Compounds for the Linear sp Carbon Allotrope Carbyne. <i>Chemistry - A European Journal</i> , 2002, 8, 408-432.	1.7	236
263	Static and dynamic dipole polarizabilities of 2- and 3-methylthiophenes in solution: experimental and theoretical determination. <i>Journal of Physical Organic Chemistry</i> , 2002, 15, 154-164.	0.9	11
264	Polymer light-emitting electrochemical cells with the block copolymers containing PEO segments. <i>Thin Solid Films</i> , 2002, 417, 14-19.	0.8	11

#	ARTICLE	IF	CITATIONS
265	Novel deep blue fluorescent fluorene-based copolymer containing hole-transporting arylamine segments. <i>Thin Solid Films</i> , 2002, 417, 206-210.	0.8	14
266	Synthesis and characterization of a bipyridine-containing electroluminescent polymer with well-defined conjugation length. <i>Thin Solid Films</i> , 2002, 417, 151-154.	0.8	6
267	Synthesis and characterization of poly(p-phenylenevinylene) based alternating copolymers for light emitting diodes. <i>European Polymer Journal</i> , 2002, 38, 895-901.	2.6	13
268	Electrochemical dissolution of polythiophene films. <i>Journal of Electroanalytical Chemistry</i> , 2002, 531, 133-139.	1.9	21
269	Electrochemical synthesis of poly(p-xylylenes) (PPXs) and poly(p-phenylenevinylenes) (PPVs) and the study of xylylene (quinodimethane) intermediates; an underrated approach. <i>Journal of Materials Chemistry</i> , 2002, 12, 1613-1624.	6.7	33
270	Electrochemical bandgaps of substituted polythiophenes. <i>Journal of Materials Chemistry</i> , 2003, 13, 1316-1323.	6.7	294
271	New Organo-Soluble Conjugated Polyquinolines. <i>Macromolecular Chemistry and Physics</i> , 2003, 204, 1607-1615.	1.1	24
272	Synthesis and characterization of novel soluble alternating copoly(phenylene vinylene) derivative for light-emitting electrochemical cell. <i>Journal of Applied Polymer Science</i> , 2003, 88, 1350-1356.	1.3	19
273	Synthesis and photophysical properties of N,N- ϵ^2 -bis(4-cyanophenyl)-3,4,9,10-perylenebis(dicarboximide) and N,N- ϵ^2 -bis(4-cyanophenyl)-1,4,5,8-naphthalenediimide. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2003, 156, 45-54.	2.0	23
274	Synthesis of polyfluorene derivatives through polymer reaction. <i>Optical Materials</i> , 2003, 21, 125-133.	1.7	9
275	Design, Synthesis, and Electroluminescent Property of CN \sim Poly(dihexylfluorenevinylene) for LEDs. <i>Macromolecules</i> , 2003, 36, 6970-6975.	2.2	71
276	Investigation of the Photophysical and Electrochemical Properties of Alkoxy-Substituted Arylene \sim Ethynylene/Arylene \sim Vinylene Hybrid Polymers. <i>Macromolecules</i> , 2003, 36, 5459-5469.	2.2	68
277	Mono- and Multilayers of Oligoethylene Oxide-Modified Poly(3,4-ethylenedioxythiophene) on ITO and Glass Surfaces. <i>Chemistry of Materials</i> , 2003, 15, 2222-2228.	3.2	13
278	Effects of Silole Content and Doping on the Electronic Structures and Excitation Energies of Silole/Thiophene Cooligomers. <i>Macromolecules</i> , 2003, 36, 2130-2140.	2.2	49
279	Determination of quantum confinement in CdSe nanocrystals by cyclic voltammetry. <i>Journal of Chemical Physics</i> , 2003, 119, 2333-2337.	1.2	257
280	Electrochemical and XPS Studies toward the Role of Monomeric and Polymeric Sulfonate Counterions in the Synthesis, Composition, and Properties of Poly(3,4-ethylenedioxythiophene). <i>Macromolecules</i> , 2003, 36, 3337-3344.	2.2	306
281	Characterization of ITO/CuPc/Al and ITO/ZnPc/Al structures using optical and capacitance spectroscopy. <i>Synthetic Metals</i> , 2003, 138, 33-37.	2.1	46
282	Synthesis, Photophysics, and Electroluminescence of Conjugated Poly(p-phenylenevinylene) Derivatives with 1,3,4-Oxadiazoles in the Backbone. <i>Macromolecules</i> , 2003, 36, 9295-9302.	2.2	84

#	ARTICLE	IF	CITATIONS
283	Improvement of color purity in blue-emitting polyfluorene by copolymerization with dibenzothiophene. <i>Journal of Materials Chemistry</i> , 2003, 13, 1351.	6.7	79
284	Perfluorinated phthalocyanines for optical limiting: Evidence for the direct correlation between substituent electron withdrawing character and the nonlinear optical effect. <i>Journal of Chemical Physics</i> , 2003, 119, 4857-4864.	1.2	57
285	Novel naphthalene diimides and a cyclophane thereof: synthesis, characterization, photophysical and electrochemical properties This paper is dedicated to Professor Jean Kossanyi on the occasion of his 70th birthday.. <i>Photochemical and Photobiological Sciences</i> , 2003, 2, 218.	1.6	17
286	Localized-density-matrix implementation of time-dependent density-functional theory. <i>Journal of Chemical Physics</i> , 2003, 119, 8794-8803.	1.2	47
287	Electronic and optical properties of polyfluorene and fluorene-based copolymers: A quantum-chemical characterization. <i>Journal of Chemical Physics</i> , 2003, 118, 6615-6623.	1.2	160
288	A joint theoretical and experimental study on the electronic properties of phenyl-capped 3,4-ethylenedioxythiophene oligomers. <i>Journal of Chemical Physics</i> , 2003, 119, 10415-10420.	1.2	11
290	Optical Properties of an Azobenzene Based Octupolar Near-IR Dye. <i>Bulletin of the Chemical Society of Japan</i> , 2003, 76, 1223-1226.	2.0	4
291	Conjugated Molecules for the Smart Filtering of Intense Radiations. <i>International Journal of Molecular Sciences</i> , 2003, 4, 291-300.	1.8	10
292	Recent Advances in the Synthesis of Polyfluorenes as Organic Semiconductors. <i>Materials Research Society Symposia Proceedings</i> , 2004, 814, 84.	0.1	4
293	Synthesis and hole transport property of a novel triphenylamine substituted stilbene derivative. <i>Materials Chemistry and Physics</i> , 2004, 87, 446-451.	2.0	7
294	One-step electrochemical synthesis of pure poly(2,5-dicyano- p -phenylenevinylene) films. <i>Journal of Solid State Electrochemistry</i> , 2004, 8, 122-126.	1.2	8
295	Enhancement of color purity in blue-emitting fluoreneâ€“pyridine-based copolymers by controlling the chain rigidity and effective conjugation length. <i>Polymer</i> , 2004, 45, 865-872.	1.8	48
296	New poly(p-phenylene vinylene) derivatives with two oxadiazole rings per repeat unit: Synthesis, photophysical properties, electroluminescence, and metal ion recognition. <i>Journal of Polymer Science Part A</i> , 2004, 42, 2112-2123.	2.5	30
297	Synthesis and characterization of new light-emitting copolymers in polymeric-light-emitting-diode device fabrications. <i>Journal of Polymer Science Part A</i> , 2004, 42, 3954-3966.	2.5	9
298	Poly(4-hexyl-1,2,4-triazole-4H): An Electron Semiconducting Analogue to Regioregular Poly(hexylthiophene). <i>Macromolecular Chemistry and Physics</i> , 2004, 205, 1916-1922.	1.1	9
299	Theoretical investigation on the ground- and excited-state properties of novel octupolar oligothiophene-functionalized truxenes and dipolar analogs. <i>Polymer</i> , 2004, 45, 7747-7757.	1.8	28
300	Nature of the electronic transitions in thiacyrocyanines with a long polymethine chain. <i>Chemical Physics</i> , 2004, 305, 259-270.	0.9	82
301	The Electronic States of Carotenoids. , 1999, , 137-159.		21

#	ARTICLE	IF	CITATIONS
302	Packing Structures and Packing Effects on Excitation Energies of Amorphous Phase Oligothiophenes. <i>Journal of Physical Chemistry B</i> , 2004, 108, 6988-6995.	1.2	53
303	Theoretical Studies of the Absorption and Emission Properties of the Fluorene-Based Conjugated Polymers. <i>Macromolecules</i> , 2004, 37, 3451-3458.	2.2	90
304	Synthesis of new dipyridylphenylaminosiloles for highly emissive organic electroluminescent devices Dedicated to Professor Robert Corriu on the occasion of his 70th anniversary.. <i>New Journal of Chemistry</i> , 2004, 28, 1086.	1.4	33
305	Light-Emitting Fluorene Photoreactive Liquid Crystals for Organic Electroluminescence. <i>Chemistry of Materials</i> , 2004, 16, 4928-4936.	3.2	138
306	Synthesis, Photophysics, and Electroluminescence of New Quinoxaline-Containing Poly(p-phenylenevinylene)s. <i>Macromolecules</i> , 2004, 37, 7867-7878.	2.2	85
307	Syntheses and Characterization of Electroactive and Photoactive 2,7-Carbazolenevinylene-Based Conjugated Oligomers and Polymers. <i>Chemistry of Materials</i> , 2004, 16, 4619-4626.	3.2	164
308	Theoretical and Experimental Characterization of Small Band Gap Poly(3,4-ethylenedioxythiophene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.2	68
309	Synthesis and optical properties of poly(p-phenylenevinylene)s bearing tetraphenylthiophene or dibenzothiophene moieties along the main chain. <i>Synthetic Metals</i> , 2004, 142, 113-120.	2.1	22
310	Development and characterization of alkyloxy-substituted biphenyl compounds as guest in blue OLEDs. <i>Synthetic Metals</i> , 2004, 142, 267-273.	2.1	7
311	Nanophase segregation and rectification in monolayers of functionalized hexa-peri-hexabenzocoronenes. <i>Synthetic Metals</i> , 2004, 147, 5-9.	2.1	5
312	Electron Transport Materials for Organic Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2004, 16, 4556-4573.	3.2	1,519
313	Theoretical studies on the electronic and optical properties of two thiophene-fluorene based π -conjugated copolymers. <i>Polymer</i> , 2005, 46, 10970-10981.	1.8	52
314	Dipyridylphenylaminosilole: a case of luminescence enhancement by chromophoric synergism. <i>Comptes Rendus Chimie</i> , 2005, 8, 1262-1267.	0.2	5
315	Theoretical studies on the electronic and optical properties of two new alternating fluorene/carbazole copolymers. <i>Journal of Computational Chemistry</i> , 2005, 26, 969-979.	1.5	30
316	Theoretical Studies of the Structure, Absorption and Emission Properties of Terfluorene and Ter(9,9-diarylfuorene) Derivatives. <i>Chinese Journal of Chemistry</i> , 2005, 23, 1618-1624.	2.6	13
317	Enhanced Photocurrent Spectral Response in Low-Bandgap Polyfluorene and C70-Derivative-Based Solar Cells. <i>Advanced Functional Materials</i> , 2005, 15, 1665-1670.	7.8	166
318	2,7-Carbazolenevinylene-Based Oligomer Thin-Film Transistors: High Mobility Through Structural Ordering. <i>Advanced Functional Materials</i> , 2005, 15, 1671-1682.	7.8	139
319	Light-Emitting Polythiophenes. <i>Advanced Materials</i> , 2005, 17, 2281-2305.	11.1	858

#	ARTICLE	IF	CITATIONS
320	New Silicon-Containing Polyquinolines: Synthesis, Characterization, and Electroluminescence. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 1271-1279.	1.1	10
321	Fluorene-Based Conjugated Poly(azomethine)s: Synthesis, Photophysical Properties, and Theoretical Electronic Structures. <i>Macromolecular Chemistry and Physics</i> , 2005, 206, 2212-2222.	1.1	31
322	Chain-Length Dependence of the Electrochemical Properties of Conjugated Oligofluorenes. <i>Macromolecular Rapid Communications</i> , 2005, 26, 1532-1537.	2.0	109
323	High Charge-Carrier Mobility in π -Deficient Discotic Mesogens: Design and Structure-Property Relationship. <i>Chemistry - A European Journal</i> , 2005, 11, 3349-3362.	1.7	168
324	Synthesis and Properties of Electrophosphorescent Chelating Polymers with Iridium Complexes in the Conjugated Backbone. <i>Chemistry - A European Journal</i> , 2005, 11, 5007-5016.	1.7	119
325	Monodisperse Oligofluorenes with Keto Defect as Models to Investigate the Origin of Green Emission From Polyfluorenes: Synthesis, Self-Assembly, and Photophysical Properties. <i>Chemistry - A European Journal</i> , 2005, 11, 6833-6845.	1.7	99
326	A theoretical investigation on the electronic and optical properties of π -conjugated copolymers with an efficient electron-accepting unit bithieno[3,2-b:2'3'-e]pyridine. <i>Polymer</i> , 2005, 46, 9955-9964.	1.8	30
327	Polaron-induced conformation change in single polypyrrole chain: An intrinsic actuation mechanism. <i>International Journal of Quantum Chemistry</i> , 2005, 102, 980-985.	1.0	52
328	Light-emitting polymers containing 2,3,4,5-tetraphenylthiophenyl moiety and different pendent groups. <i>Polymer International</i> , 2005, 54, 679-685.	1.6	8
329	Synthesis and properties of new orange red light-emitting hyperbranched and linear polymers derived from 3,5-dicyano-2,4,6-tristyrylpyridine. <i>Journal of Polymer Science Part A</i> , 2005, 43, 493-504.	2.5	17
330	Synthesis and properties of poly(heteroaryleneethynylene)s consisting of electron-accepting benzothiadiazole/quinoxaline units and electron-donating alkyl thiophene units. <i>Journal of Polymer Science Part A</i> , 2005, 43, 6445-6454.	2.5	44
331	Cross-Linked Polyfluorene Polymer Precursors: μ Electrodeposition, PLED Device Characterization, and Two-Site Co-deposition with Poly(vinylcarbazole). <i>Chemistry of Materials</i> , 2005, 17, 6781-6789.	3.2	66
332	Synthesis and Optical Properties of New End-Functionalized Polyquinolines. <i>Chemistry of Materials</i> , 2005, 17, 1063-1071.	3.2	43
333	The Influence of Halogen Substituent in Oxidation and Reduction Potential Values of PPV-type Polymer and Block Copolymer. , 0, , .		0
334	Ultraviolet-emitting conjugated polymer poly(9,9-alkyl-3,6-silafluorene) with a wide band gap of 4.0 eV. <i>Chemical Communications</i> , 2005, , 4925.	2.2	92
335	Theoretical Investigation of Optical and Electronic Property Modulations of π -Conjugated Polymers Based on the Electron-Rich 3,6-Dimethoxy-fluorene Unit. <i>Journal of Organic Chemistry</i> , 2005, 70, 3009-3020.	1.7	62
336	Theoretical Study of Chloropyrroles as Monomers for New Conductive Polymers. <i>Journal of Physical Chemistry A</i> , 2005, 109, 8874-8879.	1.1	14
337	Theoretical Study on Electronic Structure and Optical Properties of Phenothiazine-Containing Conjugated Oligomers and Polymers. <i>Journal of Organic Chemistry</i> , 2005, 70, 5987-5996.	1.7	86

#	ARTICLE	IF	CITATIONS
338	6-(Arylvinylylene)-3-bromopyridine Derivatives as Lego Building Blocks for Liquid Crystal, Nonlinear Optical, and Blue Light Emitting Chromophores. <i>Chemistry of Materials</i> , 2005, 17, 502-513.	3.2	44
339	Relationship between Chain Length, Disorder, and Resistivity in Polypyrrole Films. <i>Journal of Physical Chemistry B</i> , 2005, 109, 19191-19199.	1.2	86
340	Spectral Modulation and Exciton Migration in Thiophene-Based Polybenzobisoxazole Random Copolymers with Donor-Acceptor Architectures. <i>Macromolecules</i> , 2005, 38, 9873-9877.	2.2	31
341	Optical Excitations in Organic Dendrimers Investigated by Time-Resolved and Nonlinear Optical Spectroscopy. <i>Accounts of Chemical Research</i> , 2005, 38, 99-107.	7.6	175
342	Theoretical Studies of the Modulation of Polymer Electronic and Optical Properties through the Introduction of the Electron-Donating 3,4-Ethylenedioxythiophene or Electron-Accepting Pyridine and 1,3,4-Oxadiazole Moieties. <i>Journal of Physical Chemistry A</i> , 2005, 109, 7764-7774.	1.1	34
343	Polyfluorene-Based Light-Emitting Rod-Coil Block Copolymers. <i>Macromolecules</i> , 2005, 38, 8494-8502.	2.2	85
344	Electrochemical impedance spectroscopy of poly(3-methoxythiophene) thin films in aqueous LiClO ₄ solutions. <i>Synthetic Metals</i> , 2005, 155, 569-575.	2.1	23
345	Two bands structure of the photoluminescence excitation spectrum of the composite bands in a-C:H luminescence. <i>Diamond and Related Materials</i> , 2005, 14, 1041-1046.	1.8	6
346	Linearly polarised organic light-emitting diodes (OLEDs): synthesis and characterisation of a novel hole-transporting photoalignment copolymer. <i>Journal of Materials Chemistry</i> , 2005, 15, 3208.	6.7	40
347	Synthesis, Light Harvesting, and Energy Transfer Properties of a Zinc Porphyrin Linked Poly(phenyleneethynylene). <i>Macromolecules</i> , 2005, 38, 1180-1189.	2.2	58
348	Theoretical Study on the Electronic Structure and Optical Properties of Mercury-Containing Diethynylfluorene Monomer, Oligomer, and Polymer. <i>Organometallics</i> , 2005, 24, 385-394.	1.1	30
349	Chlorophyll-layer-inserted poly(3-hexyl-thiophene) solar cell having a high light-to-current conversion efficiency up to 1.48%. <i>Applied Physics Letters</i> , 2005, 87, 123102.	1.5	34
350	Synthesis, Characterization, and Field-Effect Transistor Performance of Carboxylate-Functionalized Polythiophenes with Increased Air Stability. <i>Chemistry of Materials</i> , 2005, 17, 4892-4899.	3.2	185
351	Ab Initio Investigations of the Electric Field Dependence of the Geometric and Electronic Structures of Molecular Wires. <i>Journal of Physical Chemistry A</i> , 2006, 110, 11130-11135.	1.1	66
352	New iridium complex as high-efficiency red phosphorescent emitter in polymer light-emitting devices. <i>Journal of Materials Chemistry</i> , 2006, 16, 1281.	6.7	108
353	High-efficiency multilayer polymeric blue light-emitting diodes using boronate esters as cross-linking linkages. <i>Journal of Materials Chemistry</i> , 2006, 16, 593-601.	6.7	15
354	Synthesis and Optical Properties on a Series of Polyethers Incorporating Terfluorene Segments and Methylene Spacers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2006, 43, 419-431.	1.2	6
355	Creating Polymer Structures of Tunable Electric Functionality by Nanoscale Discharge-Assisted Cross-Linking and Oxygenation. <i>Journal of the American Chemical Society</i> , 2006, 128, 2738-2744.	6.6	43

#	ARTICLE	IF	CITATIONS
356	Enhanced Open-Circuit Voltage in Subphthalocyanine/C60 Organic Photovoltaic Cells. <i>Journal of the American Chemical Society</i> , 2006, 128, 8108-8109.	6.6	454
357	Electron transport in networks of gold nanoparticles connected by oligothiophene molecular wires. <i>Journal of Materials Chemistry</i> , 2006, 16, 3459.	6.7	37
358	Synthesis and Properties of Novel Low-Band-Gap Thienopyrazine-Based Poly(heteroarylenevinylene)s. <i>Macromolecules</i> , 2006, 39, 7844-7853.	2.2	53
359	Oligothiophene Catenanes and Knots: A Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2006, 110, 10098-10105.	1.1	26
360	Red Emitting N-Functionalized Poly(1,4-diketo-3,6-diphenylpyrrolo[3,4-c]pyrrole) (Poly-DPP): A Deeply Colored Polymer with Unusually Large Stokes Shift. <i>Macromolecules</i> , 2006, 39, 8250-8256.	2.2	91
361	Conjugated alternating copolymers of fluorene and 2-pyridine-4-ylidenemalononitrile: synthesis, characterization and electroluminescent properties. <i>Journal of Materials Chemistry</i> , 2006, 16, 376-383.	6.7	31
362	Bistable Electrical Switching and Memory Effects in a Thin Film of Copolymer Containing Electron Donor-Acceptor Moieties and Europium Complexes. <i>Journal of Physical Chemistry B</i> , 2006, 110, 23995-24001.	1.2	65
363	Oligothiophenes of DDnT and DPnT type: Morphology, field effect transistors, performance in vacuum and in air. <i>Synthetic Metals</i> , 2006, 156, 21-26.	2.1	15
364	Electrochemical synthesis, characterization and photophysics of a poly(fluorenylene vinylene) derivative. <i>Synthetic Metals</i> , 2006, 156, 104-109.	2.1	19
365	Electrochemical and optical studies of the band gaps of alternating polyfluorene copolymers. <i>Synthetic Metals</i> , 2006, 156, 614-623.	2.1	165
366	Molecular Modification of 2,6-Diphenylbenzo[1,2-b:4,5-b']dichalcogenophenes by Introduction of Strong Electron-withdrawing Groups: Conversion from p- to n-Channel OFET Materials. <i>Chemistry Letters</i> , 2006, 35, 1200-1201.	0.7	39
367	Sonochemical synthesis of novel blue-emissive, water-soluble, cationic polysilanes as fluorescent sensors. <i>Journal of Polymer Science Part A</i> , 2006, 44, 3513-3525.	2.5	16
368	Fluorene copolymers containing bithiophene/2,5- or 2,6-pyridine units: A study of their optical, electrochemical, and electroluminescence properties. <i>Journal of Polymer Science Part A</i> , 2006, 44, 4611-4620.	2.5	36
369	Symmetrical and unsymmetrical perylene diimides: Their synthesis, photophysical and electrochemical properties. <i>Dyes and Pigments</i> , 2006, 69, 118-127.	2.0	59
370	Voltammetric, EQCM, and in situ conductivity studies of 3,6-bis(2-thienyl)-N-ethyl carbazole. <i>Electrochimica Acta</i> , 2006, 51, 3668-3673.	2.6	11
371	TD-DFT investigation on the low-lying excited states of spiro-bithiophene. <i>Chemical Physics Letters</i> , 2006, 429, 180-184.	1.2	22
372	Field-effect transistors with good performance using new electron donor-acceptor molecules as the active layers. <i>Chemical Physics Letters</i> , 2006, 431, 370-374.	1.2	3
373	Non-volatile WORM memory device based on an acrylate polymer with electron donating carbazole pendant groups. <i>Organic Electronics</i> , 2006, 7, 173-180.	1.4	106

#	ARTICLE	IF	CITATIONS
374	The electronic structure and optical properties of carbazole-based conjugated oligomers and polymers: A theoretical investigation. <i>Polymer</i> , 2006, 47, 1397-1404.	1.8	68
375	An alternating low band-gap polyfluorene for optoelectronic devices. <i>Polymer</i> , 2006, 47, 4261-4268.	1.8	128
376	Synthesis and characteristics of bis(2,4-dimethyl-8-quinolinolato)(triphenylsilanolato)aluminum (III): A potential hole-blocking material for the organic light-emitting diodes. <i>Journal of Organometallic Chemistry</i> , 2006, 691, 2701-2707.	0.8	9
377	Energy transfer and morphology study of a new iridium based cyclometalated phosphorescent complex. <i>Optical Materials</i> , 2006, 28, 1355-1361.	1.7	18
378	Structural, electronic and optical properties of a series of oligofluorene-thiophene oligomers and polymers. <i>Computational and Theoretical Chemistry</i> , 2006, 758, 29-39.	1.5	17
379	Polymer solar cells with low-bandgap polymers blended with C70-derivative give photocurrent at 1 μ m. <i>Thin Solid Films</i> , 2006, 511-512, 576-580.	0.8	56
380	Does the donor-acceptor concept work for designing synthetic metals?. <i>Journal of Molecular Modeling</i> , 2006, 12, 687-701.	0.8	52
381	Theoretical investigations on the modulation of the polymer electronic and optical properties by introduction of phenoxazine. <i>Polymer</i> , 2006, 47, 3229-3239.	1.8	11
382	Novel blue-light-emitting polymers based on a diphenylanthracene moiety. <i>Journal of Applied Polymer Science</i> , 2006, 100, 2151-2157.	1.3	15
383	Ethynylazulenes - Building Blocks for Novel Oligoazulenes with Ethynyl and Butadiynyl Bridges. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 791-802.	1.2	36
384	Red Emitting Diphenylpyrrolopyrrole (DPP)-Based Polymers Prepared by Stille and Heck Coupling. <i>Macromolecular Chemistry and Physics</i> , 2006, 207, 2206-2214.	1.1	53
385	Thienopyrazine-Based Low-Bandgap Poly(heteroaryleneethynylene)s for Photovoltaic Devices. <i>Macromolecular Rapid Communications</i> , 2006, 27, 1454-1459.	2.0	161
386	White-Light Emission from a Single Polymer with Singlet and Triplet Chromophores on the Backbone. <i>Macromolecular Rapid Communications</i> , 2006, 27, 2095-2100.	2.0	57
387	Synthesis of 2,7-Carbazolenevinylene-Based Copolymers and Characterization of Their Photovoltaic Properties. <i>Advanced Functional Materials</i> , 2006, 16, 1694-1704.	7.8	116
388	Syntheses and Characterization of Polyimide containing Metal Phthalocyanine for Organic Electroluminescent Devices. <i>High Performance Polymers</i> , 2006, 18, 679-696.	0.8	3
389	WORM-Type Memory Device Based on a Conjugated Copolymer Containing Europium Complex in the Main Chain. <i>Electrochemical and Solid-State Letters</i> , 2006, 9, G268.	2.2	40
390	Synthesis and memory properties of a conjugated copolymer of fluorene and benzoate with chelated europium complex. <i>Journal of Applied Physics</i> , 2006, 100, 084508.	1.1	36
391	Injection and transport processes in organic light emitting diodes based on a silole derivative. <i>Journal of Applied Physics</i> , 2006, 99, 084907.	1.1	23

#	ARTICLE	IF	CITATIONS
392	On the Origin of Mesoscopic Inhomogeneity of Conducting Polymers. <i>Journal of Physical Chemistry B</i> , 2007, 111, 9253-9269.	1.2	50
393	Nonvolatile Polymer Memory Device Based on Bistable Electrical Switching in a Thin Film of Poly(N-vinylcarbazole) with Covalently Bonded C60. <i>Langmuir</i> , 2007, 23, 312-319.	1.6	172
394	Photoluminescence and Electroluminescence Characteristics of Benzoxazole Dendrimers. <i>Molecular Crystals and Liquid Crystals</i> , 2007, 463, 15/[297]-24/[306].	0.4	0
395	Synthesis and Electroluminescent Properties of Soluble Poly(3,6-fluorene) and Its Copolymer. <i>Organic Letters</i> , 2007, 9, 4371-4373.	2.4	35
396	Highly Luminescent 1,4-Diketo-3,6-diphenylpyrrolo[3,4-c]pyrrole- (DPP-) Based Conjugated Polymers Prepared Upon Suzuki Coupling. <i>Macromolecules</i> , 2007, 40, 6981-6989.	2.2	140
397	Molecular engineering of two-dimensional π -conjugation: expected and unexpected photophysical consequences of a simple particle-in-a-box approach. <i>Journal of Materials Chemistry</i> , 2007, 17, 1969-1980.	6.7	19
398	Solution-Processed Organic Field-Effect Transistors Based on Polythiophene Derivatives with Conjugated Bridges as Linking Chains. <i>Chemistry of Materials</i> , 2007, 19, 3361-3363.	3.2	42
399	Synthesis and Characterization of Random Copolymers Combining Terfluorene Segments and Hole or Electron Transporting Moieties. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2007, 44, 923-930.	1.2	1
400	Photophysical, electrochemical, and crystallographic investigation of conjugated fluoreno azomethines and their precursors. <i>Journal of Materials Chemistry</i> , 2007, 17, 2801-2811.	6.7	34
401	Synthesis, Characterization, and Photophysics of Electroluminescent Copolymers with a Quinoline-Based Iridium Complex in the Main Chain: A Versatile Method for Constructing Metal-Containing Copolymers. <i>Organometallics</i> , 2007, 26, 3699-3707.	1.1	59
402	Conformation-Induced Electrical Bistability in Non-conjugated Polymers with Pendant Carbazole Moieties. <i>Chemistry of Materials</i> , 2007, 19, 5148-5157.	3.2	125
403	Interchain Impacts on Electronic Structures of Heterocyclic Oligomers and Polymers Containing Group 14, 15, and 16 Heteroatoms: A Quantum Chemical Calculations in Combination with Molecular Dynamics Simulations. <i>Journal of Physical Chemistry B</i> , 2007, 111, 11670-11679.	1.2	38
404	Solvent Effects on Electronic Structures and Chain Conformations of π -Oligothiophenes in Polar and Apolar Solutions. <i>Journal of Physical Chemistry B</i> , 2007, 111, 4128-4136.	1.2	41
405	A Highly Conjugated p- and n-Type Polythiophenoazomethine: A Synthesis, Spectroscopic, and Electrochemical Investigation. <i>Macromolecules</i> , 2007, 40, 1792-1795.	2.2	60
406	Effective Hamiltonians and Pseudo-Operators as Tools for Rigorous Modelling. <i>Advances in Chemical Physics</i> , 2007, , 321-412.	0.3	90
407	Synthesis of a Soluble n-Type Cyano Substituted Polythiophene Derivative: A Potential Electron Acceptor in Polymeric Solar Cells. <i>Journal of Physical Chemistry C</i> , 2007, 111, 10732-10740.	1.5	46
408	High-Efficiency Electrophosphorescent Copolymers Containing Charged Iridium Complexes in the Side Chains. <i>Chemistry - A European Journal</i> , 2007, 13, 7432-7442.	1.7	43
409	High-Efficiency Red Phosphorescent Iridium Dendrimers with Charge-Transporting Dendrons: Synthesis and Electroluminescent Properties. <i>Advanced Functional Materials</i> , 2007, 17, 3580-3589.	7.8	93

#	ARTICLE	IF	CITATIONS
410	Electronic Properties of Two Series of Blue-Emitting Conjugated Oligomers and Polymers Based on Cyanostilbene: A Quantum Chemistry Study. <i>Chinese Journal of Chemistry</i> , 2007, 25, 1491-1498.	2.6	1
411	DFT calculations of the local spin densities and oligomerization mechanism of thiophene-phenylene (TP) co-oligomers and derivatives. <i>Computational and Theoretical Chemistry</i> , 2007, 814, 25-32.	1.5	16
412	Theoretical study on electronic structure and optical properties of novel donor-acceptor conjugated copolymers derived from benzothiadiazole and benzoselenadiazole. <i>Computational and Theoretical Chemistry</i> , 2007, 816, 161-170.	1.5	25
413	Electrochemical impedance spectroscopy of polybithiophene films in an aqueous LiClO ₄ solution. <i>Comptes Rendus Chimie</i> , 2007, 10, 558-563.	0.2	12
414	Synthesis, photochemical, and electrochemical properties of naphthalene-1,4,5,8-tetracarboxylic acid-bis-(N,N-bis-(2,2,4(2,4,4)-trimethylhexyl)polyimide)) and poly(N,N-bis-(2,2,4(2,4,4)-trimethyl-6-aminoethyl) 3,4,9,10-perylenetetracarboxydiimide). <i>European Polymer Journal</i> , 2007, 43, 2308-2320.	2.6	21
415	A theoretical investigation on the absorption and emission properties of isomeric benzofuran trimers. <i>Optical Materials</i> , 2007, 29, 1571-1578.	1.7	7
416	New rod-coil block copolymers consisting of terfluorene segments and electron transporting units as the flexible blocks. <i>European Polymer Journal</i> , 2007, 43, 5065-5075.	2.6	7
417	Polymeric light emitting properties and structural relationships of fluorene-based conjugated copolymers containing various hole transporting derivatives. <i>Organic Electronics</i> , 2007, 8, 272-285.	1.4	40
418	Novel chemosensory materials based on polyfluorenes with 2-(2-pyridyl)-benzimidazole and 5-methyl-3-(pyridin-2-yl)-1,2,4-triazole groups in the side chain. <i>Polymer</i> , 2007, 48, 1245-1254.	1.8	15
419	Blue light-emitting diodes based on novel polyfluorene copolymers. <i>Journal of Luminescence</i> , 2007, 122-123, 610-613.	1.5	3
420	Solution and solid state properties of 3,3'-di-dodecylquaterthiophene and benzodithiophene copolymers. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2007, 4, 4092-4098.	0.8	5
421	Synthesis and properties of new fluorinated ester, thioester, and amide substituted polythiophenes. Towards superhydrophobic surfaces. <i>Journal of Polymer Science Part A</i> , 2007, 45, 4707-4719.	2.5	15
422	Theoretical studies of the structures and optical properties of the bifluorene and its derivatives. <i>Journal of Physical Organic Chemistry</i> , 2007, 20, 130-137.	0.9	5
423	Thermal, photophysical, and electrochemical characterization of a conjugated polyazomethine prepared by anodic electropolymerization of a thiophenoazomethine co-monomer. <i>Materials Letters</i> , 2007, 61, 5102-5106.	1.3	30
424	Electrochemical bandgaps of a series of poly-3-p-phenylthiophenes. <i>Journal of Solid State Electrochemistry</i> , 2007, 11, 1605-1612.	1.2	26
425	Low potential of starburst six-arylamino compounds generating conducting polymers. <i>Journal of Solid State Electrochemistry</i> , 2007, 11, 1009-1012.	1.2	1
426	Spectroelectrochemistry of intrinsically conducting furan-3-chlorothiophene copolymers. <i>Journal of Solid State Electrochemistry</i> , 2007, 12, 81-94.	1.2	15
427	Theoretical studies on the electronic and optical properties of two blue-emitting fluorene-pyridine-based copolymers. <i>Optical Materials</i> , 2007, 29, 642-650.	1.7	17

#	ARTICLE	IF	CITATIONS
428	Theoretical studies on the electronic structures and optical properties of the oligomers involving bipyridyl, thiophenyl and ethynyl groups. <i>Polymer</i> , 2007, 48, 502-511.	1.8	40
429	Photo-physical and semi-empirical studies of a dominant blue light emitting 1,4-dibenzthiazolyl benzene. <i>Journal of Physics and Chemistry of Solids</i> , 2007, 68, 617-621.	1.9	2
430	Electrochemistry and photoelectrochemistry of two donor-acceptor polythiophene polymers with acceptor moieties in the main chain. <i>Journal of Electroanalytical Chemistry</i> , 2008, 612, 219-230.	1.9	19
431	Metallocene-containing conjugated polymers. <i>Advances in Colloid and Interface Science</i> , 2008, 139, 97-149.	7.0	58
432	Amino-containing saturated red light-emitting copolymers based on fluorene and carbazole units. <i>Dyes and Pigments</i> , 2008, 78, 165-172.	2.0	5
433	Charge transportation and photo generation process in polythiophene functionalized with tin (II) phthalocyanine (SnPc-PT) thin film. <i>Solar Energy Materials and Solar Cells</i> , 2008, 92, 1516-1525.	3.0	18
434	Electrochemical determination of mesoscopic phenomena, defect states in CdSe nanocrystals and charge carrier manipulability. <i>Mikrochimica Acta</i> , 2008, 160, 299-308.	2.5	35
435	Controlling Co-tunneling Currents in Nanoparticle Networks Using Spin-Polarized Wire Molecules. <i>Small</i> , 2008, 4, 471-475.	5.2	20
436	Molecular design of efficient white-light-emitting fluorene-based copolymers by mixing singlet and triplet emission. <i>Journal of Polymer Science Part A</i> , 2008, 46, 453-463.	2.5	49
437	Linear π -conjugated polymers containing 2,4,6-tris(thiophen-2-yl)-1,3,5-triazine unit: Synthesis and optical properties. <i>Journal of Polymer Science Part A</i> , 2008, 46, 702-712.	2.5	24
438	Alternating fluorene copolymers containing isothianaphthene derivatives: A study of their aggregation properties and small band gap. <i>Journal of Polymer Science Part A</i> , 2008, 46, 3573-3590.	2.5	25
439	Synthesis, properties, and field effect transistor characteristics of new thiophene-[1,2,5]thiadiazolo[3,4-g]quinoxaline-thiophene-based conjugated polymers. <i>Journal of Polymer Science Part A</i> , 2008, 46, 6305-6316.	2.5	30
440	Theoretical Studies on the Electronic and Optical Properties of a New Class of Aromatic Oligomers and Polymers. <i>Chinese Journal of Chemistry</i> , 2008, 26, 818-826.	2.6	2
441	Modeling Electron and Hole Transport in Fluoroarene-Oligothiophene Semiconductors: Investigation of Geometric and Electronic Structure Properties. <i>Advanced Functional Materials</i> , 2008, 18, 332-340.	7.8	109
442	Electropolymerized Self-Assembled Monolayers of a 3,4-Ethylenedioxythiophene-Thiophene Hybrid System. <i>Advanced Functional Materials</i> , 2008, 18, 2163-2171.	7.8	32
443	Thick Optical-Quality Films of Substituted Polyacetylenes with Large, Ultrafast Third-Order Nonlinearities and Application to Image Correlation. <i>Advanced Materials</i> , 2008, 20, 3199-3203.	11.1	18
444	Electrochemical properties and electronic structures of two neutral nickel bis(1,2-dithiolene) complexes. <i>Journal of Electroanalytical Chemistry</i> , 2008, 624, 84-90.	1.9	14
445	Highly soluble perylene diimide and oligomeric diimide dyes combining perylene and hexa(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlaid 2008, 79, 224-235.	2.0	34

#	ARTICLE	IF	CITATIONS
446	Synthesis, crystal structure and luminescent properties of new tris- β^2 -diketonate Eu(III) complex with thiadiazolophenanthroline derivative ligand. <i>Inorganic Chemistry Communication</i> , 2008, 11, 1292-1296.	1.8	42
447	New confined p-phenylenevinylene (PPV)-type polymer analogue of poly(phenylene sulfide). <i>European Polymer Journal</i> , 2008, 44, 2886-2892.	2.6	16
448	Heteroatom-Annulated Perylenes: Practical Synthesis, Photophysical Properties, and Solid-State Packing Arrangement. <i>Journal of Organic Chemistry</i> , 2008, 73, 7369-7372.	1.7	99
450	Characterization of semiconducting polymers for thin film transistors. <i>Journal of Vacuum Science & Technology B</i> , 2008, 26, 445-457.	1.3	17
451	Distannylated Isothianaphthene: A Versatile Building Block for Low Bandgap Conjugated Polymers. <i>Macromolecules</i> , 2008, 41, 5563-5570.	2.2	50
453	Highly Efficient and Spectrally Stable Blue-Light-Emitting Polyfluorenes Containing a Dibenzothiophene- <i>S,S'</i> -dioxide Unit. <i>Chemistry of Materials</i> , 2008, 20, 4499-4506.	3.2	127
454	Effect of side chain length on the electrochemical and photoresponse characteristics of poly[3-(2,5-dialkoxyphenyl)thiophenes]. <i>Synthetic Metals</i> , 2008, 158, 307-314.	2.1	4
455	Charge conduction process and photoelectrical properties of Schottky barrier device based on sulfonated nickel phthalocyanine. <i>Synthetic Metals</i> , 2008, 158, 620-629.	2.1	15
456	Polythiophene and Polypyrrole-based Mono- and Multilayers. <i>Polymer Reviews</i> , 2008, 48, 493-530.	5.3	42
457	Trisiazolotriazines: a core for luminescent discotic liquid crystals. <i>Chemical Communications</i> , 2008, , 5134.	2.2	71
458	Chiral substituent containing perylene monoanhydride monoimide and its highly soluble symmetrical diimide: synthesis, photophysics and electrochemistry from dilute solution to solid state. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 936.	1.6	25
459	Synthesis, Structures, and Properties of Disubstituted Heteroacenes on One Side Containing Both Pyrrole and Thiophene Rings. <i>Journal of Organic Chemistry</i> , 2008, 73, 4638-4643.	1.7	50
460	Synthesis and properties of the anti and syn isomers of dibenzothieno[b,d]pyrrole. <i>Chemical Communications</i> , 2008, , 6227.	2.2	52
461	Cotunneling current affected by spin-polarized wire molecules in networked gold nanoparticles. <i>Physical Review B</i> , 2008, 77, .	1.1	41
462	Block Co-oligomers for Organic Electronics and Optoelectronics: Synthesis, Photophysics, Electroluminescence, and Field-Effect Charge Transport of Oligothiophene- <i>b</i> -oligoquinoline- <i>b</i> -oligothiophene Triblock Co-oligomers. <i>Macromolecules</i> , 2008, 41, 3588-3597.	2.2	25
463	Properties of Excited Radical Cations of Substituted Oligothiophenes. <i>Journal of Physical Chemistry A</i> , 2008, 112, 11312-11318.	1.1	11
464	Theoretical Modeling of the Doping Process in Polypyrrole by Calculating UV/Vis Absorption Spectra of Neutral and Charged Oligomers. <i>Journal of Physical Chemistry A</i> , 2008, 112, 11842-11853.	1.1	33
465	New amorphous semiconducting copolymers containing fluorene and thiophene moieties for organic thin-film transistors. <i>Journal of Materials Chemistry</i> , 2008, 18, 1895.	6.7	32

#	ARTICLE	IF	CITATIONS
466	Correlations between Structure and Far-Infrared Active Modes in Polythiophenes. <i>Journal of Physical Chemistry B</i> , 2008, 112, 12662-12665.	1.2	9
467	Tubular Aggregates of Cyclic Oligothiophenes. A Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2008, 112, 3996-4003.	1.1	18
468	Highly Luminescent Polymers Containing the 2,3,5,6-Tetraarylated Pyrrolo[3,4- <i>c</i>]pyrrole-1,4-dione (<i>N</i> -Aryl DPP) Chromophore in the Main Chain. <i>Macromolecules</i> , 2008, 41, 7287-7295.	2.2	56
469	Measurement and validation of PbS nanocrystal energy levels. <i>Applied Physics Letters</i> , 2008, 93, .	1.5	40
470	Thiophenes and their Benzo Derivatives: Structure. , 2008, , 625-739.		4
471	Calamatic liquid crystal blends for organic photovoltaics. , 2008, , .		6
472	Synthesis and Characterization of Polyacetylene with Side-chain Thiophene Functionality. <i>International Journal of Molecular Sciences</i> , 2008, 9, 383-393.	1.8	16
474	How long are the ends of polyene chains?. <i>Journal of Chemical Physics</i> , 2009, 131, 224301.	1.2	10
475	Bistable electrical switching and electronic memory effect in a solution-processable graphene oxide-donor polymer complex. <i>Applied Physics Letters</i> , 2009, 95, .	1.5	118
476	Novel Red Light-Emitting Fluorene-Carbazole Copolymers with Carbazole <i>N</i> -Graft Cyclometalated Ir Complexes. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 457-466.	1.1	13
477	Electrochemical Polymerization of Bis(3,4-ethylenedioxythiophene)-Substituted 1,4-diketodiphenylpyrrolo[3,4- <i>c</i>]pyrrole (DPP) Derivative. <i>Macromolecular Chemistry and Physics</i> , 2009, 210, 431-439.	1.1	35
478	Electrochemical Polymerisation of <i>N</i> -Arylated and <i>N</i> -Alkylated EDOT-Substituted Pyrrolo[3,4- <i>c</i>]pyrrole-1,4-dione (DPP) Derivatives: Influence of Substitution Pattern on Optical and Electronic Properties. <i>Macromolecular Rapid Communications</i> , 2009, 30, 1834-1840.	2.0	26
479	Novel white-light-emitting polyfluorenes with benzothiadiazole and Ir complex on the backbone. <i>Polymer</i> , 2009, 50, 1430-1437.	1.8	60
480	Synthesis and characterization of 2,1,3-benzothiadiazole-thieno[3,2- <i>b</i>]thiophene-based charge transferred-type polymers for photovoltaic application. <i>Solar Energy Materials and Solar Cells</i> , 2009, 93, 1932-1938.	3.0	35
481	Influence of nitro group substitution at molecular ligand on optical, structural, charge-transport and photovoltaic properties of Sn (II) phthalocyanine. <i>Journal of Materials Science: Materials in Electronics</i> , 2009, 20, 984-995.	1.1	5
482	Theoretical design study on multifunctional triphenyl amino-based derivatives for OLEDs. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 1104-1113.	0.9	20
483	Linking polythiophene chains with vinylene-bridges: A way to improve charge transport in polymer field-effect transistors. <i>Journal of Polymer Science Part A</i> , 2009, 47, 1381-1392.	2.5	11
484	Synthesis and characterization of indeno[1,2- <i>b</i>]fluorene-based white light-emitting copolymer. <i>Journal of Polymer Science Part A</i> , 2009, 47, 3467-3479.	2.5	34

#	ARTICLE	IF	CITATIONS
485	Theoretical investigations on the carbazole-based conjugated polymers containing electron-donating divinylaryl. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2009, 47, 706-714.	2.4	4
486	Investigation on Al(III) and Zn(II) complexes containing a calix[4]arene bearing two 8-oxyquinoline pendant arms used as emitting materials for OLEDs. <i>Materials Science and Engineering C</i> , 2009, 29, 267-270.	3.8	10
487	Enhancement of spectral stability and efficiency on blue light-emitters via introducing dibenzothiophene-S,S-dioxide isomers into polyfluorene backbone. <i>Organic Electronics</i> , 2009, 10, 901-909.	1.4	75
488	A novel blue-light organic electroluminescence material derived from 8-hydroxyquinoline lithium. <i>Organic Electronics</i> , 2009, 10, 918-924.	1.4	16
489	Theoretical investigation of oligo(fluorene) derivatives containing electron-deficient unit 2-pyran-4-ylidene-malononitrile moiety. <i>Computational and Theoretical Chemistry</i> , 2009, 904, 91-97.	1.5	2
490	Measurement of the lowest unoccupied molecular orbital energies of molecular organic semiconductors. <i>Organic Electronics</i> , 2009, 10, 515-520.	1.4	390
491	Novel orange-red light-emitting polymers with cyclometalated iridium complex grafted in alkyl chain. <i>Journal of Organometallic Chemistry</i> , 2009, 694, 2727-2734.	0.8	27
492	Novel, blue light-emitting polyfluorenes containing a fluorinated quinoxaline unit. <i>Dyes and Pigments</i> , 2009, 82, 251-257.	2.0	23
493	Functional Templates for Hybrid Materials with Orthogonal Functionality. <i>Langmuir</i> , 2009, 25, 10202-10208.	1.6	31
494	A [3,2-b]thienothiophene-alt-benzothiadiazole copolymer for photovoltaic applications: design, synthesis, material characterization and device performances. <i>Journal of Materials Chemistry</i> , 2009, 19, 4946.	6.7	61
495	High Open-Circuit Voltage Photovoltaic Cells with a Low Bandgap Copolymer of Isothianaphthene, Thiophene, and Benzothiadiazole Units. <i>Journal of Physical Chemistry C</i> , 2009, 113, 21928-21936.	1.5	21
496	Efficient Electron Delocalization Mediated by Aromatic Homoconjugation in 7,7-Diphenylnorbornane Derivatives. <i>Journal of Organic Chemistry</i> , 2009, 74, 7148-7156.	1.7	26
497	Solution-Processible Organic Semiconductors Based on Selenophene-Containing Heteroarenes, 2,7-Dialkyl[1]benzoselenopheno[3,2-b]thiophenes (C _n -BSBs): Syntheses, Properties, Molecular Arrangements, and Field-Effect Transistor Characteristics. <i>Chemistry of Materials</i> , 2009, 21, 903-912.	3.2	89
498	New Semiconducting Polymers Containing 3,6-Dimethyl(thieno[3,2-b]thiophene or Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 2009, 21, 2650-2660.	3.2	51
499	Density functional study of the electronic and optical properties of fluorene-thieno[3,2-b]thiophene-based conjugated copolymers. <i>Molecular Simulation</i> , 2009, 35, 737-747.	0.9	3
500	Enhancement of the Morphology and Open Circuit Voltage in Bilayer Polymer/Fullerene Solar Cells. <i>Journal of Physical Chemistry C</i> , 2009, 113, 11408-11415.	1.5	63
501	Photocurrent mechanism and photovoltaic properties of photo-electrochemical device based on PPAT and PPAT:TY blend. <i>Synthetic Metals</i> , 2009, 159, 52-61.	2.1	9
502	Synthesis and electrochemical properties of a new class of boron-containing n-type conjugated polymers. <i>Synthetic Metals</i> , 2009, 159, 1443-1449.	2.1	53

#	ARTICLE	IF	CITATIONS
503	Synthesis and characterization of 9,10-bis(2-phenyl-1,3,4-oxadiazole) derivatives of anthracene: Efficient n-type emitter for organic light-emitting diodes. <i>Journal of Materials Chemistry</i> , 2009, 19, 6172.	6.7	49
504	New selenophene-based semiconducting copolymers for high performance organic thin-film transistors. <i>Journal of Materials Chemistry</i> , 2009, 19, 3490.	6.7	59
505	Second harmonic generation in nonsymmetrical squaraines: tuning of the directional charge transfer character in highly delocalized dyes. <i>Journal of Materials Chemistry</i> , 2009, 19, 8190.	6.7	48
506	Spintronics in organic ï€-electronic systems. <i>Journal of Materials Chemistry</i> , 2009, 19, 1738.	6.7	112
508	Insoluble Patterns of Cross-Linkable Conjugated Polymers from Blend Demixing in Spin Cast Films. <i>Macromolecules</i> , 2009, 42, 7903-7912.	2.2	34
509	Novel p-Phenylenevinylene Compounds Containing Thiophene or Anthracene Moieties and Cyano Vinylene Bonds for Photovoltaic Applications. <i>ACS Applied Materials & Interfaces</i> , 2009, 1, 1711-1718.	4.0	36
510	Direct measurement of charge transport through helical poly(ethyl propiolate) nanorods wired into gaps in single walled carbon nanotubes. <i>Nanotechnology</i> , 2009, 20, 105201.	1.3	12
511	Electrically bistable nonvolatile switching devices fabricated with a high performance polyimide bearing diphenylcarbonyl moieties. <i>Journal of Materials Chemistry</i> , 2009, 19, 2207.	6.7	63
512	Second-order perturbation theory with complete and restricted active space reference functions applied to oligomeric unsaturated hydrocarbons. <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 10964.	1.3	40
513	High efficiency organic photovoltaic cells based on a vapor deposited squaraine donor. <i>Applied Physics Letters</i> , 2009, 94, .	1.5	101
515	Tristable electrical conductivity switching in a polyfluorene-diphenylpyridine copolymer with pendant carbazole groups. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2009, 367, 4203-4214.	1.6	23
516	Molecular Modification of 2,7-Diphenyl[1]benzothieno[3,2- <i>b</i>]benzothiophene (DPh-BTBT) with Diarylamino Substituents: From Crystalline Order to Amorphous State in Evaporated Thin Films. <i>Chemistry Letters</i> , 2009, 38, 420-421.	0.7	7
517	Near-Infrared Organic Compounds and Emerging Applications. <i>Chemistry - an Asian Journal</i> , 2010, 5, 1006-1029.	1.7	667
518	Hexathienoacene: Synthesis, Characterization, and Thin-Film Transistors. <i>Chemistry - an Asian Journal</i> , 2010, 5, 1550-1554.	1.7	24
519	Electrochemistry of Conducting Polymers-Persistent Models and New Concepts. <i>Chemical Reviews</i> , 2010, 110, 4724-4771.	23.0	1,039
520	Theoretical design study on photophysical property of the B-N derivatives for OLED applications. <i>Theoretical Chemistry Accounts</i> , 2010, 126, 361-369.	0.5	13
521	Fluorene-based oligomers as red light-emitting materials: a density functional theory study. <i>Theoretical Chemistry Accounts</i> , 2010, 126, 305-314.	0.5	3
522	Synthesis, optophysical and electrochemical properties of bipolar-transporting europium(III) complexes with carbazole and oxadiazole units. <i>Tetrahedron</i> , 2010, 66, 7411-7417.	1.0	18

#	ARTICLE	IF	CITATIONS
523	Synthesis and characterization of copolymers based on benzothiadiazole-thiophene-phenylenevinylene. Chinese Journal of Polymer Science (English Edition), 2010, 28, 931-939.	2.0	3
524	Effects of substitution and terminal groups for liquid-crystallinity enhanced luminescence of disubstituted polyacetylenes carrying chromophoric terphenyl pendants. Science China Chemistry, 2010, 53, 1302-1315.	4.2	7
525	Synthesis, Photophysical and Electrochemical Characterization of the Heteroleptic Iridium Complexes with Modified Ancillary Ligand by Carrier-Transporting Groups. Chinese Journal of Chemistry, 2010, 28, 2455-2462.	2.6	6
526	Squaraine Compounds: Tailored Design and Synthesis towards a Variety of Material Science Applications. European Journal of Organic Chemistry, 2010, 2010, 1207-1225.	1.2	292
527	Blue Photoluminescence from Chemically Derived Graphene Oxide. Advanced Materials, 2010, 22, 505-509.	11.1	1,824
528	Synthesis, Structures, and Properties of Fused Thiophenes for Organic Field-Effect Transistors. Chemistry - A European Journal, 2010, 16, 2231-2239.	1.7	66
529	Étude Théorique des Propriétés Électroniques et Electrochimiques de la Polyaniline. Bulletin Des Sociétés Chimiques Belges, 1986, 95, 511-521.	0.0	3
530	Antistatic Polymer Layers Applied from Aqueous Compositions to Photographic Materials. Bulletin Des Sociétés Chimiques Belges, 1990, 99, 981-989.	0.0	4
531	Synthesis and Characterization of Red-Emitting Poly(aryleneethynylene)s Based on 2,5-Bis(2-ethylhexyl)-3,6-di(thiophen-2-yl)pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione (DPP). Macromolecular Chemistry and Physics, 2010, 211, 1043-1053.	1.4	24
532	Electronic Properties and Photovoltaic Performances of a Series of Oligothiophene Copolymers Incorporating Both Thieno[3,2- <i>b</i>]thiophene and 2,1,3-Benzothiadiazole Moieties. Macromolecular Rapid Communications, 2010, 31, 651-656.	2.0	35
533	Synthesis of benzoselenadiazole-based small molecule and phenylenevinylene copolymer and their application for efficient bulk heterojunction solar cells. Organic Electronics, 2010, 11, 311-321.	1.4	29
534	New soluble rigid rod copolymers comprising alternating 2-amino-pyrimidine and phenylene repeat units: Syntheses, characterization, optical and electrochemical properties. Polymer, 2010, 51, 437-446.	1.8	16
535	Cross-linked polymers based on 2,3,5,6-tetra-substituted pyrrolo[3,4-c]pyrrole-1,4(2H,5H)-dione (DPP): Synthesis, optical and electronic properties. Polymer, 2010, 51, 6107-6114.	1.8	30
536	On the properties of new benzothiazole derivatives for organic light emitting diodes (OLEDs): A comprehensive theoretical study. Journal of Physics and Chemistry of Solids, 2010, 71, 1225-1235.	1.9	27
537	Density functional theory study on photophysical properties of the porphyrins derivatives with through-bond energy transfer characters. Organic Electronics, 2010, 11, 979-989.	1.4	19
538	Blue light emitting graphene-based materials and their use in generating white light. Solid State Communications, 2010, 150, 1774-1777.	0.9	114
539	Synthesis and properties of novel low band-gap polymers bearing squaraine units. Chinese Chemical Letters, 2010, 21, 245-248.	4.8	7
540	Structural and electrochemical properties of gold-deposited carbon nanotube composites. Current Applied Physics, 2010, 10, S201-S205.	1.1	6

#	ARTICLE	IF	CITATIONS
541	Porphyrin counter anion in imidazolium-modified graphene-oxide. <i>Carbon</i> , 2010, 48, 854-860.	5.4	93
542	The synthesis of novel, unsymmetrically substituted, chiral naphthalene and perylene diimides: Photophysical, electrochemical, chiroptical and intramolecular charge transfer properties. <i>Dyes and Pigments</i> , 2010, 84, 1-13.	2.0	86
543	Poly(phenylenvinylen); Entwicklung eines elektroaktiven Polymermaterials vom unschmelzbaren Pulver zum transparenten Film. <i>Zeitschrift für Chemie</i> , 1987, 27, 126-137.	0.0	105
544	Low-band gap copolymers containing thienothiadiazole units: Synthesis, optical, and electrochemical properties. <i>Journal of Polymer Science Part A</i> , 2010, 48, 2743-2756.	2.5	31
545	Regioregular poly(3-alkanylthiophene): Synthesis and electrochemical, photophysical, charge transport, and photovoltaic properties. <i>Journal of Polymer Science Part A</i> , 2010, 48, 4681-4690.	2.5	21
546	Synthesis and Identification of a Hyperbranched Polymer of Tris(8-hydroxyquinoline) Aluminum Linked with Ethylene Glycol. <i>Advanced Materials Research</i> , 0, 105-106, 305-309.	0.3	0
548	Electronic Properties of the 2,6-Diiododithieno[3,2- <i>b</i> :2',3'- <i>d</i>]thiophene Molecule and Crystal: A Joint Experimental and Theoretical Study. <i>Journal of Physical Chemistry B</i> , 2010, 114, 749-755.	1.2	21
549	Photoelectronic characterization of IgG antibody molecule-quantum dot hybrid as biosensing probe. <i>Nanotechnology</i> , 2010, 21, 425501.	1.3	5
550	Hybrid conjugated polymer/semiconductor photovoltaic cells. <i>Synthetic Metals</i> , 2010, 160, 1-15.	2.1	149
551	3,12-Dimethoxy-7,8-dicyano-[5]helicene as a novel emissive material for organic light-emitting diode. <i>Synthetic Metals</i> , 2010, 160, 1148-1152.	2.1	103
552	Large spectral shifts of electronic transitions in MoSI molecular wire dispersions as a function of bundle diameter. <i>Synthetic Metals</i> , 2010, 160, 2389-2392.	2.1	2
553	Thermal aging of single-layer polymer light-emitting diodes composed of a carbazole and oxadiazole containing copolymer doped with singlet or triplet emitters. <i>Synthetic Metals</i> , 2010, 160, 2486-2493.	2.1	11
554	New Blue-Photoluminescent Semi-Conducting Polymer Derived from Fluorinated Bisphenol A. <i>High Performance Polymers</i> , 2010, 22, 483-497.	0.8	10
555	Carbazole nematic liquid crystals. <i>Liquid Crystals</i> , 2010, 37, 1289-1303.	0.9	13
556	Synthesis and Electron Transfer Characteristics of a Neutral, Low-Band-Gap, Mixed-Valence Polyradical. <i>Chemistry of Materials</i> , 2010, 22, 6641-6655.	3.2	35
557	Synthesis and characterization of indeno[1,2- <i>b</i>]fluorene-based low bandgap copolymers for photovoltaic cells. <i>Journal of Materials Chemistry</i> , 2010, 20, 1577.	6.7	45
558	Phosphorescent sensitized fluorescent solid-state near-infrared light-emitting electrochemical cells. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 17729.	1.3	55
559	Highly Efficient and Stable Deep Blue Light Emitting Poly(9,9-dialkoxyphenyl-2,7-silafuorene): Synthesis and Electroluminescent Properties. <i>Macromolecules</i> , 2011, 44, 17-19.	2.2	25

#	ARTICLE	IF	CITATIONS
560	Donor-acceptor Donor-based π -Conjugated Oligomers for Nonlinear Optics and Near-IR Emission. <i>Chemistry of Materials</i> , 2011, 23, 3805-3817.	3.2	189
561	Spectroscopy of Free-Base N-Confused Tetraphenylporphyrin Radical Anion and Radical Cation. <i>Journal of Physical Chemistry A</i> , 2011, 115, 6456-6471.	1.1	17
562	Structural and Electronic Properties of Poly[<i>N</i> -(2-cyanoalkyl)pyrrole]s Bearing Small Alkyl Groups. <i>Journal of Physical Chemistry B</i> , 2011, 115, 2882-2889.	1.2	7
563	Liquid crystalline organic semiconductors: nematic spiro[cyclopentyl-1,9]fluorenes. <i>Liquid Crystals</i> , 2011, 38, 813-829.	0.9	9
564	Two-dimensional copolymers with D ^A type side chains for organic thin-film transistors: Synthesis and properties. <i>Polymer Chemistry</i> , 2011, 2, 2842.	1.9	5
565	Red light-emitting hyperbranched fluorene-alt-carbazole copolymers with an iridium complex as the core. <i>Polymer Chemistry</i> , 2011, 2, 2193.	1.9	35
566	GRAPHENE PRODUCED BY RADIATION-INDUCED REDUCTION OF GRAPHENE OXIDE. <i>International Journal of Nanoscience</i> , 2011, 10, 559-566.	0.4	99
567	Synthesis, characterization and optical properties of distyrylanthracene-based polymers. <i>High Performance Polymers</i> , 2011, 23, 290-299.	0.8	7
568	A new tunable light-emitting and π -stacked hexa-ethyleneglycol naphthalene-bisimide oligomer: synthesis, photophysics and electrochemical properties. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1283-1293.	1.6	19
569	Carbazole-Based Copolymers: Effects of Conjugation Breaks and Steric Hindrance. <i>Macromolecules</i> , 2011, 44, 1909-1919.	2.2	75
570	Theoretical investigation of nitrogen-linked poly(2,7-carbazole)s as hole-transport materials for organic light emitting diodes. <i>Computational and Theoretical Chemistry</i> , 2011, 969, 71-75.	1.1	3
571	Towards Color Stable Blue Primary for Displays: Suppress Field-Dependent Color Change in a Multilayered Electroluminescent Device. <i>Journal of Display Technology</i> , 2011, 7, 96-104.	1.3	5
572	Synthesis and characterization of new electroluminescent poly(p-phenylene) derivative. <i>Synthetic Metals</i> , 2011, 161, 1463-1468.	2.1	16
573	Synthesis and characterization of a novel fullerene derivative containing carbazole group for use in organic solar cells. <i>Synthetic Metals</i> , 2011, 161, 1330-1335.	2.1	13
574	Synthesis and photophysical properties of hyperbranched polyfluorenes containing 2,4,6-tris(thiophen-2-yl)-1,3,5-triazine as the core. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 8838.	1.3	26
575	Synthesis and photovoltaic properties of two-dimensional D ^A copolymers with conjugated side chains. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3852-3862.	2.5	14
576	First-principles study of polyacetylene derivatives bearing nitroxide radicals. <i>Physical Review B</i> , 2011, 84, .	1.1	7
577	Low band gap poly(1,4-arylene-2,5-thienylene)s with benzothiadiazole units: Synthesis, characterization and application in polymer solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2011, 95, 3490-3503.	3.0	26

#	ARTICLE	IF	CITATIONS
578	Novel quinonediimines derived from amino acid-like structures 1: Characterization and DFT computational study: N,N-bis(5-benzimidazolyl)-1,4-quinonediimine. Journal of Molecular Structure, 2011, 1004, 319-328.	1.8	9
579	Conjugated copolymers based on poly(fluorenylene vinylene) derivatives containing push-pull units: Synthesis and characterization. Materials Chemistry and Physics, 2011, 130, 223-230.	2.0	5
580	Synthesis, characterization and photophysics of fluorene-alt-oxadiazole copolymers containing pendent iridium (III) complex moiety. European Polymer Journal, 2011, 47, 1836-1841.	2.6	14
581	Hyperbranched polytriazoles with high molecular compressibility: aggregation-induced emission and superamplified explosive detection. Journal of Materials Chemistry, 2011, 21, 4056.	6.7	275
582	Two novel propylenedioxythiophene-based copolymers with donor-acceptor structures for organic solar cell materials. Journal of Materials Science, 2011, 46, 4005-4012.	1.7	8
583	Synthesis and characterization of novel poly(aryleneethynylene)s derived from squaraines for photovoltaic applications. Journal of Materials Science, 2011, 46, 5363-5370.	1.7	11
584	Redox driven conductance changes for resistive memory. Applied Physics A: Materials Science and Processing, 2011, 102, 841-850.	1.1	38
585	Theoretical prediction of ionization/oxidation potentials in conjugated polymers. Theoretical Chemistry Accounts, 2011, 128, 157-164.	0.5	10
586	Theoretical design study on photophysical property of the organoboron quinolate derivatives. Theoretical Chemistry Accounts, 2011, 129, 63-71.	0.5	2
587	Tuning the electronic structures and optical properties of fluorene-based donor-acceptor copolymers by changing the acceptors: a theoretical study. Theoretical Chemistry Accounts, 2011, 129, 257-270.	0.5	18
588	Synthesis and luminescent properties of branched oligophenylenefluorenes. Mendeleev Communications, 2011, 21, 9-11.	0.6	5
589	Nonlinear optical properties and memory effects of the azo polymers carrying different substituents. Dyes and Pigments, 2011, 88, 18-24.	2.0	42
590	Synthesis and characterization of a novel fullerene derivative for use in organic solar cells. Solar Energy Materials and Solar Cells, 2011, 95, 1182-1187.	3.0	19
591	Hyperbranched poly(arylene ethynylene)s with triphenylamine core for polymer light-emitting diodes. Journal of Polymer Science Part A, 2011, 49, 832-841.	2.5	16
592	Alternating narrow band gap copolymers derived from indeno[1,2-b]fluorene and thiophene-cored thieno[3,4-pyrazine derivatives” Synthesis, characterization and comparative studies of photochemical stability. Journal of Polymer Science Part A, 2011, 49, 2969-2979.	2.5	6
593	New light-emitting poly{(9,9-diethylfluorenyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 142Td (vinylene)-co-	1.6	14
594	Electrochemical Considerations for Determining Absolute Frontier Orbital Energy Levels of Conjugated Polymers for Solar Cell Applications. Advanced Materials, 2011, 23, 2367-2371.	11.1	1,751
595	Controlling the Dimensionality of Charge Transport in an Organic Electrochemical Transistor by Capacitive Coupling. Advanced Materials, 2011, 23, 4764-4769.	11.1	52

#	ARTICLE	IF	CITATIONS
596	Discotic Nickel Bis(dithiolene) Complexes - Synthesis, Optoelectrochemical and Mesomorphic Properties. European Journal of Inorganic Chemistry, 2011, 2011, 2663-2676.	1.0	18
597	Alternating Copolymers Based on 2,1,3-Benzothiadiazole and Hexylthiophene: Positioning Effect of Hexyl Chains on the Photophysical and Electrochemical Properties. European Journal of Organic Chemistry, 2011, 2011, n/a-n/a.	1.2	13
598	Synthesis and characterization of new anthracene-based semiconducting polyethers. Journal of Applied Polymer Science, 2011, 119, 1443-1449.	1.3	20
599	Synthesis, characterization, and photophysical properties of novel poly(p-phenylene vinylene) derivatives with conjugated thiophene as side chains. Journal of Applied Polymer Science, 2011, 120, 3387-3394.	1.3	8
600	Different properties for poly(3,4-ethylenedioxythiophene) films derived from single or multiple polymerization steps. Journal of Applied Polymer Science, 2011, 121, 1982-1991.	1.3	17
601	Blue-luminescent poly(p-phenylenevinylene) derivatives: Synthesis and effect of side-group size on the optical properties. European Polymer Journal, 2011, 47, 78-87.	2.6	23
602	Synthesis, structural characterization, and photo and electroluminescence of a novel terbium(III) complex: {Tris(acetylacetonate) [1,2,5]thiadiazolo[3,4-f][1,10]phenanthroline}terbium(III). Inorganica Chimica Acta, 2011, 365, 152-158.	1.2	30
603	Calculation of Hammett Equation parameters for some N,N'-bis (substituted-phenyl)-1,4-quinonediimines by density functional theory. Journal of Molecular Structure, 2011, 1000, 109-119.	1.8	5
604	Efficient sky-blue and blue-green light-emitting electrochemical cells based on cationic iridium complexes using 1,2,4-triazole-pyridine as the ancillary ligand with cyanogen group in alkyl chain. Organic Electronics, 2011, 12, 766-773.	1.4	68
605	Theoretical study on alkyne-linked carbazole polymers for blue-light multifunctional materials. Journal of Luminescence, 2011, 131, 2083-2088.	1.5	1
606	Tweezers-like aromatic molecules and their luminescent properties depending on the structures. Tetrahedron Letters, 2011, 52, 3883-3885.	0.7	6
607	Electrochemical Impedance Spectroscopic Study of Polythiophenes on Carbon Materials. Polymer-Plastics Technology and Engineering, 2011, 50, 1130-1148.	1.9	28
608	Organic Bulk Heterojunction Solar Cell Based on Rosebengal: ncTiO ₂ and Parameter Extraction by Simulation. Advanced Materials Research, 2011, 403-408, 4304-4310.	0.3	0
609	Unified Hamiltonian for conducting polymers. Journal of Physics Condensed Matter, 2011, 23, 455501.	0.7	8
610	Synthesis and Optical Study of a New Oligophenylene. Polymers, 2012, 4, 1226-1241.	2.0	2
611	Spectrally stable deep blue-emitting polyfluorenes containing dibenzothiophene moiety. Journal of Photonics for Energy, 2012, 2, 021212.		
612	Structure - Property Relationships Based on Phenyl-1H-Pyrrole End-Capped Thiophene Semiconductors. Australian Journal of Chemistry, 2012, 65, 1252.	0.5	5
613	Molecular Kondo Chain. Nano Letters, 2012, 12, 3174-3179.	4.5	101

#	ARTICLE	IF	CITATIONS
614	Influence of Solvents and Surface Treatment on Photovoltaic Response of DSSC Based on Natural Curcumin Dye. <i>IEEE Journal of Photovoltaics</i> , 2012, 2, 312-319.	1.5	41
615	Carbazole-containing fullerene derivatives for P3HT-based bulk-heterojunction solar cells. <i>Solar Energy Materials and Solar Cells</i> , 2012, 105, 6-14.	3.0	33
616	A new building block, bis(thiophene vinyl)-pyrimidine, for constructing excellent two-photon absorption materials: synthesis, crystal structure and properties. <i>Journal of Materials Chemistry</i> , 2012, 22, 4343.	6.7	34
617	Synthesis of Thiophene-Based π -Conjugated Polymers Containing Oxadiazole or Thiadiazole Moieties and Their Application to Organic Photovoltaics. <i>Macromolecules</i> , 2012, 45, 9046-9055.	2.2	40
618	Synthesis and characterization of new anthracene-based semi-conducting materials. <i>Journal of Materials Science</i> , 2012, 47, 8067-8075.	1.7	18
619	Opto-electronic properties and molecular design of new materials based on pyrrole studied by DFT. <i>Research on Chemical Intermediates</i> , 2012, 38, 1375-1388.	1.3	8
620	Electron Transport in Acceptor-Sensitized Polymer π -Oxide Solar Cells: The Importance of Surface Dipoles and Electron Cascade Effects. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 2955-2963.	4.0	11
621	Effect of polymer chain conformation on field-effect transistor performance: synthesis and properties of two arylene imide based D π A copolymers. <i>Journal of Materials Chemistry</i> , 2012, 22, 14639.	6.7	37
622	New insights into the characterization of poly(3-chlorothiophene) for electrochromic devices. <i>Polymer Chemistry</i> , 2012, 3, 436-449.	1.9	18
623	Local Scanning Probe Polymerization of an Organic Monolayer Covalently Grafted on Silicon. <i>Langmuir</i> , 2012, 28, 14496-14501.	1.6	7
624	Electrochemistry and electrogenerated chemiluminescence of thiophene and fluorene oligomers. Benzoyl peroxide as a coreactant for oligomerization of thiophene dimers. <i>Chemical Science</i> , 2012, 3, 2628.	3.7	26
625	Properties of poly(3-halidethiophene)s. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 10050.	1.3	8
626	Donor π Acceptor Conjugated Polymers Based on <i>p</i> - and <i>o</i> -Benzodifuranone and Thiophene Derivatives: Electrochemical Preparation and Optical and Electronic Properties. <i>Macromolecules</i> , 2012, 45, 743-750.	2.2	35
627	Interdigitated π -stacked low band gap polymers through Friedel Crafts post functionalization of Suzuki coupled phenylene-alt-thiophene copolymers. <i>Synthetic Metals</i> , 2012, 162, 1240-1254.	2.1	8
628	Improved stability in N-alkylated organic semiconductors for thin film transistors: Synthesis and characterization of N,N π -dialkylated dihydrodiazapentacene derivatives. <i>Synthetic Metals</i> , 2012, 162, 1264-1270.	2.1	11
629	Synthesis and properties of new liquid crystals derivatives of 2,7-diethynyl-9,9-dihexylfluorene. <i>Liquid Crystals</i> , 2012, 39, 847-856.	0.9	7
630	Electrochemical and spectroelectrochemical properties of fluorene-based derivatives as precursors for conjugated polymers. <i>Journal of Electroanalytical Chemistry</i> , 2012, 668, 90-98.	1.9	0
631	Novel quinonediimines derived from amino acid-like structures 2: Characterization and DFT computational study of N,N π -bis(4 π -l-phenylalaninyl)-1,4-quinonediimine. <i>Journal of Molecular Structure</i> , 2012, 1022, 181-188.	1.8	5

#	ARTICLE	IF	CITATIONS
632	Synthesis and characterization of a solution processible deep blue light-emitting molecule composed of fluorene and pyrene units. <i>Current Applied Physics</i> , 2012, 12, e33-e37.	1.1	4
633	Functionalizing molecular wires: a tunable class of $\pm 1/4, 1/2$ -diphenyl- $1/4, 1/2$ -dicyano-oligoenes. <i>Chemical Science</i> , 2012, 3, 1007.	3.7	29
634	Synthesis of a soluble fulleropyrrolidine derivative for use as an electron acceptor in bulk-heterojunction polymer solar cells. <i>Synthetic Metals</i> , 2012, 162, 483-489.	2.1	22
635	Tailoring of Molecular Planarity to Reduce Charge Injection Barrier for High-Performance Small-Molecule-Based Ternary Memory Device with Low Threshold Voltage. <i>Advanced Materials</i> , 2012, 24, 6210-6215.	11.1	131
636	A linear conjugated core for functional columnar liquid crystals. <i>New Journal of Chemistry</i> , 2012, 36, 830.	1.4	11
638	Copper-Catalyzed Dehydrogenative Polycondensation of a Bis-Aniline Hexylthiophene-Based Monomer: A Kinetically Controlled Air-Tolerant Process. <i>Macromolecules</i> , 2012, 45, 9547-9550.	2.2	20
639	Synthesis, photophysical and electrochemical properties and theoretical studies on three novel indolo[3,2-b]carbazole derivatives containing benzothiazole units. <i>Tetrahedron</i> , 2012, 68, 9788-9794.	1.0	13
640	Effect of ionic liquids on the electroluminescence of yellowish-green light-emitting electrochemical cells using bis(2-(2,4-difluorophenyl)pyridine)4,7-diphenyl-1,10-phenanthroline-iridium(III) hexafluorophosphate. <i>Materials Chemistry and Physics</i> , 2012, 136, 173-178.	2.0	26
642	Fabrication and Performance of Copper Phthalocyanine/Squaraine Dye/Perylene Composite with Bulk Heterojunctions by the Solution Blending Process. <i>Industrial & Engineering Chemistry Research</i> , 2012, 51, 3630-3638.	1.8	11
643	Synthesis, X-ray crystal structures, optical properties and modelling data of neutral bis(1,2-dithiolene) nickel complexes of the α -non-cyclic SR-family. <i>New Journal of Chemistry</i> , 2012, 36, 2033.	1.4	2
644	White light electroluminescence from graphene-enhanced single polymer comprising two color emitters of equal molar ratios. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2012, 50, 280-288.	2.4	2
645	Evolution of physical properties of conjugated systems. <i>Physica Status Solidi (B): Basic Research</i> , 2012, 249, 306-316.	0.7	6
646	3,6-Dialkylthieno[3,2- <i>b</i>]thiophene moiety as a soluble and electron donating unit preserving the coplanarity of photovoltaic low band gap copolymers. <i>Journal of Polymer Science Part A</i> , 2012, 50, 1861-1868.	2.5	39
647	Novel Radiation-Induced Properties of Graphene and Related Materials. <i>Macromolecular Chemistry and Physics</i> , 2012, 213, 1146-1163.	1.1	67
648	Nanocomposites based on highly luminescent nanocrystals and semiconducting conjugated polymer for inkjet printing. <i>Nanotechnology</i> , 2012, 23, 075701.	1.3	10
649	Synthesis and chemical modification of new luminescent substituted poly(<i>p</i> -phenylene) polymers. <i>Journal of Applied Polymer Science</i> , 2012, 125, 3913-3919.	1.3	5
650	A structurally ordered thiophene-thiazole copolymer for organic thin-film transistors. <i>Science China Chemistry</i> , 2012, 55, 760-765.	4.2	5
651	Topochemically photoreacted fluorescent dimers of 2,3-dicyanopyrazines. <i>Dyes and Pigments</i> , 2012, 94, 49-54.	2.0	1

#	ARTICLE	IF	CITATIONS
652	Bipolar-transporting dinuclear europium(III) complexes involving carbazole and oxadiazole units: Synthesis, photophysical and electroluminescent properties. <i>Dyes and Pigments</i> , 2012, 95, 322-329.	2.0	8
653	Fully visible-light-harvesting conjugated polymers with pendant donor- π -acceptor chromophores for photovoltaic applications. <i>Solar Energy Materials and Solar Cells</i> , 2012, 97, 50-58.	3.0	16
654	π -conjugated polymers containing pendant Mn ¹² cluster: Synthesis and physical properties. <i>Polymer</i> , 2012, 53, 241-247.	1.8	0
655	Synthesis and properties of novel donor- π -acceptor copolymers based on thiophene and squaraine moieties. <i>Polymer Bulletin</i> , 2012, 68, 349-360.	1.7	6
656	Novel thieno[3,4-c]pyrrole-4,6-dione-based conjugated copolymers with donor- π -acceptor structures. <i>Journal of Materials Science</i> , 2012, 47, 323-331.	1.7	7
657	A novel dimesitylboron-substituted indolo[3,2-b]carbazole derivative: Synthesis, electrochemical, photoluminescent and electroluminescent properties. <i>Organic Electronics</i> , 2013, 14, 868-874.	1.4	32
658	A novel asymmetric indolo[3,2-b]carbazole derivative containing benzothiazole and dimesitylboron units: Synthesis, photophysical and sensing properties. <i>Synthetic Metals</i> , 2013, 179, 42-48.	2.1	14
659	Synthesis and photovoltaic behavior of two new alternative donor- π -acceptor conjugated copolymers containing isoindigo moiety. <i>Polymers for Advanced Technologies</i> , 2013, 24, 945-950.	1.6	6
660	Electrosynthesis and characterization of viologen cross linked thiophene copolymer. <i>Electrochimica Acta</i> , 2013, 97, 378-385.	2.6	33
661	Red, Green, and Blue Light-Emitting Polyfluorenes Containing a Dibenzothiophene- <i>S,S'</i> -Dioxide Unit and Efficient High-Corresponding Index White-Light-Emitting Diodes Made Therefrom. <i>Advanced Functional Materials</i> , 2013, 23, 4366-4376.	7.8	121
662	Photovoltaic properties of graphene nanodisk-integrated polymer composites. <i>Composites Part B: Engineering</i> , 2013, 55, 548-557.	5.9	22
663	New naphthalene polyimide with unusual molar absorption coefficient and excited state properties: Synthesis, photophysics and electrochemistry. <i>Journal of Luminescence</i> , 2013, 143, 542-550.	1.5	10
664	Effect of spacer insertion in a commonly used dithienosilole/benzothiadiazole-based low band gap copolymer for polymer solar cells. <i>European Polymer Journal</i> , 2013, 49, 4176-4188.	2.6	22
665	Structure-directed functional properties of symmetrical and unsymmetrical Br-substituted Schiff-bases. <i>Journal of Molecular Structure</i> , 2013, 1049, 377-385.	1.8	15
666	New anthracene-based soluble polymers: optical and charge carrier transport properties. <i>Journal of Polymer Research</i> , 2013, 20, 1.	1.2	15
667	Optimizing the Energy Offset between Dye and Hole-Transporting Material in Solid-State Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2013, 117, 19850-19858.	1.5	19
668	π -Electron Conjugation in Two Dimensions. <i>Journal of the American Chemical Society</i> , 2013, 135, 16585-16594.	6.6	214
669	Blue and blue- π -green PhOLEDs prepared with neutral heteroleptic iridium(III) complexes comprising substituted pyridine-1,2,4-triazoles as the ancillary ligands. <i>Synthetic Metals</i> , 2013, 182, 13-21.	2.1	20

#	ARTICLE	IF	CITATIONS
670	Low Band Gap Polymers Design Approach Based on a Mix of Aromatic and Quinoid Structures. <i>Macromolecules</i> , 2013, 46, 6873-6880.	2.2	36
671	Synthesis of Dendrimers Based on Tetrakis(thiophene-2-yl)ethene as New Dendron. <i>Organic Letters</i> , 2013, 15, 354-357.	2.4	9
672	Theoretical studies on the electronic structures and optical properties of star-shaped triazatruxene/heterofluorene co-polymers. <i>Dyes and Pigments</i> , 2013, 96, 349-363.	2.0	97
673	Synthesis, electropolymerization, and photoelectrochemical characterization of 2,7-di(thiophen-2-yl)-N-methylcarbazole. <i>Polymer Bulletin</i> , 2013, 70, 35-46.	1.7	8
674	Inducing a high twisted conformation in the polyimide structure by bulky donor moieties for the development of non-volatile memory. <i>European Polymer Journal</i> , 2013, 49, 3377-3386.	2.6	22
675	Synthesis and Spectroscopic and Electrochemical Properties of an Axially Symmetric Fullerene- π -Porphyrin Dyad with a Rigid Pyrrolo[3,4-c]pyrrole Spacer. <i>Journal of Organic Chemistry</i> , 2013, 78, 2542-2552.	1.7	23
676	The effect of two additional Eu ³⁺ lumophors in two novel trinuclear europium complexes on their photoluminescent properties. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 330-338.	1.6	34
677	Conjugated and nonconjugated bipolar-transporting dinuclear europium(III) complexes involving triphenylamine and oxadiazole units: synthesis, photophysical and electroluminescent properties. <i>Tetrahedron</i> , 2013, 69, 4679-4686.	1.0	8
678	Effect of aluminum chloride on formation of a polyconjugated bond system in the initial stage of polyvinyl alcohol thermal decomposition. <i>Journal of Applied Spectroscopy</i> , 2013, 80, 30-35.	0.3	2
679	Laser printing and characterization of semiconducting polymers for organic electronics. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 110, 559-563.	1.1	20
680	Experimental and Theoretical Study of the n -Doped Successive Polyanions of Oligocruciform Molecular Wires: Up to Five Units of Charge. <i>ChemPhysChem</i> , 2013, 14, 958-969.	1.0	4
681	A Caveat on SCC-DFTB and Noncovalent Interactions Involving Sulfur Atoms. <i>Journal of Chemical Theory and Computation</i> , 2013, 9, 3020-3025.	2.3	13
682	Synthesis and characterization of new carbazole-based materials for optoelectronic applications. <i>Tetrahedron Letters</i> , 2013, 54, 4026-4029.	0.7	20
683	The Importance of Fullerene Percolation in the Mixed Regions of Polymer- π -Fullerene Bulk Heterojunction Solar Cells. <i>Advanced Energy Materials</i> , 2013, 3, 364-374.	10.2	412
684	Band gap energy and optical transitions in polyenes formed by thermal decomposition of polyvinyl alcohol. <i>Journal of Applied Spectroscopy</i> , 2013, 80, 384-388.	0.3	3
685	Bipolar iridium dendrimers containing carbazolyl dendron and 1,2,4-triazole unit for solution-processed saturated red electrophosphorescence. <i>Dyes and Pigments</i> , 2013, 99, 41-51.	2.0	16
686	Molecular Construction Kit for Tuning Solubility, Stability and Luminescence Properties: Heteroleptic MePyrPHOS-Copper Iodide-Complexes and their Application in Organic Light-Emitting Diodes. <i>Chemistry of Materials</i> , 2013, 25, 3414-3426.	3.2	147
687	Red-emitting Materials Derived from 2,3-dicyanopyrazine for Organic Light Emitting Devices. <i>Journal of Chemical Research</i> , 2013, 37, 57-61.	0.6	1

#	ARTICLE	IF	CITATIONS
688	Molecular design and energy gap tuning. , 2013, , 13-32.		0
689	- Molecular design and energy gap tuning. , 2013, , 24-43.		0
690	Nickel-Dithiolene Ion-Pair Compounds Showing Thermotropic Liquid Crystal Behaviors and Alkyl Chain Length Dependent Electrochemical Properties. <i>Soft Materials</i> , 2014, 12, 166-178.	0.8	9
691	Spectroscopic analysis of polyfuran and theoretical investigation of electronic properties of oligofurans: Destined for the solar cell applications. , 2014, , .		2
692	New poly(p-phenylenevinylene) derivatives containing isosorbide unit in the side-chain. <i>EXPRESS Polymer Letters</i> , 2014, 8, 709-722.	1.1	9
693	Polythiophenes Comprising Conjugated Pendants for Polymer Solar Cells: A Review. <i>Materials</i> , 2014, 7, 2411-2439.	1.3	56
694	Inkjet printing of organic electrochemical immunosensors. , 2014, , .		5
695	Towards a Safe Lithium-Sulfur Battery with a Flame-Inhibiting Electrolyte and a Sulfur-Based Composite Cathode. <i>Angewandte Chemie</i> , 2014, 126, 10263-10268.	1.6	20
696	Spin Crossover Probes Confer Multistability to Organic Conducting Polymers. <i>Advanced Materials</i> , 2014, 26, 6785-6789.	11.1	92
697	Development of high-performance printed polymer field-effect transistors for flexible display. <i>Journal of Information Display</i> , 2014, 15, 213-229.	2.1	12
698	Electrospun Polymer Fibers for Electronic Applications. <i>Materials</i> , 2014, 7, 906-947.	1.3	99
699	Effect of photocurrent enhancement in porphyrin-graphene covalent hybrids. <i>Materials Science and Engineering C</i> , 2014, 34, 186-192.	3.8	25
700	Synthesis and Characterization of Ethycarbazole and Thiazole Containing Polymers. <i>Electrochimica Acta</i> , 2014, 122, 141-149.	2.6	2
701	Quantification of Nano- and Mesoscale Phase Separation and Relation to Donor and Acceptor Quantum Efficiency, J_{sc} , and FF in Polymer:Fullerene Solar Cells. <i>Advanced Materials</i> , 2014, 26, 4234-4241.	11.1	127
702	Improved electroluminescence efficiency of polyfluorenes by simultaneously incorporating dibenzothiophene-S,S-dioxide unit in main chain and oxadiazole moiety in side chain. <i>Polymer</i> , 2014, 55, 1698-1706.	1.8	22
703	Synthesis, Characterization, and Non-Volatile Memory Device Application of an N-Substituted Heteroacene. <i>Chemistry - an Asian Journal</i> , 2014, 9, 779-783.	1.7	123
704	Near Infrared Organic Semiconducting Materials for Bulk Heterojunction and Dye-Sensitized Solar Cells. <i>Chemical Record</i> , 2014, 14, 419-481.	2.9	20
705	Synthesis and spectroscopic characterization of a fluorescent pyrrole derivative containing electron acceptor and donor groups. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 128, 812-818.	2.0	16

#	ARTICLE	IF	CITATIONS
706	A star-shaped bipolar host material based on carbazole and dimesitylboron moieties for fabrication of highly efficient red, green and blue electrophosphorescent devices. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2160-2168.	2.7	25
707	Electrochemical and optical properties of new electrochromic and fluorescent nitrobenzoyl polypyrrole derivatives. <i>Electrochimica Acta</i> , 2014, 123, 441-449.	2.6	15
708	A novel carbazole derivative containing dimesitylboron units: Synthesis, photophysical, aggregation induced emission and electroluminescent properties. <i>Dyes and Pigments</i> , 2014, 104, 34-40.	2.0	14
709	Synthesis and Characterization of Thiophene and Thiazole Containing Polymers. <i>Electrochimica Acta</i> , 2014, 122, 130-140.	2.6	19
710	Benzodithiophene-based poly(aryleneethynylene)s: Synthesis, optical properties, and applications in organic solar cells. <i>Journal of Polymer Science Part A</i> , 2014, 52, 208-215.	2.5	20
711	Enhanced polymer light-emitting diode property using fluorescent conducting polymer-reduced graphene oxide nanocomposite as active emissive layer. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	11
712	Electroluminescent Properties of LECs Based on Ionic Transition Metal Complexes Using Tetrazole-Based Ancillary Ligand. <i>Journal of Solution Chemistry</i> , 2014, 43, 1710-1721.	0.6	9
713	Computational investigation of interaction of polypyrrole on the surface of single-walled carbon nanotube. <i>Journal of Molecular Modeling</i> , 2014, 20, 2414.	0.8	2
714	Towards a Safe Lithium-Sulfur Battery with a Flame-Inhibiting Electrolyte and a Sulfur-Based Composite Cathode. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10099-10104.	7.2	178
715	A fluorescent polymer film with self-assembled three-dimensionally ordered nanopores: preparation, characterization and its application for explosives detection. <i>Journal of Materials Chemistry A</i> , 2014, 2, 14613-14621.	5.2	58
716	New Semiconducting Poly(arylene sulfide)s: Synthesis, Characterization, and Optical Properties. <i>International Journal of Polymer Analysis and Characterization</i> , 2014, 19, 594-610.	0.9	7
717	Synthesis and energy band characterization of hybrid molecular materials based on organo-polyoxometalate charge-transfer salts. <i>Journal of Solid State Chemistry</i> , 2014, 219, 93-98.	1.4	14
718	Design and synthesis of pyromellitic diimide-based donor-acceptor conjugated polymers for photovoltaic application. <i>Polymers for Advanced Technologies</i> , 2014, 25, 809-815.	1.6	1
719	Synthesis and characterizations of poly(3,6-thienophenanthrene) and poly(2,7-thienophenanthrene) and their applications in polymer light-emitting devices and solar cells. <i>Organic Electronics</i> , 2014, 15, 2311-2321.	1.4	6
720	Two novel indolo[3,2-b]carbazole derivatives containing dimesitylboron moieties: synthesis, photoluminescent and electroluminescent properties. <i>New Journal of Chemistry</i> , 2014, 38, 2368-2378.	1.4	37
721	Synthesis and characterization of poly(2,5-didecyl-1,4-phenylene vinylene), poly(2,5-didecyloxy-1,4-phenylene vinylene), and their alternating copolymer. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	5
722	High-Yield Formation of Substituted Tetracyanobutadienes from Reaction of Ynamides with Tetracyanoethylene. <i>Chemistry - A European Journal</i> , 2014, 20, 9553-9557.	1.7	48
723	Characterization of the Polymer Energy Landscape in Polymer:Fullerene Bulk Heterojunctions with Pure and Mixed Phases. <i>Journal of the American Chemical Society</i> , 2014, 136, 14078-14088.	6.6	193

#	ARTICLE	IF	CITATIONS
724	Green-Yellow Electroluminescence from a host-dopant blended system as the active layer in a bilayer polymer light emitting diode: Poly(n-vinyl carbazole) as the host and a new soluble thiophene based copolymer [poly(2,2'-BT)-co-(3-DDT)] as the dopant. <i>Optical Materials</i> , 2014, 37, 760-765.	1.7	11
725	Alloyed Copper Chalcogenide Nanoplatelets <i>via</i> Partial Cation Exchange Reactions. <i>ACS Nano</i> , 2014, 8, 8407-8418.	7.3	123
726	Dye-Sensitized Polymer Composites for Sunlight Harvesting. <i>ACS Symposium Series</i> , 2014, , 29-47.	0.5	0
727	Optical and electrical properties of novel peripherally tetra and mono -quinoleinoxy substituted metallophthalocyanines. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 2878-2888.	1.1	5
728	Interface Effect on the Electropolymerized Polypyrrole Films with Hollow Micro/Nanohorn Arrays. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 4693-4704.	4.0	23
729	Synthesis and phosphorescent properties of the copolymers of N-vinylcarbazole, methyl methacrylate and iridium complex. <i>Materials Science-Poland</i> , 2014, 32, 206-213.	0.4	0
730	Synthesis, photophysical and charge-transporting properties of a novel asymmetric indolo [3,2-b]carbazole derivative containing benzothiazole and diphenylamino moieties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 501-508.	2.0	15
731	Flexible Power Fabrics Made of Carbon Nanotubes for Harvesting Thermoelectricity. <i>ACS Nano</i> , 2014, 8, 2377-2386.	7.3	208
732	Solid-State Photogalvanic Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 10696-10705.	4.0	10
733	Size-Dependent Synthesis of Cu ₁₂ Sb ₄ S ₁₃ Nanocrystals with Bandgap Tunability. <i>Particle and Particle Systems Characterization</i> , 2015, 32, 999-1005.	1.2	35
734	DFT Study of Polythiophene Energy Band Gap and Substitution Effects. <i>Journal of Chemistry</i> , 2015, 2015, 1-12.	0.9	24
735	New semi-conducting rotaxane based on β -cyclodextrin and anthracene moieties. <i>Materials Science in Semiconductor Processing</i> , 2015, 34, 189-197.	1.9	6
736	Structure-property relationship of isomeric diphenylethenyl-disubstituted dimethoxycarbazoles. <i>RSC Advances</i> , 2015, 5, 49577-49589.	1.7	17
737	Carbazole Functionalized Star Shaped Triazine Monomer and Its Electrochromic Applications. <i>Journal of the Electrochemical Society</i> , 2015, 162, H527-H534.	1.3	33
738	Energy Alignment of Frontier Orbitals and Suppression of Charge Recombinations in P3HT/SWNT. <i>Journal of Physical Chemistry C</i> , 2015, 119, 26258-26265.	1.5	7
739	Oligothiophenes with the naphthalene core for organic thin-film transistors: variation in positions of bithiophenyl attachment to the naphthalene. <i>Synthetic Metals</i> , 2015, 202, 73-81.	2.1	15
740	Synthesis of zinc phthalocyanine with large steric hindrance and its photovoltaic performance for dye-sensitized solar cells. <i>Dalton Transactions</i> , 2015, 44, 5867-5874.	1.6	17
741	Synthesis of two-dimensional π -conjugated polymers pendent with benzothiadiazole and naphtho[1,2-c:5,6-c']bis[1,2,5]thiadiazole moieties for polymer solar cells. <i>Science China Chemistry</i> , 2015, 58, 257-266.	4.2	29

#	ARTICLE	IF	CITATIONS
742	Bulk heterojunction perovskite hybrid solar cells with large fill factor. <i>Energy and Environmental Science</i> , 2015, 8, 1245-1255.	15.6	252
743	Molecular length dictates the nature of charge carriers in single-molecule junctions of oxidized oligothiophenes. <i>Nature Chemistry</i> , 2015, 7, 209-214.	6.6	147
744	Ionic liquids and β -butyrolactone mixtures as electrolytes for supercapacitors operating over extended temperature ranges. <i>RSC Advances</i> , 2015, 5, 13095-13101.	1.7	50
745	Synthesis and third-order nonlinear optical properties of low band gap 3,4-ethylenedioxythiophene-quinoxaline copolymers. <i>European Polymer Journal</i> , 2015, 64, 157-169.	2.6	14
746	Synthesis, characterization, and application to polymer solar cells of polythiophene derivatives with ester- or ketone-substituted phenyl side groups. <i>Journal of Polymer Science Part A</i> , 2015, 53, 875-887.	2.5	6
747	Designing a thiophene-fused DPP unit to build an A-D-A molecule for solution-processed solar cells. <i>Journal of Materials Chemistry A</i> , 2015, 3, 6894-6900.	5.2	28
748	Use of isomeric, aromatic dialdehydes in the synthesis of photoactive, positional isomers of higher analogs of o-bromo(hetero)acetaldehydes. <i>RSC Advances</i> , 2015, 5, 24700-24704.	1.7	7
749	Conducting polymer nanostructures for photocatalysis under visible light. <i>Nature Materials</i> , 2015, 14, 505-511.	13.3	575
750	A novel optical sensor for copper ions based on phthalocyanine tetrasulfonic acid. <i>Sensors and Actuators B: Chemical</i> , 2015, 212, 389-394.	4.0	109
751	Synthesis, aggregation-induced emission and electroluminescence properties of a novel compound containing tetraphenylethene, carbazole and dimesitylboron moieties. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9095-9102.	2.7	17
752	New anthracene-based semi-conducting polymer analogue of poly(phenylene sulfide): Synthesis and photophysical properties. <i>Optical Materials</i> , 2015, 46, 401-408.	1.7	8
753	Electrochemical Spectroscopic Methods for the Fine Band Gap Electronic Structure Mapping in Organic Semiconductors. <i>Journal of Physical Chemistry C</i> , 2015, 119, 15926-15934.	1.5	42
754	The 6,6-Dicyanopentafulvene Core: A Template for the Design of Electron-Acceptor Compounds. <i>Chemistry - A European Journal</i> , 2015, 21, 8168-8176.	1.7	13
755	Synthesis, structure, and spectral and electrochemical properties of chromium(III) tris-(8-hydroxyquinolate). <i>Dalton Transactions</i> , 2015, 44, 11491-11503.	1.6	19
756	Blue light-emitting hyperbranched polymers using fluorene-co-dibenzothiophene-S,S-dioxide as branches. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1043-1051.	2.5	34
757	A novel white-light-emitting conjugated polymer derived from polyfluorene with a hyperbranched structure. <i>New Journal of Chemistry</i> , 2015, 39, 5180-5188.	1.4	31
758	Guided in Situ Polymerization of MEH-PPV in Mesoporous Titania Photoanodes. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 10356-10364.	4.0	1
759	The electronic, optical and magnetic consequences of delocalization in multifunctional donor-acceptor organic polymers. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 11252-11259.	1.3	17

#	ARTICLE	IF	CITATIONS
760	Synthesis and Structure-Property Relationships of Phosphole-Based π -Systems and Their Applications in Organic Solar Cells. <i>Chemical Record</i> , 2015, 15, 636-650.	2.9	38
761	Determination of the optical band gap of Alq3 and its derivatives for the use in two-layer OLEDs. <i>Optical Materials</i> , 2015, 42, 193-198.	1.7	46
762	Synthesis and Fluorescence Properties of Novel indol-3-yl-thiazolo[3,2-a][1,3,5]triazines and indole-3-carbaldehyde Schiff Bases. <i>Journal of Fluorescence</i> , 2015, 25, 1727-1738.	1.3	8
763	New semi-conducting poly(phenylene vinylene-alt-anthrylene vinylene)s: Synthesis, characterization and photophysical properties. <i>Optical Materials</i> , 2015, 50, 114-122.	1.7	4
764	Synthesis and characterization of new helically chiral heptacyclic systems. <i>Tetrahedron Letters</i> , 2015, 56, 6580-6584.	0.7	11
765	Indolo[3,2-b]carbazole-based poly(arylene ethynylene)s. <i>High Performance Polymers</i> , 2015, 27, 571-582.	0.8	7
766	Synthesis and characterization of fluorescent nitrobenzoyl polythiophenes. <i>Electrochimica Acta</i> , 2015, 178, 134-143.	2.6	6
767	N-annelated perylenes as effective green emitters for OLEDs. <i>RSC Advances</i> , 2015, 5, 78150-78159.	1.7	21
768	White Polymer Light-Emitting Electrochemical Cells Fabricated Using Energy Donor and Acceptor Fluorescent π -Conjugated Polymers Based on Concepts of Band-Structure Engineering. <i>Journal of Physical Chemistry C</i> , 2015, 119, 28701-28710.	1.5	34
769	Synthesis, optical, and electrochemical properties of 4-fluorophenyl end-capped oligofluorenes. <i>Journal of Fluorine Chemistry</i> , 2015, 178, 195-201.	0.9	6
770	Near-Infrared Polymer Light-Emitting Diodes with High Efficiency and Low Efficiency Roll-off by Using Solution-Processed Iridium(III) Phosphors. <i>Chemistry of Materials</i> , 2015, 27, 96-104.	3.2	122
771	Light-emitting properties of cationic iridium complexes containing phenanthroline based ancillary ligand with blue-green and green emission colors. <i>Optical Materials</i> , 2015, 39, 40-45.	1.7	10
772	Phosphine oxide functionalized pyrenes as efficient blue light emitting multifunctional materials for organic light emitting diodes. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1208-1224.	2.7	84
773	Synthesis, characterization, and electroluminescence properties of a donor-acceptor type molecule for highly efficient non-doped green organic light-emitting diodes. <i>Synthetic Metals</i> , 2015, 199, 8-13.	2.1	21
774	Selective naked-eye detection of Magnesium (II) ions using a coumarin-derived fluorescent probe. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 216-223.	4.0	325
775	Tuning optical and electronic properties of poly(4,4'-triphenylamine vinylene)s by post-modification reactions. <i>Dyes and Pigments</i> , 2015, 113, 227-238.	2.0	10
776	Improve the photovoltaic performance of new quinoxaline-based conjugated polymers from the view of conjugated length and steric hindrance. <i>Polymer Chemistry</i> , 2015, 6, 55-63.	1.9	22
777	Simple One-Step Method to Synthesize Polypyrrole-Indigo Carmine-Silver Nanocomposite. <i>Journal of Chemistry</i> , 2016, 2016, 1-8.	0.9	10

#	ARTICLE	IF	CITATIONS
779	Electrochemically Prepared Poly(3,4-ethylenedioxythiophene)/Polypyrrole Films with Hollow Micro/Nanohorn Arrays as High-Efficiency Counter Electrodes for Dye-Sensitized Solar Cells. <i>ChemElectroChem</i> , 2016, 3, 1376-1383.	1.7	0
780	Synthesis and fluorescent properties of poly(arylpyrazoline)s for organic-electronics. <i>Optical Materials</i> , 2016, 58, 514-523.	1.7	18
781	Photochemical Behavior and Optoelectronic Applications of Some Conjugated Polymers. <i>Advanced Structured Materials</i> , 2016, , 347-377.	0.3	1
783	Effect of the ethynylene linker on the properties and carrier mobility of naphthalene derivatives with hexylbithienyl arms. <i>Synthetic Metals</i> , 2016, 217, 156-171.	2.1	7
784	Analyses of Thiophene-Based Donor-Acceptor Semiconducting Polymers toward Designing Optical and Conductive Properties: A Theoretical Perspective. <i>Journal of Physical Chemistry C</i> , 2016, 120, 8305-8314.	1.5	17
785	Quantitative Estimation of Exciton Binding Energy of Polythiophene-Derived Polymers Using Polarizable Continuum Model Tuned Range-Separated Density Functional. <i>Journal of Physical Chemistry C</i> , 2016, 120, 8048-8055.	1.5	56
786	A single emitting layer white OLED based on exciplex interface emission. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3851-3856.	2.7	74
787	Inkjet-printed graphene electrodes for dye-sensitized solar cells. <i>Carbon</i> , 2016, 105, 33-41.	5.4	94
788	Re(CO) ₃ Metallopolymers with Complete Metal Monomer Incorporation: Synthetic, Spectroscopic, Electrochemical, and Computational Studies. <i>Macromolecules</i> , 2016, 49, 3016-3027.	2.2	6
789	A new carbazole-based helically chiral architecture: synthesis and physical properties. <i>Tetrahedron Letters</i> , 2016, 57, 2763-2766.	0.7	9
790	Investigation of Fluorination on Donor Moiety of Donor-Acceptor 4,7-Dithienylbenzothiadiazole-Based Conjugated Polymers toward Enhanced Photovoltaic Efficiency. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 26152-26161.	4.0	25
791	Stable 3,6-Linked Fluorenyl Radical Oligomers with Intramolecular Antiferromagnetic Coupling and Polyradical Characters. <i>Journal of the American Chemical Society</i> , 2016, 138, 13048-13058.	6.6	44
792	Cucurbit[7]uril-based fluorene polyrotaxanes. <i>European Polymer Journal</i> , 2016, 83, 256-264.	2.6	10
793	Synthesis, spectroscopic characterizations, cyclic voltammetry investigation and molecular structure of the di- μ -cyanato-N-bis(μ -1,4,7,10,13,16-hexaoxacyclooctadecane)bis(5,10,15,20-tetraphenylporphyrinato)dimagnesiumdipotassium complex. <i>Polyhedron</i> , 2016, 117, 817-825.	1.0	16
794	Photoluminescence quenching of poly(octylfluorenylbenzothiadiazole) luminophore by n-type cobalt(II) salicylaldimine metallodendrimer. <i>Synthetic Metals</i> , 2016, 220, 114-122.	2.1	4
795	Synthesis and study of morphological, optical and electrical properties of new organic semi conducting polymers containing isosorbide pendant group. <i>Synthetic Metals</i> , 2016, 221, 227-235.	2.1	8
796	Structural and Photoelectrical Characterization of Thin Films of a Novel Amphiphilic Oxa[9]helicene Derivative. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 203-211.	2.0	21
797	Functionalization of side chain terminals with fused aromatic rings in carbazole-diketopyrrolopyrrole based conjugated polymers for improved charge transport properties. <i>RSC Advances</i> , 2016, 6, 97783-97790.	1.7	2

#	ARTICLE	IF	CITATIONS
798	A New Family of Fullerene Derivatives Bearing Long Alkyl and Triethyleneglycol Moieties. <i>ChemistrySelect</i> , 2016, 1, 1232-1238.	0.7	2
799	Synthesis, aggregation-induced emission and electroluminescence properties of two new tetraphenylethene derivatives. <i>Tetrahedron Letters</i> , 2016, 57, 4428-4434.	0.7	14
800	White-light-emitting magnetite nanoparticle-polymer composites: photonic reactions of magnetic multi-granule nanoclusters as photothermal agents. <i>Nanoscale</i> , 2016, 8, 17136-17140.	2.8	6
803	A visible light-driven photocatalyst of a stable metal-organic framework based on Cu ₄ Cl clusters and TIPE spacers. <i>Dalton Transactions</i> , 2016, 45, 13477-13482.	1.6	28
804	Synthesis, aggregation-induced emission, and electroluminescence properties of a novel emitter comprising tetraphenylethene and carbazole moieties. <i>Synthetic Metals</i> , 2016, 220, 356-361.	2.1	3
805	Solution-processable bipolar S,S-dioxide-dibenzothiophene chromophores for single-layer organic light-emitting diodes. <i>New Journal of Chemistry</i> , 2016, 40, 7741-7749.	1.4	2
806	Charge-Transfer Complexes. , 2016, , 253-310.		2
807	Spontaneous Charge Carrier Localization in Extended One-Dimensional Systems. <i>Physical Review Letters</i> , 2016, 116, 186401.	2.9	13
808	Charge Transfer Dynamics of Highly Efficient Cyanidin-3-O- Glucoside Sensitizer for Dye-Sensitized Solar Cells. <i>Journal of Physics: Conference Series</i> , 2016, 739, 012031.	0.3	3
809	Ni(II) complex with bishydrazone ligand: synthesis, characterization, DNA binding studies and pro-apoptotic and pro-differentiation induction in human cancerous cell lines. <i>RSC Advances</i> , 2016, 6, 108726-108740.	1.7	16
810	Boosting carbon quantum dots/fullerene electron transfer via surface group engineering. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 31286-31295.	1.3	31
811	Guar gum as a novel binder for sulfur composite cathodes in rechargeable lithium batteries. <i>Chemical Communications</i> , 2016, 52, 13479-13482.	2.2	66
812	Diradical approach toward organic near infrared dyes. <i>Tetrahedron Letters</i> , 2016, 57, 5426-5434.	0.7	32
813	Theoretical and experimental study of donor-bridge-acceptor system: model 2-[5-(9H-fluoren-9-ylidenemethyl)thiophen-2-yl]-1,3,4-oxadiazole derivatives. <i>Monatshefte für Chemie</i> , 2016, 147, 2103-2112.	0.9	2
814	Evaluation of the photocurrent value for poly(2,5-dicyano- p) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 187 Td (-phenylene-vinylene)-co-(p-p) 2016, 20, 2551-2557.	1.2	3
815	Synthesis, electrochemistry, STM investigation of oligothiophene self-assemblies with superior structural order and electronic properties. <i>Chemical Physics</i> , 2016, 481, 191-197.	0.9	8
816	Synthesis, characterization, optical and electrical properties of bis(phenylvinyl)anthracene-based polymers. <i>Optical Materials</i> , 2016, 58, 296-305.	1.7	4
817	Bio-hybrid blended transparent and conductive films PEDOT:PSS:Chitosan exhibiting electro-active and antibacterial properties. <i>European Polymer Journal</i> , 2016, 81, 161-172.	2.6	36

#	ARTICLE	IF	CITATIONS
818	Novel organoboron compounds derived from thieno[3,2-b]thiophene and triphenylamine units for OLED devices. <i>Journal of Materials Chemistry C</i> , 2016, 4, 6045-6053.	2.7	53
819	New high-solubility aromatic polyesters with pendent phenothiazine: Synthesis, electrochromic and optoelectronic properties. <i>Reactive and Functional Polymers</i> , 2016, 108, 63-70.	2.0	17
820	Chemical engineering of donor-acceptor liquid crystalline dyads and triads for the controlled nanostructuring of organic semiconductors. <i>CrystEngComm</i> , 2016, 18, 4787-4798.	1.3	36
821	New π -conjugated polymers as acceptors designed for all polymer solar cells based on imide/amide-derivatives. <i>Journal of Materials Chemistry C</i> , 2016, 4, 185-192.	2.7	39
822	V-shaped organic dyes with triphenylamine core for dye-sensitized solar cells: Simple synthesis with enhanced open-circuit voltage. <i>Synthetic Metals</i> , 2016, 211, 19-24.	2.1	6
823	Influence of anthocyanin co-pigment on electron transport and performance in black rice dye-sensitized solar cell. <i>Ionics</i> , 2016, 22, 1687-1697.	1.2	15
824	The influence of bonding topology on the electronic properties of new Schiff bases containing phenothiazine building blocks. <i>Journal of Electroanalytical Chemistry</i> , 2016, 770, 14-22.	1.9	10
825	Synthesis and characterization of stable main-chain polymeric metal complex dyes based on phenothiazine or carbazole units for dye-sensitized solar cells. <i>Polymer Journal</i> , 2016, 48, 813-819.	1.3	4
826	Synthesis and characterization of a novel poly(isothianaphthene)-C ₆₀ double-cable polymer. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 852-861.	1.1	4
827	Blue-Greenish Electroluminescent Poly(<i>p</i> -phenylenevinylene) Developed for Organic Light-Emitting Diode Applications. <i>Macromolecules</i> , 2016, 49, 1674-1680.	2.2	16
828	Two novel phenylethene-carbazole derivatives containing dimesitylboron groups: Aggregation-induced emission and electroluminescence properties. <i>Dyes and Pigments</i> , 2016, 128, 304-313.	2.0	10
829	Synthesis and ultrafast spectroscopic study of new [6,6]methanofullerenes. <i>RSC Advances</i> , 2016, 6, 24889-24897.	1.7	8
830	Electrosynthesis and properties of poly(3-methylthiophene-pyrrole) composites. <i>Molecular Crystals and Liquid Crystals</i> , 2016, 625, 165-172.	0.4	2
831	Electro-synthesis, characterization and photoconducting performance of ITO/polybithiophene-MnO ₂ composite. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2016, 208, 29-38.	1.7	6
832	Synthesis, aggregation-induced emission, and electroluminescence of a new compound based on tetraphenylethene, carbazole, and dimesitylboron moieties. <i>Tetrahedron</i> , 2016, 72, 2213-2218.	1.0	8
833	How Bond Length Alternation and Thermal Disorder Affect the Optical Excitation Energies of π -Conjugated Chains: A Combined Density Functional Theory and Molecular Dynamics Study. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 1872-1882.	2.3	10
834	Highly efficient and stable blue polymer light emitting diodes based on polysilaflorenes with pendent hole transporting groups. <i>Journal of Materials Chemistry C</i> , 2016, 4, 905-913.	2.7	29
835	Blue light-emitting polymers containing fluorene-based benzothiophene-S,S-dioxide derivatives. <i>Journal of Materials Chemistry C</i> , 2016, 4, 1305-1312.	2.7	25

#	ARTICLE	IF	CITATIONS
836	Fostering protein-calixarene interactions: from molecular recognition to sensing. RSC Advances, 2016, 6, 1659-1669.	1.7	16
837	Design, synthesis and properties of triple-color hyperbranched polymers derived from poly(9,9-dioctylfluorene) with phosphorescent core tris(1-phenylisoquinoline)iridium(III). Dyes and Pigments, 2016, 125, 339-347.	2.0	13
838	Relation between morphology and performance parameters of poly(3-hexylthiophene):Phenyl-C61-butyric acid methyl ester photovoltaic devices. Organic Electronics, 2016, 28, 189-196.	1.4	7
839	Comparison of the electron work function, hole concentration and exciton diffusion length for P3HT and PT prepared by thermal or acid cleavage. Solid-State Electronics, 2016, 116, 111-118.	0.8	14
840	Methyl blue dyed polyethylene oxide films: Optical and electrochemical characterization and application as a single layer organic device. Optical Materials, 2016, 51, 213-222.	1.7	9
841	New anthracene-based-phthalocyanine semi-conducting materials: Synthesis and optoelectronic properties. Materials Research Bulletin, 2016, 75, 144-154.	2.7	19
842	New soluble anthracene-based polymer for opto-electronic applications. Journal of Materials Science, 2016, 51, 680-693.	1.7	7
843	Effect of alkoxy-spacer length and solvent on diluted solutions of cationic isothiuronium polythiophenes. RSC Advances, 2017, 7, 7648-7657.	1.7	8
844	Rylene Ribbons with Unusual Diradical Character. Chem, 2017, 2, 81-92.	5.8	116
845	Homoconjugation in poly(phenylene methylene)s: A case study of non- π -conjugated polymers with unexpected fluorescent properties. Journal of Polymer Science, Part B: Polymer Physics, 2017, 55, 707-720.	2.4	34
846	Complex of hexamethylenetetramine with magnesium-tetraphenylporphyrin: Synthesis, structure, spectroscopic characterizations and electrochemical properties. Journal of Molecular Structure, 2017, 1137, 412-418.	1.8	33
847	A Novel n-Type Organosilane-Metal Ion Hybrid of Rhodamine B and Copper Cation for Low-Temperature Thermoelectric Materials. ACS Applied Materials & Interfaces, 2017, 9, 10946-10954.	4.0	11
848	Enhanced Charge Carrier Mobility and Tailored Luminescence of n-Type Organic Semiconductor through Block Copolymer Supramolecular Assembly. Macromolecular Chemistry and Physics, 2017, 218, 1600508.	1.1	7
849	Synthesis of ZnQ2, CaQ2, and CdQ2 for application in OLED: optical, thermal, and electrical characterizations. Journal of Materials Science: Materials in Electronics, 2017, 28, 7313-7319.	1.1	37
850	Synthesis, characterization, and electroluminescent properties of monodisperse oligofluorenes as emissive materials for organic electroluminescent devices. Journal of the Taiwan Institute of Chemical Engineers, 2017, 71, 69-76.	2.7	4
851	Molecular and thin film properties of cobalt half-sandwich compounds for optoelectronic application. Physical Chemistry Chemical Physics, 2017, 19, 6768-6776.	1.3	9
852	Synthesis and characterization of phenanthrene derivatives for optoelectronic applications. Comptes Rendus Chimie, 2017, 20, 697-703.	0.2	7
853	Cu-Doped Carbon Dots with Highly Ordered Alignment in Anisotropic Nano-Space for Improving the Photocatalytic Performance. Solar Rrl, 2017, 1, 1700029.	3.1	26

#	ARTICLE	IF	CITATIONS
854	Understanding the colorimetric properties of quinoxaline-based pi-conjugated copolymers by tuning their acceptor strength: a joint theoretical and experimental approach. <i>RSC Advances</i> , 2017, 7, 22311-22319.	1.7	4
855	Theoretical study on the poly(m-phenylene) derivatives with lower HOMO-LUMO gaps. <i>Synthetic Metals</i> , 2017, 229, 16-21.	2.1	5
856	A two-dimensional molecule with a large conjugation degree: synthesis, two-photon absorption and charge transport ability. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5199-5206.	2.7	24
857	Deep-blue light-emitting polyfluorenes containing spiro [fluorene-9,9'-thioxanthene-5,5'-dioxide] isomers. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2332-2341.	2.5	18
858	Construction of porous covalent organic polymer as photocatalysts for RhB degradation under visible light. <i>Science Bulletin</i> , 2017, 62, 931-937.	4.3	25
859	Phytic acid doped polyaniline containing epoxy coatings for corrosion protection of Q235 carbon steel. <i>Applied Surface Science</i> , 2017, 419, 826-837.	3.1	113
860	Fluorination induced electronic effects on a Pt(<i>scp</i>) square-planar complex of the o-phenylenediimine ligand. <i>New Journal of Chemistry</i> , 2017, 41, 5487-5492.	1.4	3
861	Hydrogen Bond-Directed Cruciform and Stacked Packing of a Pyrrole-Based Azaphenacene. <i>Crystal Growth and Design</i> , 2017, 17, 3371-3378.	1.4	10
862	Unsymmetrical achiral four ring hockey stick shaped mesogens based on 1,3,4-oxadiazole: Photophysical, mesogenic and DFT studies. <i>Journal of Molecular Liquids</i> , 2017, 241, 881-896.	2.3	9
863	Effect of electron withdrawing substituent and extended π -conjugation on photophysical properties of Ruthenium polyterpyridine D-P-A complexes and interfacial studies with semiconducting TiO ₂ nanoparticle: Experimental and computational evidences. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 346, 416-430.	2.0	4
864	Carbazolyl-substituted quinazolinones as high-triplet-energy materials for phosphorescent organic light emitting diodes. <i>Dyes and Pigments</i> , 2017, 142, 394-405.	2.0	18
865	A novel H ₂ O ₂ biosensor based on three-dimensional micro/nano-biointerfaces. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4233-4238.	2.9	8
866	Electrooptical characteristics and anion binding behaviour of organic receptors: Effect of substitution on colorimetric response. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 673-680.	4.0	9
867	Chain Length Dependence of Energies of Electron and Triplet Polarons in Oligofluorenes. <i>Journal of Physical Chemistry C</i> , 2017, 121, 5959-5967.	1.5	9
868	Contribution of the transition moments, form of the absorption band, exciton, and the correlation effects in the linear and nonlinear optical properties of conjugated polymers. <i>Optical Materials</i> , 2017, 66, 595-604.	1.7	3
869	Towards designing polymers for photovoltaic applications: A DFT and experimental study of polyazomethines with various chemical structures. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 181, 208-217.	2.0	12
870	Flexible diode of polyaniline/ITO heterojunction on PET substrate. <i>Applied Surface Science</i> , 2017, 418, 264-269.	3.1	49
871	Synthesis, structure, spectral properties and DFT quantum chemical calculations of 4-aminoazobenzene dyes. Effect of intramolecular hydrogen bonding on photoisomerization. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 175, 76-91.	2.0	29

#	ARTICLE	IF	CITATIONS
872	Electrical polymerization of a tetrazole polymer-modified electrode and its catalytic reaction toward dopamine. <i>Applied Surface Science</i> , 2017, 396, 1589-1595.	3.1	6
873	A Fluorescence and Electroactive Surface Design: Electropolymerization of Dansyl Fluorophore Functionalized PEDOT. <i>Journal of the Electrochemical Society</i> , 2017, 164, H925-H930.	1.3	9
874	Synthesis, aggregation-induced emission and electroluminescence properties of three new phenylethylene derivatives comprising carbazole and (dimesitylboranyl)phenyl groups. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11741-11750.	2.7	11
875	Synthesis and characterization of fluorophthalocyanines bearing four 2-(2-thienyl)ethoxy moieties: from the optimization of the fluorine substitution to chemosensing. <i>RSC Advances</i> , 2017, 7, 41272-41281.	1.7	10
876	Fluorescent Paper Strips for Highly Sensitive and Selective Detection of Nitroaromatic Analytes in Water Samples. <i>ChemistrySelect</i> , 2017, 2, 7735-7740.	0.7	9
877	Special photophysical properties of poly(2,11-diquinoxalinopyrene)s. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2017, 35, 1097-1109.	2.0	4
878	Coumarin centered copper (<sc>i>i</i> complex with appended-imidazole as cancer chemotherapeutic agents against lung cancer: molecular insight via DFT-based vibrational analysis. <i>RSC Advances</i> , 2017, 7, 36056-36071.	1.7	45
879	Photonic Reactions Leading to Fluorescence in a Polymeric System Induced by the Photothermal Effect of Magnetite Nanoparticles Using a 780 nm Multiphoton Laser. <i>Small</i> , 2017, 13, 1700897.	5.2	8
880	Synthesis and properties of a series of quinoxaline-based copolymers: an example to understand the effect of the structure of the mainchain and sidechain on the charge transport ability of the polymers. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2085-2093.	3.2	9
881	Guidelines and diagnostics for charge carrier tuning in thiophene-based wires. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 23254-23259.	1.3	10
882	Polythiophene: From Fundamental Perspectives to Applications. <i>Chemistry of Materials</i> , 2017, 29, 10248-10283.	3.2	286
883	Synthesis, characterization, and photophysical properties of a new pentacyclic helicene. <i>Comptes Rendus Chimie</i> , 2017, 20, 1047-1052.	0.2	6
884	Heteroleptic Cu(I) complexes containing polypyridyl ligands and triphenylphosphine: Synthesis, structure, photophysical properties, DFT studies and applications in co-sensitized solar cells. <i>Inorganica Chimica Acta</i> , 2017, 466, 486-496.	1.2	12
885	Conducting Polymers as Anode Buffer Materials in Organic and Perovskite Optoelectronics. <i>Advanced Optical Materials</i> , 2017, 5, 1600512.	3.6	63
886	Synthesis and characterization of nanostructures of ZnO and ZnO/Graphene composites for the application in hybrid solar cells. <i>Journal of Alloys and Compounds</i> , 2017, 690, 21-26.	2.8	36
887	The quenching of silver nanoparticles photoluminescence by graphene oxide: spectroscopic and morphological investigations. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 1804-1811.	1.1	17
888	A combined spectroscopic and TDDFT study of natural dyes extracted from fruit peels of <i>Citrus reticulata</i> and <i>Musa acuminata</i> for dye-sensitized solar cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 171, 112-125.	2.0	39
889	Electrochemical and optical band gaps of bimetallic silver-platinum varying metal ratios nanoparticles. <i>African Journal of Pure and Applied Chemistry</i> , 2017, 11, 1-8.	0.1	5

#	ARTICLE	IF	CITATIONS
890	Electronic structure of phosphorene nanoflakes. A theoretical insight. Computational and Theoretical Chemistry, 2018, 1130, 33-45.	1.1	4
891	Donor-acceptor-Type Configured, Dimethylamino-Based Organic Push-Pull Chromophores for Effective Reduction of Mild Steel Corrosion Loss in 1 M HCl. ACS Omega, 2018, 3, 4081-4093.	1.6	42
892	Effects of vinylene and azomethine bridges on optical, theoretical electronic structure and electrical properties of new anthracene and carbazole based π -conjugated molecules. Organic Electronics, 2018, 56, 96-110.	1.4	25
893	Low band gap donor-acceptor phenothiazine copolymer with triazine segment: Design, synthesis and application for optical limiting devices. Journal of Luminescence, 2018, 198, 449-456.	1.5	13
894	Thermally activated delayed fluorescence material with aggregation-induced emission properties for highly efficient organic light-emitting diodes. Journal of Materials Chemistry C, 2018, 6, 2873-2881.	2.7	50
895	Photoelectrochemical processes in organic semiconductor: Ambipolar perylene diimide thin film. Physica B: Condensed Matter, 2018, 533, 1-4.	1.3	3
896	Preparation and characterization of a poly (1, 4-phenylenevinylene) derivative-based hybrid thin film nanocomposites with enhanced performance. Journal of Physics and Chemistry of Solids, 2018, 116, 15-21.	1.9	2
897	Performance and stability analysis of curcumin dye as a photo sensitizer used in nanostructured ZnO based DSSC. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 193, 467-474.	2.0	47
898	The Blue-Shift of Photoluminescence Spectra of Zinc Complexes of 8-Hydroxyquinoline by Addition of ZnO Nanoparticles. Journal of Electronic Materials, 2018, 47, 1526-1532.	1.0	11
899	Novel π -conjugated molecules based on diimidazopyridine: Significantly improved the photophysical, thermal and electrochemical properties bearing different aryl substituents. Tetrahedron Letters, 2018, 59, 681-686.	0.7	1
900	Synthesis and properties of five ring fused aromatic compounds based on <i>S,S</i> -dioxide benzothiophene. New Journal of Chemistry, 2018, 42, 2750-2757.	1.4	10
901	Synthesis, structure and OLED application of a new europium(III) complex: {tris-(thenoyltrifluoroacetate)[1,2,5]selenadiazolo[3,4-f][1,10]phenanthroline}europium(III). Inorganica Chimica Acta, 2018, 473, 75-82.	1.2	22
902	Investigation of optical and electrical properties of MWCNT/rGO/poly(3-hexylthiophene) ternary composites. Journal of Materials Science, 2018, 53, 8151-8160.	1.7	8
903	Enhancement of the Collective Optical Properties of Plasmonic Hybrid Carbon Dots via Localized Surface Plasmon. Journal of Luminescence, 2018, 200, 287-297.	1.5	26
904	TiO ₂ modified with a Ru(II)-8-hydroxyquinolyl complex for efficient gaseous photoreduction of CO ₂ . Catalysis Science and Technology, 2018, 8, 2098-2103.	2.1	3
905	Photophysical and electrochemical properties of organic molecules: Solvatochromic effect and DFT studies. Optical Materials, 2018, 77, 211-220.	1.7	15
906	On the interest of ambipolar materials for gas sensing. Sensors and Actuators B: Chemical, 2018, 258, 657-664.	4.0	20
907	Indeno[1,2-b]fluorene-based novel donor-acceptor conjugated copolymers. High Performance Polymers, 2018, 30, 192-201.	0.8	4

#	ARTICLE	IF	CITATIONS
908	Synthesis and photovoltaic properties of silafluorene copolymers substituted by carbazole and triphenylamine pendants. <i>Dyes and Pigments</i> , 2018, 149, 133-140.	2.0	10
909	Thin films of an axially chiral bibenzo[c]phenanthrene diol and its enantiomers: Film structure, optical property, and photoelectrochemical response. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 538, 155-163.	2.3	4
910	Charge carrier traps in tris-(8-hydroxyquinoline) aluminum. <i>Journal of Luminescence</i> , 2018, 194, 91-95.	1.5	6
911	New pyridinium based ionic dyes for the hydrogen evolution reaction. <i>Tetrahedron</i> , 2018, 74, 142-149.	1.0	21
912	CZTS/CdS: interface properties and band alignment study towards photovoltaic applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 4201-4210.	1.1	24
913	How accurate are energies of HOMO and LUMO levels in small-molecule organic semiconductors determined from cyclic voltammetry or optical spectroscopy?. <i>Synthetic Metals</i> , 2018, 235, 125-130.	2.1	127
914	Synthesis, spectroscopic and TD-DFT quantum mechanical study of azo-azomethine dyes. A laser induced trans-cis-trans photoisomerization cycle. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 192, 263-274.	2.0	27
915	Photocatalytic Activity: Experimental Features to Report in Heterogeneous Photocatalysis. <i>Materials</i> , 2018, 11, 1990.	1.3	77
916	Blue Phosphorescent Platinum Complexes Based on Tetradentate Bipyridine Ligands and Their Application to Organic Light-Emitting Diodes (OLEDs). <i>Organometallics</i> , 2018, 37, 4639-4647.	1.1	43
917	Zn Phthalocyanine Derivatives for Solution-Processed Small Molecule Organic Solar Cells. <i>ChemistrySelect</i> , 2018, 3, 13692-13699.	0.7	7
918	Progress on Photothermal Conversion in the Second NIR Window Based on Conjugated Polymers. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 2201-2212.	1.3	55
919	Electrochromic Polymers for Solar Cells. <i>Polymers and Polymeric Composites</i> , 2018, , 1-36.	0.6	0
920	Tuning the Optoelectronic Properties of Stannoles by the Judicious Choice of the Organic Substituents. <i>Inorganic Chemistry</i> , 2018, 57, 12562-12575.	1.9	20
921	<i>In-Situ</i> Synthesis and High-Efficiency Photocatalytic Performance of Cu(I)/Cu(II) Inorganic Coordination Polymer Quantum Sheets. <i>Inorganic Chemistry</i> , 2018, 57, 13289-13295.	1.9	16
922	Quantum Two-Level Model for Excitonic Solar Cells. , 0, , .		0
923	Highly controllable ambient atmosphere spray deposition of water dispersible poly(benzimidazobenzophenanthroline) films. <i>Synthetic Metals</i> , 2018, 245, 144-150.	2.1	1
924	Push-pull architecture eliminates chain length effects on exciton dissociation. <i>Journal of Materials Chemistry A</i> , 2018, 6, 22758-22767.	5.2	5
925	Click-Derived Triazolylidenes as Chelating Ligands: Achievement of a Neutral and Luminescent Iridium(III)-Triazolide Complex. <i>Inorganic Chemistry</i> , 2018, 57, 11673-11686.	1.9	35

#	ARTICLE	IF	CITATIONS
926	Dihydroxy-hexahelicene in Thin Films; Structural Characterization and Photoelectrochemical Properties. Transactions of the Materials Research Society of Japan, 2018, 43, 57-60.	0.2	0
927	Substituent effects on furan-phenylene copolymer for photovoltaic improvement: A density functional study. Chemical Physics, 2018, 510, 60-69.	0.9	9
928	Design and Synthesis of 1D-Polymeric Chain Based [(CH ₃) ₃ NH ₃] ₃ Bi ₂ Cl ₉ Perovskite: A New Light Absorber Material for Lead Free Perovskite Solar Cells. ACS Applied Energy Materials, 2018, 1, 2405-2409.	2.5	63
929	Combined spectroscopic and TDDFT study of single-double anthocyanins for application in dye-sensitized solar cells. New Journal of Chemistry, 2018, 42, 11616-11628.	1.4	17
930	The predictive power of aromaticity: quantitative correlation between aromaticity and ionization potentials and HOMO-LUMO gaps in oligomers of benzene, pyrrole, furan, and thiophene. Physical Chemistry Chemical Physics, 2018, 20, 14808-14817.	1.3	38
931	Relationship of Ionization Potential and Oxidation Potential of Organic Semiconductor Films Used in Photovoltaics. Solar Rrl, 2018, 2, 1800122.	3.1	19
932	Synergistic effect of 9-(pyrrolidin-1-yl)perylene-3,4-dicarboximide functionalization of amino graphene on photocatalytic hydrogen generation. Solar Energy Materials and Solar Cells, 2018, 185, 431-438.	3.0	52
933	Electrochemical and Opto-Electronic Properties of Carbazole-Based Derivatives with Symmetric A-CZ-A Architecture. Russian Journal of Electrochemistry, 2018, 54, 567-584.	0.3	2
934	DFT/TD-DFT study on halogen doping and solvent contributions to the structural and optoelectronic properties of poly[3,6-carbazole] and poly[indolo(3,2-b)-carbazole]. Structural Chemistry, 2018, 29, 1775-1796.	1.0	8
935	A facile synthesis and optoelectronic characterization of Znq ₂ and Alq ₃ nano-complexes. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	10
936	Highly Conducting Polythiophene Thin Films with Less Ordered Microstructure Displaying Excellent Thermoelectric Performance. Macromolecular Rapid Communications, 2018, 39, e1800283.	2.0	21
937	Diverse electron transfer behavior through saturated molecular chains: From molecular insulator to semiconductor. Computational Materials Science, 2018, 153, 200-207.	1.4	7
938	Synergistic interplay of ionic liquid and dodecyl sulphate driving the oxidation state of polypyrrole based electrodes. New Journal of Chemistry, 2018, 42, 13828-13835.	1.4	9
939	Helically chiral functionalized [6]helicene: Synthesis, optical resolution, and photophysical properties. Comptes Rendus Chimie, 2018, 21, 652-658.	0.2	5
940	Green and cost-effective synthesis of carbon dots from date kernel and their application as a novel switchable fluorescence probe for sensitive assay of Zoledronic acid drug in human serum and cellular imaging. Analytica Chimica Acta, 2018, 1030, 183-193.	2.6	86
941	Mussel-Inspired Polydopamine Coating for Flexible Ternary Resistive Memory. Chemistry - an Asian Journal, 2018, 13, 1744-1750.	1.7	9
942	Influences of enhanced conjugated framework on the structures and photophysical properties of BF ₂ core compounds containing 1,8-naphthyridine derivative: A DFT/TD-DFT study. Optical Materials, 2018, 84, 694-702.	1.7	2
943	Heavy atom quenching of CdS quantum dots photoluminescence: Evidences for electron transfer mechanism. Journal of Luminescence, 2018, 204, 130-134.	1.5	13

#	ARTICLE	IF	CITATIONS
944	Structure-function study of poly(sulfobetaine 3,4-ethylenedioxythiophene) (PSBEDOT) and its derivatives. <i>Acta Biomaterialia</i> , 2018, 75, 161-170.	4.1	6
945	Poly(3,4-ethylenedioxythiophene/permethylated β -cyclodextrin) polypseudorotaxane and polyrotaxane: Synthesis, characterization and application as hole transporting materials in perovskite solar cells. <i>European Polymer Journal</i> , 2018, 105, 250-256.	2.6	13
946	Efficient blue light-emitting polymers containing fluorene[2,3-b]benzo[d]thiophene-S,S-dioxide unit. <i>Organic Electronics</i> , 2018, 61, 366-375.	1.4	10
947	Chain length-dependent luminescence in acceptor-doped conjugated polymers. <i>Scientific Reports</i> , 2019, 9, 11217.	1.6	3
948	Novel yellow thermally activated delayed fluorescence emitters for highly efficient full-TADF WOLEDs with low driving voltages and remarkable color stability. <i>New Journal of Chemistry</i> , 2019, 43, 13339-13348.	1.4	13
949	Conjugated polymers having semiconducting properties. , 2019, , 65-82.		1
950	New functional benzo[ghi]perylene derivatives: Synthesis and photophysical properties. <i>Journal of Molecular Structure</i> , 2019, 1196, 685-690.	1.8	4
951	Optimal Interfacial Engineering with Different Length of Alkylammonium Halide for Efficient and Stable Perovskite Solar Cells. <i>Advanced Energy Materials</i> , 2019, 9, 1902740.	10.2	209
952	Solid-state fluorescence of two zinc coordination polymers from bulky dicyano-phenylenevinylene and bis-azobenzene cores. <i>Inorganic Chemistry Communication</i> , 2019, 110, 107602.	1.8	7
953	Conjugated Main Chain Azo-Polymers Based on Polycyclic Aromatic Hydrocarbons. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900303.	1.1	0
954	Multilayers of Carbodithioate and Sulfide-Linked CdSe Nanocrystals: Progressive Increase of Exciton Delocalization. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23159-23166.	1.5	5
955	The Effect of Bulky Substituents on Two π -Conjugated Mesogenic Fluorophores. Their Organic Polymers and Zinc-Bridged Luminescent Networks. <i>Polymers</i> , 2019, 11, 1379.	2.0	26
956	Mono-Aryl/Alkylthio-Substituted (Hetero)acenes of Exceptional Thermal and Photochemical Stability by the Thio-Friedel-Crafts/Bradsher Cyclization Reaction. <i>Chemistry - A European Journal</i> , 2019, 25, 14148-14161.	1.7	7
957	Synthesis and properties of copolyarylenes containing indolo[3,2-b]carbazole moieties in the backbone. <i>Journal of Polymer Research</i> , 2019, 26, 1.	1.2	6
958	Effect of side chains on color purities of mono-triphenylamine-functionalized polyspirobifluorenes for pure blue polymer light-emitting diodes. <i>Polymer Chemistry</i> , 2019, 10, 494-502.	1.9	7
959	Solution-processable, high luminance deep-blue organic light emitting devices based on novel naphthalene bridged bis-triphenylamine derivatives. <i>Journal of Materials Chemistry C</i> , 2019, 7, 2686-2698.	2.7	18
960	Theoretical design, synthesis and studies on the solvatochromic behaviour of low band gap phenylenevinylene based copolymers. <i>European Polymer Journal</i> , 2019, 113, 365-376.	2.6	4
961	Cucurbit[7]uril-Threaded Poly(3,4-ethylenedioxythiophene): A Novel Processable Conjugated Polyrotaxane. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3442-3450.	1.2	11

#	ARTICLE	IF	CITATIONS
962	Characterization of Furan- and Thiophene-Containing Bispyridyl Oligomers via Spectroscopic, Electrochemical, and TD-DFT Methods. <i>Journal of Physical Chemistry C</i> , 2019, 123, 15176-15185.	1.5	11
963	Electrochromic Polymers for Solar Cells. <i>Polymers and Polymeric Composites</i> , 2019, , 789-823.	0.6	0
964	Halochromic Switch from the 1st to 2nd Near-Infrared Window of Diazapentalene-Dithienosilole Copolymers. <i>Macromolecules</i> , 2019, 52, 4820-4827.	2.2	10
965	Synthesis and photophysical properties of new nitrile grafted benzo[ghi]perylene derivatives. <i>Journal of Molecular Structure</i> , 2019, 1195, 153-160.	1.8	4
966	Rapid discharge process of polythiophene cast film as cathode material. <i>Journal of Electroanalytical Chemistry</i> , 2019, 839, 210-213.	1.9	2
967	Synergistic Use of Bithiazole and Pyridinyl Substitution for Effective Electron Transport Polymer Materials. <i>Chemistry of Materials</i> , 2019, 31, 3957-3966.	3.2	26
968	Decorating BODIPY with electron-rich unit THDTAP: An ICT-based fluorometric sensor toward peroxide, acid, and electrochemical stimuli. <i>Dyes and Pigments</i> , 2019, 168, 235-247.	2.0	10
969	Spectrophotometric and photocatalytic studies of H-bonded charge transfer complex of oxalic acid with imidazole: single crystal XRD, experimental and DFT/TD-DFT studies. <i>New Journal of Chemistry</i> , 2019, 43, 9039-9051.	1.4	36
970	The synthesis, photoluminescence and electroluminescence properties of a new emitter based on diphenylethene, carbazole and 9,9,10,10-tetraoxidethianthrene. <i>Organic Electronics</i> , 2019, 70, 7-13.	1.4	5
971	Benzimidazole-Substituted Indolo[3,2-b]carbazoles: Acid-Responsive Probes. <i>ChemistrySelect</i> , 2019, 4, 3948-3952.	0.7	3
972	Water/Alcohol Soluble Thickness-Insensitive Hyperbranched Perylene Diimide Electron Transport Layer Improving the Efficiency of Organic Solar Cells. <i>Polymers</i> , 2019, 11, 655.	2.0	8
973	Structure-Property Relationship in an Organic Semiconductor: Insights from Energy Frameworks, Charge Density Analysis, and Diode Devices. <i>Crystal Growth and Design</i> , 2019, 19, 3019-3029.	1.4	6
974	Polypyrrole/Ionic Liquid/Au Nanoparticle Counter-Electrodes for Dye-Sensitized Solar Cells: Improving Charge-Transfer Resistance at the CE/Electrolyte Interface. <i>Journal of the Electrochemical Society</i> , 2019, 166, H3188-H3194.	1.3	8
975	Secnidazole-sulfonates: Synthesis, physical, electrochemical, antibacterial & antifungal characteristics. <i>Journal of Molecular Structure</i> , 2019, 1184, 569-575.	1.8	8
976	A highly stretchable large strain sensor based on PEDOT-thermoplastic polyurethane hybrid prepared via in situ vapor phase polymerization. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 74, 108-117.	2.9	28
977	High-efficiency photocatalytic performance and mechanism of silver-based metal-organic framework. <i>Journal of Materials Research</i> , 2019, 34, 991-998.	1.2	12
978	Noncovalent interactions based self-assembled bichromophoric sensitizer for dye-sensitized solar cells. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 1099-1107.	1.2	3
979	Design and photophysical insights on graphene quantum dots for use as nanosensor in differentiating methamphetamine and morphine in solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 206, 448-453.	2.0	29

#	ARTICLE	IF	CITATIONS
980	Uncovering the (un-)occupied electronic structure of a buried hybrid interface. <i>Journal of Physics Condensed Matter</i> , 2019, 31, 094001.	0.7	5
981	Deep blue light emitting polyfluorenes with asymmetrical naphthylthiofluorene as Chromophores. <i>Journal of Polymer Science Part A</i> , 2019, 57, 171-182.	2.5	10
982	Mesoscopic investigation of the effect of MWCNT/rGO network on the performance of P3HT:PC60BM solar cells. <i>Materials Chemistry and Physics</i> , 2019, 226, 113-117.	2.0	11
983	A unique extension of Suzuki-Sonogashira cross coupling reaction in developing acetylene terminated fullerene core star-like phenylene-alt-thiophene dyad materials and its photovoltaic properties. <i>Polymer</i> , 2019, 164, 39-58.	1.8	6
984	Interactions of promazine with selected biomolecules: Photophysical and computational investigation. <i>Chemical Physics</i> , 2019, 517, 161-176.	0.9	5
985	Thermally Enhanced n-Type Thermoelectric Behavior in Completely Organic Graphene Oxide-Based Thin Films. <i>Advanced Electronic Materials</i> , 2019, 5, 1800465.	2.6	26
986	Synthesis, structural characterization and photophysical properties of 7-cyano-hexahelicene. <i>Chemical Physics Letters</i> , 2019, 715, 341-346.	1.2	3
987	A mechanistic approach for the modulation of band gap of polyaniline using various heterogeneous carbon nanostructures. <i>Polymer Bulletin</i> , 2020, 77, 3499-3521.	1.7	1
988	Dynamic broadening alters triplet extinction coefficients in fluorene oligomers and polymers. <i>Journal of Chemical Physics</i> , 2020, 152, 024901.	1.2	0
989	Alkylthio-tetrasubstituted μ_4 -Nitrido Diiron Phthalocyanines: Spectroelectrochemistry, Electrical Properties, and Heterojunctions for Ammonia Sensing. <i>Inorganic Chemistry</i> , 2020, 59, 1057-1067.	1.9	11
990	Influence of Oxidized Graphene Quantum Dots as Photosensitizers. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 3432-3436.	0.9	5
991	Synthesis and electropolymerization of a multifunctional naphthalimide clicked carbazole derivative. <i>Polymer International</i> , 2020, 69, 265-273.	1.6	5
992	Corrosion protection of epoxy coatings containing 2-hydroxyphosphonocarboxylic acid doped polyaniline nanofibers. <i>Progress in Organic Coatings</i> , 2020, 139, 105470.	1.9	22
993	Performance of the dye-sensitized quasi-solid state solar cell with combined anthocyanin-ruthenium photosensitizer. <i>RSC Advances</i> , 2020, 10, 36873-36886.	1.7	14
994	Complementary Absorption versus Morphology in All-Conjugated Block Copolymer Solar Cells. <i>Macromolecules</i> , 2020, 53, 9043-9053.	2.2	11
995	Perylene diimide based low band gap copolymers: synthesis, characterization and their applications in perovskite solar cells. <i>Journal of Polymer Research</i> , 2020, 27, 1.	1.2	3
996	Colorimetric Detection of Dopamine with J-Aggregate Nanotube-Integrated Hydrogel Thin Films. <i>ACS Omega</i> , 2020, 5, 18198-18204.	1.6	14
997	GC-MASS detection of methyl orange degradation intermediates by AgBr/g-C ₃ N ₄ : Experimental design, bandgap study, and characterization of the catalyst. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 24636-24656.	3.8	100

#	ARTICLE	IF	CITATIONS
998	Accessing distributions of exchange and dipolar couplings in stiff molecular rulers with Cu(SCu) centres. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 21707-21730.	1.3	9
999	Virtual Screening of Compounds by Chemoinformatics Tools in the Chemistry Labs. <i>Proceedings (mdpi)</i> , 2020, 55, .	0.2	0
1000	Hydrothermal synthesis of quantum dots dispersed on conjugated polymer as an efficient electrodes for highly stable hybrid supercapacitors. <i>Inorganic Chemistry Communication</i> , 2020, 117, 107941.	1.8	20
1001	Increase of Polymerization Yield on Titania by Surface Reduction. <i>Journal of Physical Chemistry C</i> , 2020, 124, 16918-16925.	1.5	5
1002	Transition from H-Aggregate Nanotubes to J-Aggregate Nanoribbons. <i>Journal of Physical Chemistry C</i> , 2020, 124, 11722-11729.	1.5	8
1003	Photooxidation pathway providing 15-bromo-7-cyano[6]helicene. Chiroptical and photophysical properties and theoretical investigation. <i>Journal of Molecular Structure</i> , 2020, 1217, 128399.	1.8	3
1004	Exploring qualitative and quantitative contributions of intermolecular interactions, DNA-binding and in vitro cytotoxic activity of isostructural and isomorphous Cd and Zn complexes. <i>Polyhedron</i> , 2020, 185, 114595.	1.0	7
1005	Zinc(SCu) triazole <i>meso</i> -arylsubstituted porphyrins for UV-visible chloride and bromide detection. Adsorption and catalytic degradation of malachite green dye. <i>RSC Advances</i> , 2020, 10, 22712-22725.	1.7	16
1006	Syntheses and characterization of Schiff base ligands and their Ir(III) complexes as coating for phosphor-converted LEDs. <i>Optik</i> , 2020, 219, 164995.	1.4	7
1007	In situ synthesis of gold/silver nanoparticles and polyaniline as buffer layer in polymer solar cells. <i>Materials Chemistry and Physics</i> , 2020, 248, 122879.	2.0	31
1008	Impact of Local Stiffness on Entropy Driven Microscopic Dynamics of Polythiophene. <i>Scientific Reports</i> , 2020, 10, 9966.	1.6	3
1009	Synthesis and Characterization of Push-Pull Aza-BODIPY Dyes Towards Application in NIR Photothermal Therapy. <i>ChemPhotoChem</i> , 2020, 4, 5304-5311.	1.5	14
1010	Photo sensitizing and electrochemical performance analysis of mixed natural dye and nanostructured ZnO based DSSC. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2020, 45, 1.	0.8	13
1011	Regioisomer effects of dibenzofuran-based bipolar host materials on yellow phosphorescent OLED device performance. <i>New Journal of Chemistry</i> , 2020, 44, 3868-3873.	1.4	10
1012	Swallow tail bay-substituted novel perylene bisimides: Synthesis, characterization, photophysical and electrochemical properties and DFT studies. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 393, 112432.	2.0	4
1013	Dialkylthienosilole and N-alkyldithienopyrrole-based copolymers: Synthesis, characterization, and photophysical study. <i>Journal of Physical Organic Chemistry</i> , 2020, 33, e4063.	0.9	6
1014	Synthesis and characterization of novel phosphorescent host materials based on triphenylpyridine derivatives. <i>Chemical Papers</i> , 2020, 74, 2145-2152.	1.0	4
1015	Recent developments in the synthesis of regioregular thiophene-based conjugated polymers for electronic and optoelectronic applications using nickel and palladium-based catalytic systems. <i>RSC Advances</i> , 2020, 10, 4322-4396.	1.7	53

#	ARTICLE	IF	CITATIONS
1016	Green synthesis of Cu/Cu ₂ O/CuO nanostructures and the analysis of their electrochemical properties. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	30
1017	Hybrid TiO ₂ @Polyaniline Photocatalysts and their Application in Building Gypsum Plasters. <i>Materials</i> , 2020, 13, 1516.	1.3	18
1018	Polyelectrolyte Grafted MOFs Enable Conjugated Membranes for Molecular Separations in Dual Solvent Systems. <i>Cell Reports Physical Science</i> , 2020, 1, 100034.	2.8	25
1019	From Absorption Spectra to Charge Transfer in Nanoaggregates of Oligomers with Machine Learning. <i>ACS Nano</i> , 2020, 14, 6589-6598.	7.3	12
1020	Effect of fluorination on the crystal and electronic structure of organometallic cyclopentadienyl-phenylenediamino-cobalt complexes. <i>Journal of Organometallic Chemistry</i> , 2020, 918, 121277.	0.8	6
1021	Building-up novel coordination polymer with magnesium porphyrin: Synthesis, molecular structure, photophysical properties and spectroscopic characterization. Potential application as antibacterial agent. <i>Inorganica Chimica Acta</i> , 2021, 514, 119960.	1.2	11
1022	Novel bis-nitrile grafted [6]Helicenes through a photochemical pathway: Chiroptical and photophysical properties. <i>Journal of Molecular Structure</i> , 2021, 1225, 129087.	1.8	3
1023	Two derivatives of phenylpyridyl-fused boroles with contrasting electronic properties: decreasing and enhancing the electron accepting ability. <i>Dalton Transactions</i> , 2021, 50, 355-361.	1.6	4
1024	Considerations on electrochemical behavior of NLO chromophores: Relation of redox properties and NLO activity. <i>Electrochimica Acta</i> , 2021, 368, 137578.	2.6	19
1025	Stability improvement of Cu(<i>scp</i>)-doped ZnS/ZnO photodetectors prepared with a facile solution-processing method. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 311-318.	3.0	21
1026	Synthesis, crystal structure, aggregation-induced emission enhancement and electroluminescence properties of a novel compound containing carbazole and triarylborane groups. <i>Journal of Molecular Structure</i> , 2021, 1228, 129721.	1.8	5
1027	Optical characterizations and dielectric performance of 5,10,15,20-Tetrakis(pentafluorophenyl)-21H,23H-porphine palladium(II) for photodetector applications. <i>Materials Chemistry and Physics</i> , 2021, 258, 123989.	2.0	14
1028	Synthesis, molecular structure, spectroscopic characterization and antibacterial activity of the pyrazine magnesium porphyrin coordination polymer. <i>Journal of Molecular Structure</i> , 2021, 1227, 129508.	1.8	8
1029	The influence of the formal replacement of thiophenes by stannoles in terthiophene and sexithiophene on the optoelectronic properties and electrochemical behavior. <i>Dalton Transactions</i> , 2021, 50, 6213-6221.	1.6	3
1030	Novel organic semiconductors based on 2-amino-anthracene: Synthesis, charge transport and photo-conductive properties. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 13885-13894.	1.3	1
1031	Carbon Nanomaterials Embedded in Conductive Polymers: A State of the Art. <i>Polymers</i> , 2021, 13, 745.	2.0	32
1032	CdS/ZnS nanocomposite: synthesis and utilization in organic light-emitting diodes for a lower turn-on voltage. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	0.8	6
1033	Fe ₃ O ₄ /graphene oxide/Fe ₄ [Fe(CN) ₆] ₃ nanocomposite for high performance electromagnetic interference shielding. <i>Ceramics International</i> , 2021, 47, 11587-11595.	2.3	27

#	ARTICLE	IF	CITATIONS
1034	Microfluidics for flexible electronics. <i>Materials Today</i> , 2021, 44, 105-135.	8.3	65
1035	A convenient synthesis and physicochemical properties of diselenopheno[3,2-b:2'3'-d]thiophenes. <i>Journal of Molecular Structure</i> , 2021, 1229, 129580.	1.8	0
1036	N-Type Solution-Processed Tin versus Silicon Phthalocyanines: A Comparison of Performance in Organic Thin-Film Transistors and in Organic Photovoltaics. <i>ACS Applied Electronic Materials</i> , 2021, 3, 1873-1885.	2.0	10
1037	Influence of Various Doping Agents on Organic Semiconductors' Physicochemical Properties. <i>Journal of the Electrochemical Society</i> , 2021, 168, 046508.	1.3	1
1038	7-Cyano-15-methoxy[6]helicene through a photochemical pathway and investigation of its chiroptical and photophysical properties. <i>Comptes Rendus Chimie</i> , 2021, 24, 125-134.	0.2	0
1039	Tuning of organic heterojunction conductivity by the substituents' electronic effects in phthalocyanines for ambipolar gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2021, 332, 129505.	4.0	26
1040	Electrosynthesis and characterization of a new semi-conducting oligomer deriving from a disubstituted chalcone: 4-dimethylamino-4-methoxychalcone. <i>Journal of Molecular Structure</i> , 2021, 1231, 129810.	1.8	5
1041	Chemical insertion of anthracene moiety into the backbone of a newly synthesized oligophenylene (OMPA): effect on the photo-physical properties. <i>Research on Chemical Intermediates</i> , 2021, 47, 3437-3451.	1.3	1
1042	An insight into the surface engineering of colloidal PbSe quantum dots for polymer hybrid photovoltaic applications. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 99, 295-314.	1.1	1
1043	Near-infrared organic chromophores with pH-sensitive, non-radiative emission for intelligent disease treatment. <i>Cell Reports Physical Science</i> , 2021, 2, 100433.	2.8	12
1044	Effect of polymerization rate on the chemical and optical properties of solution-cast metal-like lustrous films of water-soluble 3-methoxythiophene oligomer dyes. <i>Dyes and Pigments</i> , 2021, 190, 109302.	2.0	3
1045	Alkynylazulenes as Building Blocks for Highly Unsaturated Scaffolds. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 2010-2083.	1.3	5
1046	Synthesis and Surface Behaviour of NDI Chromophores Mounted on a Tripodal Scaffold: Towards Self-Decoupled Chromophores for Single-Molecule Electroluminescence. <i>Chemistry - A European Journal</i> , 2021, 27, 12144-12155.	1.7	4
1047	Enhancement of charge transport properties of a novel rubbery semiconductor via silver nanocomplexing. <i>Materials Science in Semiconductor Processing</i> , 2021, 131, 105854.	1.9	0
1048	Chemical Reactivity and Skin Sensitization Studies on a Series of Chloro- and Fluoropyrroles' A Computational Approach. <i>ACS Omega</i> , 2021, 6, 21514-21524.	1.6	1
1049	Comprehensive Chemical Description of Pyrolysis Chars from Low-Density Polyethylene by Thermal Analysis Hyphenated to Different Mass Spectrometric Approaches. <i>Energy & Fuels</i> , 2021, 35, 18185-18193.	2.5	9
1050	Novel NNO pincer type Schiff base ligand and its complexes of Fe(III), Co(II) and Ni(II): Synthesis, spectroscopic characterization, DFT, antibacterial and anticorrosion study. <i>Journal of Molecular Structure</i> , 2021, 1240, 130582.	1.8	12
1051	Polymer-based dielectrics with high permittivity for electric energy storage: A review. <i>Nano Energy</i> , 2021, 89, 106438.	8.2	130

#	ARTICLE	IF	CITATIONS
1052	Vinylene-versus azomethine-bridged carbazole-based polymers for light emission and sensor applications. <i>Journal of Molecular Structure</i> , 2021, 1244, 130994.	1.8	12
1053	Electronic properties of the Poly(3-hexylthiophene) / MoS ₂ interfaces: The influence of the substrate. <i>Applied Surface Science</i> , 2022, 572, 151372.	3.1	2
1054	Near-infrared dyes for two-photon absorption in the short-wavelength infrared: strategies towards optical power limiting. <i>Chemical Society Reviews</i> , 2021, 50, 6613-6658.	18.7	94
1055	Fluorescent, electroactive, thermally stable triphenylamine- and naphthalene-based polyimides for optoelectronic applications. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	11
1056	Cyclic and Linear Acetylenic Molecular Scaffolding. <i>Topics in Current Chemistry</i> , 1999, , 43-79.	4.0	61
1057	Electrically Conductive Polymers. , 1989, , 1-40.		7
1058	The Design of an Artificial Olfactory System. , 1990, , 131-173.		18
1059	Breakthrough in Acetylene Polymerization. , 1995, , 497-505.		3
1060	Electronic Structure of the Insulating Forms of Polyaniline. <i>Springer Series in Solid-state Sciences</i> , 1985, , 107-111.	0.3	2
1061	Aromatic Polymers: Evolution of Their Electronic Properties as a Function of Bond-Length Alternation and Torsion Angle Along the Chains. <i>Springer Series in Solid-state Sciences</i> , 1985, , 166-172.	0.3	25
1062	Linear Optical Properties of a Series of Polyacetylene Oligomers. , 1990, , 365-376.		10
1063	Electronic Properties of Linear Polyenes. , 1991, , 405-434.		17
1064	Organic Synthesis and Materials Science. , 1995, , 159-187.		6
1065	A multidimensional design of charge transfer interfaces via D-π-D linking fashion for electrophysiological sensing of neurotransmitters. <i>Biosensors and Bioelectronics</i> , 2018, 99, 296-302.	5.3	8
1066	Light-Emitting Polymers. <i>Optical Science and Engineering</i> , 2006, , .	0.1	13
1067	Engineering the ABIO-BIO interface of neurostimulation electrodes using polypyrrole and bioactive hydrogels. <i>Pure and Applied Chemistry</i> , 2020, 92, 897-907.	0.9	4
1068	New Organic Materials Based on Thiophene for Photovoltaic Device: Theoretical investigation. <i>Turkish Computational and Theoretical Chemistry</i> , 2018, 2, 36-48.	0.5	5
1069	Electrochemical, Photophysical, and Magnetic Properties of Green Emitting bis(2,5-Hexyloxy)-Phenylene- and Thiophene Fluorescent Conducting Oligomer Addended Fullerene-Diol Dyad. <i>International Journal of Organic Chemistry</i> , 2013, 03, 49-64.	0.3	1

#	ARTICLE	IF	CITATIONS
1070	Templated J-Aggregate Nanotubes for the Detection of Dopamine. Journal of Materials Science and Chemical Engineering, 2017, 05, 142-154.	0.2	1
1071	Synthesis of 5,6-Dihydro[1,10]phenanthroline Derivatives and Their Properties as Hole-Blocking Layer Materials for Phosphorescent Organic Light-Emitting Diodes. Bulletin of the Korean Chemical Society, 2005, 26, 1569-1574.	1.0	7
1072	Electrochemical Studies on Heptamethine Cyanine Dyes. Textile Coloration and Finishing, 2009, 21, 35-40.	0.0	8
1073	Tuning the aggregation behaviour of BN-coronene diimides with imide substituents and their performance in devices (OLEDs and OFETs). Journal of Materials Chemistry C, 2021, 9, 14720-14729.	2.7	25
1074	Indandione-Terminated Quinoidal Compounds for Low-Bandgap Small Molecules with Strong Near-Infrared Absorption: Effect of Conjugation Length on the Properties. Chemistry - A European Journal, 2021, 27, 17437-17443.	1.7	8
1075	Organic Photosensitizers for Catalytic Solar Fuel Generation. Energy & Fuels, 2021, 35, 18888-18899.	2.5	30
1076	Development of quantum dot complex for selective detection of pyrophosphate anion with fluorescence quenching. Bulletin of Materials Science, 2021, 44, 1.	0.8	2
1077	Electronic and Optical Properties of Polythiophene Molecules and Derivatives. Crystals, 2021, 11, 1292.	1.0	12
1078	Application of organic photovoltaic cell: poly(2-aminofluoren)/multi-walled carbon nanotube composites. Journal of Materials Science: Materials in Electronics, 2021, 32, 27462-27474.	1.1	2
1079	Designing of DAD Type Small Semiconductor Molecules and Investigation of Substituent Effect on Their Molecular, Electronic and Optical Properties: A DFT Study**. ChemistrySelect, 2021, 6, 10793-10801.	0.7	0
1080	Electroluminescence with Poly(para-phenylenes). , 2004, , 205-244.		1
1081	Does the donor-acceptor concept work for designing synthetic metals?. , 2006, , 687-701.		0
1083	Wiring-Up Nanostructures. , 1997, , 123-134.		0
1084	Synthesis, photophysical properties and electrochemical polymerization of a new blue fluorescent compound based on 3,4-ethylenedioxythiophene moiety. Materials Science-Poland, 2020, 38, 151-158.	0.4	2
1085	Extended Conjugated Polymer Acceptor Containing Thienylene-Vinylene-Thienylene Unit for High-Performance Thick-Film All-Polymer Solar Cells with Superior Long-Term Stability. Advanced Energy Materials, 2021, 11, 2102559.	10.2	83
1086	Structure-Property Relationships in Benzofurazan Derivatives: A Combined Experimental and DFT/TD-DFT Investigation. , 0, , .		4
1087	Synthesis, photoluminescence and electroluminescence properties of a new blue emitter containing carbazole, acridine and diphenyl sulfone units. Organic Electronics, 2022, 101, 106411.	1.4	5
1088	Synthesis and photophysical properties of new reactive fluorophenanthrenes. Comptes Rendus Chimie, 2020, 23, 315-327.	0.2	0

#	ARTICLE	IF	CITATIONS
1089	Anthracene and β -Cyclodextrin Based Supramolecular Semi-Conducting Thin Film: Effect of the Encapsulation on the Optical and Electrical Properties. <i>ChemistrySelect</i> , 2022, 7, .	0.7	4
1090	Fluorinated dibenzo[<i>a,c</i>]-phenazine-based green to red thermally activated delayed fluorescent OLED emitters. <i>Journal of Materials Chemistry C</i> , 2022, 10, 4757-4766.	2.7	7
1091	Design and synthesis of benzothiadiazole-based molecular systems: self-assembly, optical and electronic properties. <i>New Journal of Chemistry</i> , 2022, 46, 4992-5001.	1.4	6
1092	Efficient CO ₂ reduction over a Ru-pincer complex/TiO ₂ hybrid photocatalyst via direct Z-scheme mechanism. <i>Catalysis Science and Technology</i> , 2022, 12, 1637-1650.	2.1	8
1093	Acenaphthene-triphenylamine (acceptor–donor) based luminophores for organic light emitting diodes: combined experimental and theoretical study. <i>Materials Advances</i> , 2022, 3, 399-408.	2.6	3
1094	Nitrile grafted thia[5]helicenes through a photocyclization pathway of styrylnaphtho[2,1-b]thiophenes: Synthesis and photophysical properties. <i>Journal of Molecular Structure</i> , 2022, 1255, 132487.	1.8	0
1095	Ultrafast charge transfer dynamics in 2D covalent organic frameworks/Re-complex hybrid photocatalyst. <i>Nature Communications</i> , 2022, 13, 845.	5.8	46
1096	Toward Eco-Friendly Dye-Sensitized Solar Cells (DSSCs): Natural Dyes and Aqueous Electrolytes. <i>Energies</i> , 2022, 15, 219.	1.6	31
1097	Dynamics of Excitons in Conjugated Molecules and Organic Semiconductor Systems. <i>Chemical Reviews</i> , 2022, 122, 8487-8593.	23.0	61
1098	Structure–property relationships in para-substituted nitrobenzofurazans: electrochemical, optical, and theoretical analysis. <i>Chemical Papers</i> , 2022, 76, 4059-4080.	1.0	7
1099	Microwave assisted synthesis of low band gap water soluble dyad materials using polythiophene carboxylic acids as donor and fullerene as acceptor. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	3
1100	Aggregation-Induced Enhanced Emission-Active Zinc(II) Diketiminato Complexes Enabling High-Performance Solution-Processable OLEDs. <i>Inorganic Chemistry</i> , 2021, 60, 19128-19135.	1.9	7
1101	Electrical, dielectric, I-V and antimicrobial behavior of cobalt incorporated Prussian blue graphene ferrites composite. <i>Inorganic Chemistry Communication</i> , 2022, 141, 109548.	1.8	9
1102	Theoretical design, synthesis and third-order non-linear optical properties of thiophene and tetrafluorobenzene based low band gap conducting polymers. <i>Journal of Molecular Structure</i> , 2022, 1265, 133301.	1.8	4
1103	Swollen Liquid Crystals as Soft and Structure Directing Templates for the Synthesis of Polyindole. <i>Asian Journal of Chemistry</i> , 2022, 34, 1413-1418.	0.1	0
1104	Photovoltaic response of <i>Carissa spinarum</i> berry extract in dye-sensitized solar cell. <i>Environmental Science and Pollution Research</i> , 2023, 30, 98581-98588.	2.7	4
1105	2,15-Dibutoxy-6,11-dicyano[6]helicene: Synthesis, electrochemical, photophysical properties and computational studies. <i>Journal of Molecular Structure</i> , 2022, , 133680.	1.8	0
1106	Density functional theory studies of polypyrrole and polypyrrole derivatives; substituent effect on the optical and electronic properties. <i>Polymer</i> , 2022, 255, 125127.	1.8	9

#	ARTICLE	IF	CITATIONS
1107	Enhancing the Efficiency of Dye-Sensitized Solar Cells (DSSCs) by Nanostructured Ag-Doped ZnO Electrodes. <i>ChemistrySelect</i> , 2022, 7, .	0.7	3
1108	Ultrafast detection of ammonia at room temperature and subsequent electrochemical water splitting via the ionic liquid templated nano nickel oxide. <i>Materials Chemistry and Physics</i> , 2022, 290, 126537.	2.0	0
1109	Unique magnesium porphyrinate structure: Synthesis, characterization, and theoretical study. <i>Inorganica Chimica Acta</i> , 2022, 542, 121145.	1.2	3
1110	Effect of ruthenium(II)-bipyridine complex photosensitizer on the panchromatic light absorption and electron transfer in N719-dye sensitized photoanodes. <i>Optical Materials</i> , 2022, 133, 112924.	1.7	2
1111	Preparation, characterization, evaluation and mechanistic study of organic polymer nano-photocatalysts for solar fuel production. <i>Chemical Society Reviews</i> , 2022, 51, 6909-6935.	18.7	31
1112	Crystalline H-aggregate nanoparticles for detecting dopamine release from M17 human neuroblastoma cells. <i>Journal of Materials Chemistry B</i> , 0, , .	2.9	0
1113	Random copolymerization strategy for non-halogenated solvent-processed all-polymer solar cells with a high efficiency of over 17%. <i>Energy and Environmental Science</i> , 2022, 15, 4561-4571.	15.6	24
1114	Solid-Liquid-Gas Phase Equilibria for Small Phenylene-Thiophene Co-Oligomers. <i>Journal of Chemical & Engineering Data</i> , 2022, 67, 3033-3045.	1.0	1
1115	Bottom-Up Preparation of Twisted Graphene Nanoribbons by Cu-Catalyzed Deoxygenative Coupling. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	0
1116	Theoretical Design, Synthesis, Solvatochromic Studies and Non-Linear Optical Properties of 3,4-Ethylenedioxythiophene and 3,4-Propylenedioxythiophene based Copolymers. <i>ChemistrySelect</i> , 2022, 7, .	0.7	0
1117	Bottom-Up Preparation of Twisted Graphene Nanoribbons by Cu-Catalyzed Deoxygenative Coupling. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	7
1119	Effect of substituents and chain length in amino-1,4-naphthoquinones on glutathione-S-transferase inhibition: molecular docking and electrochemical perspectives: a structure-activity study. <i>New Journal of Chemistry</i> , 0, , .	1.4	0
1120	I-V, dielectric, antibacterial, and robust EMI shielding effectiveness properties of graphene/Fe ₃ O ₄ . <i>Inorganic Chemistry Communication</i> , 2022, 146, 110039.	1.8	6
1121	Theoretical design, synthesis, characterization and solvatochromic studies and non-linear optical <i>Journal of Polymer Research</i> , 2022, 29, .	1.2	0
1122	A new strategy for the synthesis of oxo-rhenium(V) porphyrins: Synthesis, characterization, theoretical calculations and electrochemical aspects. <i>Inorganica Chimica Acta</i> , 2023, 547, 121344.	1.2	1
1123	Effect of Plant Nanocellulose Electrolyte, Zinc Oxide Nanoparticles, and Nano-Chlorophyll Sensitiser on the Dye-Sensitised Solar Cell Performance. <i>Crystals</i> , 2022, 12, 1771.	1.0	0
1124	Redox impulse, computational calculation of molecular energy potentials and ultra-trace determination of the food colorant erythrosine b in fruit jams, soft drinks and water. <i>Journal of Food Composition and Analysis</i> , 2023, 117, 105110.	1.9	0
1125	Two-Step Synthesis, Structure, and Optical Features of a Double Hetero[7]helicene. <i>Molecules</i> , 2022, 27, 9068.	1.7	4

#	ARTICLE	IF	CITATIONS
1126	Synthesis, photoluminescence and electroluminescence properties of a new blue emitter with aggregation-induced emission and thermally activated delayed fluorescence characteristics. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2023, , 122344.	2.0	1
1127	A study on fabrication and characterization of dye sensitized solar cells with carissa spinuram, iresine herbstii and ipomoea purpurea as sensitizers in visible light. Optical and Quantum Electronics, 2023, 55, .	1.5	3
1129	Estimating the Vertical Ionization Potential of Single-Stranded DNA Molecules. Journal of Chemical Information and Modeling, 2023, 63, 1766-1775.	2.5	0
1130	A Fluorescence Probe for "Turn-Off" Heavy-Metal-Ion Sensing " Synthesis and Characterization of a Dipyrrromethene p-Phenylenevinylene Conjugated Copolymer and Its Electronic and Optical Properties. ChemistrySelect, 2023, 8, .	0.7	1
1139	Oxidative chemical vapor deposition for synthesis and processing of conjugated polymers: a critical review. Journal of Materials Chemistry C, 0, , .	2.7	0