

Levent Toppare

List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Processable Multipurpose Conjugated Polymer for Electrochromic and Photovoltaic Applications. Chemistry of Materials, 2010, 22, 2978-2987.	3.2	153
2	Donor-Acceptor Polymer with Benzotriazole Moiety: Enhancing the Electrochromic Properties of the Donor Unit. Chemistry of Materials, 2008, 20, 7510-7513.	3.2	143
3	Benzotriazole containing conjugated polymers for multipurpose organic electronic applications. Polymer Chemistry, 2011, 2, 1029-1043.	1.9	139
4	A Unique Processable Green Polymer with a Transmissive Oxidized State for Realization of Potential RGB-Based Electrochromic Device Applications. Advanced Functional Materials, 2008, 18, 2026-2030.	7.8	120
5	New, Highly Stable Electrochromic Polymers from 3,4-Ethylenedioxythiophene-Bis-Substituted Quinoxalines toward Green Polymeric Materials. Chemistry of Materials, 2007, 19, 6247-6251.	3.2	119
6	One polymer for all: benzotriazole containing donor-acceptor type polymer as a multi-purpose material. Chemical Communications, 2009, , 6768.	2.2	111
7	Photoinduced Polymerization of Thiophene Using Iodonium Salt. Macromolecular Chemistry and Physics, 2005, 206, 1178-1182.	1.1	82
8	Block copolymers of thiophene-capped poly(methyl methacrylate) with pyrrole. , 1999, 37, 4218-4225.		68
9	Dual Type Complementary Colored Polymer Electrochromic Devices Based on Conducting Polymers of		

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19	Conducting graft copolymers of poly(3-methylthienyl methacrylate) with pyrrole and thiophene. Journal of Polymer Science Part A, 2002, 40, 4131-4140.	2.5	51
20	Synthesis, characterization and optoelectrochemical properties of poly(1,6-bis(2,5-di(thiophen-2-yl)-1H-pyrrol-1-yl)hexane) and its copolymer with EDOT. Journal of Electroanalytical Chemistry, 2008, 621, 55-61.	1.9	51
21	Development of an efficient immobilization matrix based on a conducting polymer and functionalized multiwall carbon nanotubes: synthesis and its application to ethanol biosensors. Journal of Materials Chemistry B, 2014, 2, 511-521.	2.9	50
22	A Novel and Effective Surface Design: Conducting Polymer/ β -Cyclodextrin Host-Guest System for Cholesterol Biosensor. ACS Applied Materials & Interfaces, 2014, 6, 18290-18300.	4.0	49
23	Preparation of conductive polybenzoxazines by oxidative polymerization. Journal of Polymer Science Part A, 2007, 45, 999-1006.	2.5	48
24	Gold nanoparticle modified conducting polymer of 4-(2,5-di(thiophen-2-yl)-1H-pyrrole-1-yl) benzenamine for potential use as a biosensing material. Food Chemistry, 2011, 127, 1317-1322.	4.2	47
25	Electrochemical and optical studies of furan and thieno[3,2-b]thiophene end capped benzotriazole derivatives. Journal of Polymer Science Part A, 2010, 48, 5603-5610.	2.5	45
26	A new soluble conducting polymer and its electrochromic devices. Journal of Polymer Science Part A, 2006, 44, 2215-2225.	2.5	44
27	Enhancing electrochromic properties of conducting polymers via copolymerization: Copolymer of 1-(4-fluorophenyl)-2,5-di(thiophen-2-yl)-1H-pyrrole with 3,4-ethylene dioxythiophene. Journal of Polymer Science Part A, 2007, 45, 4496-4503.		44
28	Conducting polymer composites: Polypyrrole and poly(vinyl chloride-vinyl acetate) copolymer. Journal of Applied Polymer Science, 1997, 64, 667-671.	1.3	42
29	Electroactive macromonomers based on pyrrole and thiophene: a versatile route to conducting block and graft polymers. Polymer International, 2003, 52, 1573-1578.	1.6	39
30	Silver Nanowire/Conducting Polymer Nanocomposite Electrochromic Supercapacitor Electrodes. Journal of the Electrochemical Society, 2017, 164, A721-A727.	1.3	39
31	Electrochromic properties and electrochromic device application of copolymer of N-(4-(3-thienyl)thiophen-2-yl)pyrrole. Journal of Polymer Science Part A, 2012, 50, 4500-4505.	1.3	38
32	Electrochemical Properties of a New Star-Shaped Pyrrole Monomer and its Electrochromic Applications. Macromolecular Chemistry and Physics, 2006, 207, 1351-1358.	1.1	37
33	Conducting copolymers of polypyrrole/polytetrahydrofuran. Polymer Bulletin, 1998, 40, 639-645.	1.7	36
34	Synthesis and characterization of conducting copolymers of poly(vinyl alcohol) with thiophene side-groups and pyrrole. Polymer International, 2004, 53, 2138-2144.	1.6	36
35	A novel architecture based on a conducting polymer and calixarene derivative: its synthesis and biosensor construction. RSC Advances, 2015, 5, 35940-35947.	1.7	36
36	Both p- and n-type dopable polymer toward electrochromic applications. Organic Electronics, 2008, 9, 501-506.	1.4	35

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37	A novel promising biomolecule immobilization matrix: Synthesis of functional benzimidazole containing conducting polymer and its biosensor applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 112, 74-80.	2.5	35
38	Synthesis and electrochromic properties of triphenylamine containing copolymers: Effect of Ñ-bridge on electrochemical properties. <i>Journal of Polymer Science Part A</i> , 2014, 52, 537-544.	2.5	35
39	Construction and amperometric biosensing performance of a novel platform containing carbon nanotubes-zinc phthalocyanine and a conducting polymer. <i>International Journal of Biological Macromolecules</i> , 2017, 96, 61-69.	3.6	35
40	A new donor-acceptor type polymeric material from a thiophene derivative and its electrochromic properties. <i>Journal of Polymer Science Part A</i> , 2008, 46, 3723-3731.	2.5	34
41	Fused structures in the polymer backbone to investigate the photovoltaic and electrochromic properties of donor-acceptor type conjugated polymers. <i>Journal of Polymer Science Part A</i> , 2013, 51, 1933-1941.	2.5	34
42	Electrochromic Properties of 'Trimeric' Thiophene-Pyrrole-Thiophene Derivative Grown from Electrodeposited 6-(2,5-di(thiophen-2-yl)hexan-1-yl)pyrrole and its Copolymer. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2008, 45, 164-171.	2.5	33
43	A promising combination of benzotriazole and quinoxaline units: A new acceptor moiety toward synthesis of multipurpose donor-acceptor type polymers. <i>Journal of Materials Chemistry</i> , 2012, 22, 4687.	6.7	33
44	Immobilization of invertase in conducting thiophene-capped poly(methylmethacrylate)/polypyrrole matrices. <i>Journal of Biomaterials Science, Polymer Edition</i> , 1999, 10, 1223-1235.	1.9	32
45	Neutral State Green Conjugated Polymers from Pyrrole Bis-Substituted Benzothiadiazole and Benzoselenadiazole for Electrochromic Devices. <i>Macromolecular Chemistry and Physics</i> , 2011, 212, 799-805.	1.1	32
46	Functionalization of poly-SNS-anchored carboxylic acid with Lys and PAMAM: surface modifications for biomolecule immobilization/stabilization and bio-sensing applications. <i>Analyst</i> , The, 2012, 137, 4254.	1.7	32
47	Selenium containing conducting polymer based pyranose oxidase biosensor for glucose detection. <i>Food Chemistry</i> , 2015, 172, 219-224.	4.2	32
48	Paper Based Glucose Biosensor Using Graphene Modified with a Conducting Polymer and Gold Nanoparticles. <i>Journal of the Electrochemical Society</i> , 2017, 164, G59-G64.	1.3	32
49	Quaternized Polymer-Single-Walled Carbon Nanotube Scaffolds for a Chemiresistive Glucose Sensor. <i>ACS Sensors</i> , 2017, 2, 1123-1127.	4.0	32
50	Synthesis and characterization of thiophene functionalized polystyrene copolymers and their electrochemical properties. <i>Polymer International</i> , 2005, 54, 1599-1605.	1.6	30
51	Electrochromic device and bulk heterojunction solar cell applications of poly 4,7-bis(2,3-dihydrothieno[3,4-b][1,4]dioxin-5-yl)-2-dodecyl-2H-benzo[1,2,3]triazole (PBEBT). <i>Solar Energy Materials and Solar Cells</i> , 2010, 94, 1797-1802.	3.0	30
52	Spray-processable thiazolothiazole-based copolymers with altered donor groups and their electrochromic properties. <i>Journal of Polymer Science Part A</i> , 2013, 51, 3901-3906.	2.5	30
53	A Nonionic Alcohol Soluble Polymer Cathode Interlayer Enables Efficient Organic and Perovskite Solar Cells. <i>Chemistry of Materials</i> , 2021, 33, 8602-8611.	3.2	28
54	Conducting Copolymers of 3-Methylthienyl Methacrylate and p-Vinylbenzyloxy Poly(ethyleneoxide) and Their Electrochromic Properties. <i>Polymer Bulletin</i> , 2005, 53, 193-201.	1.7	26

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55	Effect of conjugated core building block dibenzo[a,c]phenazine unit on π -conjugated electrochromic polymers: Red-shifted absorption. Journal of Polymer Science Part A, 2010, 48, 1714-1720.	2.5	26
56	A novel functional conducting polymer: synthesis and application to biomolecule immobilization. Journal of Materials Chemistry, 2012, 22, 22517.	6.7	25
57	Development of a novel biosensor based on a conducting polymer. Talanta, 2014, 118, 84-89.	2.9	25
58	Synthesis and characterization of a novel polyphosphazene and its application to biosensor in combination with a conducting polymer. Sensors and Actuators B: Chemical, 2014, 201, 545-554.	4.0	25
59	Electrochemical and optical properties of 5,6-bis(octyloxy)-2,1,3 benzooxadiazole containing low band gap polymers. Synthetic Metals, 2014, 191, 19-27.	2.1	25
60	Synthesis and characterization of conducting copolymer of <i>trans</i> -1,4-bis(4-methylthienyl)-2-(ferrocenyl)ethene with EDOT. Journal of Applied Polymer Science, 2012, 126, 808-814.	2.3	24
61	Silafluorene-based polymers for electrochromic and polymer solar cell applications. Journal of Polymer Science Part A, 2015, 53, 1541-1547.	2.5	24
62	A new high-performance blue to transmissive electrochromic material and use of silver nanowire network electrodes as substrates. Journal of Polymer Science Part A, 2017, 55, 1680-1686.	2.5	24
63	A Low Band Gap Benzimidazole Derivative and Its Copolymer with 3,4-Ethylenedioxythiophene for Electrochemical Studies. Journal of the Electrochemical Society, 2015, 162, H6-H14.	1.3	23
64	Facile Synthesis of Poly(hydridocarbyne): A Precursor to Diamond and Diamond-like Ceramics. Journal of Macromolecular Science - Pure and Applied Chemistry, 2008, 45, 358-363.	1.2	22
65	Synthesis and spectroelectrochemistry of dithieno(3,2-b:2',3'-d)pyrrole derivatives. Journal of Applied Polymer Science, 2014, 131, .	1.3	22
66	Simultaneous and Sequential Synthesis of Polyaniline-g-poly(ethylene glycol) by Combination of Oxidative Polymerization and CuAAC Click Chemistry: A Water-Soluble Instant Response Glucose Biosensor Material. Macromolecules, 2017, 50, 1824-1831.	2.2	22
67	A new NIR absorbing DPP-based polymer for thick organic solar cells. Journal of Materials Chemistry C, 2018, 6, 2957-2961.	2.7	22
68	Multichromic benzimidazole-containing polymers: Comparison of donor and acceptor unit effects. Journal of Polymer Science Part A, 2012, 50, 3499-3506.	2.5	21
69	Synthesis, Characterization and Optoelectrochemical Properties of Poly(2,5-di(thiophen-2-yl)-1-(4-(thiophen-3-yl)phenyl)-1H-pyrrole-co-EDOT). Designed Monomers and Polymers, 2010, 13, 261-275.	0.7	20
70	The effect of the different donor units on fluorescent conjugated polymers containing 2,1,3-benzooxadiazole as the acceptor unit. Journal of Electroanalytical Chemistry, 2015, 751, 80-89.	1.9	20
71	Benzotriazole and benzodithiophene containing medium band gap polymer for bulk heterojunction polymer solar cell applications. Journal of Polymer Science Part A, 2015, 53, 528-535.	2.5	20
72	Syntheses and Electrochemical Characterization of Low Oxidation Potential Nitrogen Analogs of Pedot as Electrochromic Materials. Journal of the Electrochemical Society, 2016, 163, E293-E299.	1.3	20

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73	Electrochromic properties of a copolymer of 1,4-bis[2,5-bis(2-thienyl)pyrrolyl]benzene with EDOT. Journal of Applied Polymer Science, 2009, 112, 1082-1087.	1.3	19
74	Poly(pyrrole) versus poly(3,4-ethylenedioxythiophene): amperometric cholesterol biosensor matrices. Journal of Solid State Electrochemistry, 2009, 13, 657-663.	1.2	19
75	Novel poly(2,5-dithienylpyrrole) (PSNS) derivatives functionalized with azobenzene, coumarin and fluorescein chromophore units: spectroelectrochemical properties and electrochromic device applications. New Journal of Chemistry, 2015, 39, 3371-3379.	1.4	19
76	Synthesis of a benzotriazole bearing alternating copolymer for organic photovoltaic applications. New Journal of Chemistry, 2015, 39, 6623-6630.	1.4	19
77	2,1,3-Benzoxadiazole, thiophene and benzodithiophene based random copolymers for organic photovoltaics: thiophene versus thieno[3,2-b]thiophene as π -conjugated linkers. New Journal of Chemistry, 2016, 40, 10455-10464.	1.4	19
78	Synthesis and spectroelectrochemical characterization of multi-colored novel poly(3,6-dithienylcarbazole) derivatives containing azobenzene and coumarin chromophore units. Electrochimica Acta, 2016, 196, 140-152.	2.6	19
79	Conjugated polymers with benzothiadiazole and benzotriazole moieties for polymer solar cells. Renewable Energy, 2019, 139, 1184-1193.	4.3	19
80	A Conducting Composite of Polythiophene: Synthesis and Characterization. Polymer International, 1996, 41, 237-244.	1.6	18
81	Electrochromism in multichromic conjugated polymers: Thiophene and azobenzene derivatives on the main chain. Journal of Electroanalytical Chemistry, 2012, 665, 52-57.	1.9	18
82	Enzyme immobilization in a photosensitive conducting polymer bearing azobenzene in the main chain. Polymer Bulletin, 2014, 71, 1827-1841.	1.7	18
83	Construction of amperometric biosensor modified with conducting polymer/carbon dots for the analysis of catechol. Journal of Polymer Science, 2020, 58, 3336-3348.	2.0	18
84	IMMOBILIZATION OF YEAST CELLS IN SEVERAL CONDUCTING POLYMER MATRICES. Journal of Macromolecular Science - Pure and Applied Chemistry, 2002, 39, 183-197.	1.2	17
85	Immobilization of invertase in conducting polypyrrole/PMMA-co-PMTM graft copolymers. Journal of Applied Polymer Science, 2005, 96, 502-507.	1.3	17
86	Electrochemical Synthesis of a Water-Soluble and Self-Doped Polythiophene Derivative. Designed Monomers and Polymers, 2008, 11, 309-317.	0.7	17
87	Spectroelectrochemical and Photovoltaic Characterization of a Solution-Processable n -Type Dopable Pyrrole-Bearing Conjugated Polymer. Macromolecular Chemistry and Physics, 2010, 211, 2602-2610.	1.1	17
88	Syntheses and optoelectronic properties of quinoxaline polymers: The effect of donor unit. Journal of Polymer Science Part A, 2011, 49, 4065-4070.	2.5	17
89	A bio-sensing platform utilizing a conjugated polymer, carbon nanotubes and PAMAM combination. Journal of Electroanalytical Chemistry, 2017, 799, 370-376.	1.9	17
90	A correlation of anodic peak potentials with HOMO energies of various monomers. Die Makromolekulare Chemie, 1983, 184, 1661-1667.	1.1	16

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91	Conducting composites of polypyrrole with polytetramethylbisphenol A carbonate. Journal of Applied Polymer Science, 1996, 61, 1067-1075.	1.3	16
92	Synthesis and characterization of poly(N-(2-(thiophen-3-yl)methylcarbonyloxyethyl)maleimide) and its spectroelectrochemical properties. Journal of Applied Electrochemistry, 2007, 37, 729-735.	1.5	16
93	Green as it Gets; Donor-Acceptor type Polymers as the Key to Realization of RGB Based Polymer Display Devices. Macromolecular Symposia, 2010, 297, 79-86.	0.4	16
94	Design of Carbon Nanotube Modified Conducting Polymer for Biosensing Applications. Journal of Macromolecular Science - Pure and Applied Chemistry, 2011, 48, 503-508.	1.2	16
95	Sequential Deposition of Electrochromic MoO ₃ Thin Films with High Coloration Efficiency and Stability. Journal of the Electrochemical Society, 2017, 164, E565-E571.	1.3	16
96	Synthesis of conducting polysiloxane- <i>pp</i> polypyrrole graft copolymers. Polymer Bulletin, 2002, 47, 501-508.	1.7	15
97	Immobilization of Invertase in a Novel Proton Conducting Poly(vinylphosphonic acid)- <i>pp</i> poly(1-vinylimidazole) Network. Journal of Macromolecular Science - Pure and Applied Chemistry, 2010, 47, 639-646.	1.2	15
98	Blend or copolymer? Spectroelectrochemical evidence of copolymerization and blending of two electrochromic monomers. Colloid and Polymer Science, 2013, 291, 767-772.	1.0	15
99	Poly(o-aminophenol) prepared by Cu(II) catalyzed air oxidation and its use as a bio-sensing architecture. Polymer Chemistry, 2017, 8, 3881-3888.	1.9	15
100	Polypyrrole Grafts Synthesized via Electrochemical Polymerization. Journal of Macromolecular Science - Pure and Applied Chemistry, 1998, 35, 1727-1739.	1.2	14
101	Conducting copolymers of polytetrahydrofuran and their electrochromic properties. Journal of Applied Polymer Science, 2005, 95, 1014-1023.	1.3	14
102	A sepiolite modified conducting polymer based biosensor. Colloids and Surfaces B: Biointerfaces, 2013, 111, 549-555.	2.5	14
103	Synthesis and Characterization of Thiophene and Thieno[3,2-b]thiophene Containing Conjugated Polymers. Journal of the Electrochemical Society, 2015, 162, G75-G81.	1.3	14
104	Effect of substituent groups on quinoxaline-based random copolymers on the optoelectronic and photovoltaic properties. Polymer, 2016, 101, 208-216.	1.8	14
105	Multipurpose selenophene containing conjugated polymers for optoelectronic applications. Journal of Macromolecular Science - Pure and Applied Chemistry, 2017, 54, 133-139.	1.2	14
106	CONDUCTING MULTIPHASE BLOCK COPOLYMERS OF POLYPYRROLE WITH POLYTETRAHYDROFURAN AND POLYTETRAHYDROFURAN- <i>b</i> -POLYSTYRENE. Journal of Macromolecular Science - Pure and Applied Chemistry, 2000, 37, 277-291.	1.2	13
107	A triazoloquinoxaline and benzodithiophene bearing low band gap copolymer for electrochromic and organic photovoltaic applications. Synthetic Metals, 2017, 228, 111-119.	2.1	13
108	Synthesis of a Multifunctional Quinoxaline and Benzodithiophene Bearing Polymer and Its Electrochromic Device Applications. Macromolecular Chemistry and Physics, 2020, 221, 1900470.	1.1	13

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109	The impact of [1,2,5]chalcogenazolo[3,4- <i>sc</i>]benzo[1,2,3]triazole structure on the optoelectronic properties of conjugated polymers. <i>Journal of Polymer Science</i> , 2020, 58, 956-968.	2.0	13
110	Synthesis and Electrochromic Properties of a Symmetric Polythiophene Derivative: Decanedionic Acid Bis(2-(thiophene-3-yl)ethyl)ether)ester and its Copolymer with Thiophene. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2005, 42, 451-462.	1.2	12
111	Dibenzophenazine derivatives as visible photosensitizers for diaryliodonium salts. <i>Journal of Polymer Science Part A</i> , 2011, 49, 3299-3303.	2.5	12
112	Polymerization and biosensor application of water soluble peptide-SNS type monomer conjugates. <i>Journal of Materials Chemistry B</i> , 2017, 5, 7384-7392.	2.9	12
113	Multichromic Vanadium Pentoxide Thin Films Through Ultrasonic Spray Deposition. <i>Journal of the Electrochemical Society</i> , 2021, 168, 106511.	1.3	12
114	Electroinitiated cationic polymerization of isoprene. <i>Journal of Polymer Science, Part C: Polymer Letters</i> , 1986, 24, 185-189.	0.7	11
115	A Novel Near-IR Effective Pyrene-Based Donor-Acceptor Electrochrome. <i>Macromolecular Chemistry and Physics</i> , 2015, 216, 829-836.	1.1	11
116	Syntheses, electrochemical and spectroelectrochemical characterization of benzothiadiazole and benzoselenadiazole based random copolymers. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2016, 53, 475-483.	1.2	11
117	A comprehensive study: Theoretical and experimental investigation of heteroatom and substituent effects on frontier orbitals and polymer solar cell performances. <i>Journal of Polymer Science</i> , 2020, 58, 2792-2806.	2.0	11
118	PYROLYSIS OF BF ₄ -DOPED POLYPYRROLE BY DIRECT INSERTION PROBE PYROLYSIS MASS SPECTROMETRY. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2001, 38, 1141-1150.	1.2	10
119	Immobilization of Invertase in Copolymer of 2,5-Di(thiophen-2-yl)-1-p-Tolyl-1H-Pyrrole with Pyrrole. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2009, 46, 739-744.	1.2	10
120	A green neutral state donor-acceptor copolymer for organic solar cells. <i>Polymer Chemistry</i> , 2010, 1, 1245.	1.9	10
121	Electrochemical Properties of Perylene Diimide (PDI) and Benzotriazole (Btz) Bearing Conjugated Polymers to Investigate the Effect of ĩ-Bridge on Electrochemical Properties. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2015, 52, 1-9.	1.2	10
122	Synthesis and characterization of water-soluble oligosalicylaldehyde-sulfanilic acid and its Cu(II), Co(II), Pb(II) complexes. <i>Journal of Applied Polymer Science</i> , 2008, 110, 564-568.	1.3	9
123	Incorporation of different conjugated linkers into low band gap polymers based on 5,6-Bis(octyloxy)-2,1,3 benzooxadiazole for tuning optoelectronic properties. <i>Journal of Polymer Science Part A</i> , 2016, 54, 2459-2467.	2.5	9
124	Triphenylamine Based Random Copolymers: The Effect of Molecular Weight on Performance of Solar Cell and Optoelectronic Properties. <i>Macromolecular Chemistry and Physics</i> , 2017, 218, 1600544.	1.1	9
125	A promising enzyme anchoring probe for selective ethanol sensing in beverages. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 1228-1235.	3.6	9
126	Selenophene-bearing low-band-gap conjugated polymers: tuning optoelectronic properties via fluorene and carbazole as donor moieties. <i>Polymer Bulletin</i> , 2020, 77, 2443-2459.	1.7	9

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127	Electroinitiated copolymerizations involving indene, styrene, and substituted styrenes. Journal of Polymer Science, Polymer Letters Edition, 1984, 22, 297-300.	0.4	8
128	Synthesis of conducting block and graft copolymers with polyether segments. Macromolecular Symposia, 2000, 157, 29-38.	0.4	8
129	Synthesis and Characterization of Conducting Copolymers of (S)-2-Methylbutyl-2-(3-thienyl)acetate with Pyrrole and Thiophene. Macromolecular Chemistry and Physics, 2003, 204, 1118-1122.	1.1	8
130	A low-band gap conductive copolymer of bis-3-hexylthiophene substituted 4-tert-butylphenyl quinoxaline and 3,4-ethylenedioxythiophene. Journal of Solid State Electrochemistry, 2010, 14, 279-283.	1.2	8
131	L-Dopa Synthesis on Conducting Polymers. Journal of Macromolecular Science - Pure and Applied Chemistry, 2010, 47, 209-214.	1.2	8
132	A New Amperometric Alcohol Oxidase Biosensor Based on Conducting Polymer of (4,7-Dithien-2-yl-2,) Tj ETQq0 0 0 rgBT /Overlock 10 TF 185-190.	1.2	8
133	Effective and Functional Surface Design for Biosensing Applications Based on a Novel Conducting Polymer and PMMA/Clay Nanocomposite. Electroanalysis, 2013, 25, 1995-2006.	1.5	8
134	Synthesis and Characterization of Conducting Copolymers of Thiophene Derivatives. Journal of Macromolecular Science - Pure and Applied Chemistry, 2014, 51, 210-216.	1.2	8
135	Fabrication of a Novel Polymeric Scaffold for Amperometric Laccase Biosensor. Journal of Polymer Science Part A, 2019, 57, 2333-2339.	2.5	8
136	Synthesis and characterization of optical, electrochemical and photovoltaic properties of selenophene bearing benzodithiophene based alternating polymers. Journal of Electroanalytical Chemistry, 2020, 862, 114014.	1.9	8
137	Synthesis of selenophene substituted benzodithiophene and fluorinated benzothiadiazole based conjugated polymers for organic solar cell applications. Electrochimica Acta, 2021, 398, 139298.	2.6	8
138	Non-fullerene organic photovoltaics based on thienopyrroledione comprising random copolymers; effect of alkyl chains. Renewable Energy, 2021, 178, 202-211.	4.3	8
139	Radiation-induced and electroinitiated polymerisation of 1, 2-Epoxy-4-epoxyethylcyclohexane. British Polymer Journal, 1983, 15, 187-189.	0.7	7
140	Synthesis of conducting graft copolymers of 2-(N-pyrrolyl)ethylvinyl ether with pyrrole. Designed Monomers and Polymers, 2001, 4, 53-65.	0.7	7
141	Synthesis, Characterization and Electrochromic Properties of Copolymer of Terephthalic Acid Bis-(thiophen-3-yl-methyl) Thioester with Thiophene. Journal of Macromolecular Science - Pure and Applied Chemistry, 2006, 43, 115-128.	1.2	7
142	Conducting Copolymers of Random and Block Copolymers of Electroactive and Liquid Crystalline Monomers with Pyrrole and Thiophene. Journal of Macromolecular Science - Pure and Applied Chemistry, 2007, 44, 265-270.	1.2	7
143	Gas sensing property of a conducting copolymer. E-Polymers, 2007, 7, .	1.3	7
144	The Synthesis of Complex Polymer Electrolytes Based on Alginic Acid and Poly(1-vinylimidazole) and Application in Tyrosinase Immobilization. Polymer Journal, 2009, 41, 46-50.	1.3	7

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145	Synthesis and characterization of conducting copolymers of quinoxaline derivatives. Journal of Applied Polymer Science, 2011, 120, 1713-1719.	1.3	7
146	Dielectric and electrical properties of an organic device containing benzotriazole and fluorene bearing copolymer. Journal of Applied Polymer Science, 2013, 128, 1659-1664.	1.3	7
147	Synthesis of bistrisphenylamine- and benzodithiophene-based random conjugated polymers for organic photovoltaic applications. Journal of Polymer Science Part A, 2017, 55, 3705-3715.	2.5	7
148	ProTOT: Synthesis of the missing member of the 3,4-chalcogen substituted bridged thiophenes and its utilization in donor-acceptor polymers. Polymer, 2021, 212, 123076.	1.8	7
149	Altering Electronic and Optical Properties of Novel Benzothiadiazole Comprising Homopolymers via π -Bridges. Journal of the Electrochemical Society, 2021, 168, 036514.	1.3	7
150	Light induced step-growth polymerization of Donor-Acceptor-Donor (DAD) type monomers based on thiophene - [1,2,5] Chalcogenazolo[3,4-f]-benzo [1,2,3] triazole - Thiophene. European Polymer Journal, 2021, 161, 110831.	2.6	7
151	Electro-copolymerisation of indene and styrene. British Polymer Journal, 1985, 17, 257-259.	0.7	6
152	Characterization of doped polypyrrole-poly(methylthienyl methacrylate) films via pyrolysis mass spectrometry. Polymer International, 2004, 53, 926-930.	1.6	6
153	Investigation of Copolymers of Thiophene-Functionalized Polystyrene with Pyrrole by Pyrolysis Mass Spectrometry. Journal of Macromolecular Science - Pure and Applied Chemistry, 2006, 43, 655-665.	1.2	6
154	Structure-property relations in donor-acceptor-donor type benzimidazole containing conjugated polymers. Journal of Materials Science, 2014, 49, 225-231.	1.7	6
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