Ismet Kaya

List of Publications by Year
in descending order

287 papers	4,196 citations	172386 29 h-index	243529 44 g-index
291 all docs	291 docs citations	291 times ranked	2584 citing authors

#	Article	IF	Citations
1	Synthesis, characterization of magnetic chitosan/active charcoal composite and using at the adsorption of methylene blue and reactive blue4. Microporous and Mesoporous Materials, 2016, 232, 26-38.	2.2	128
2	Synthesis and characterization of magnetic ZnCl2-activated carbon produced from coconut shell for the adsorption of methylene blue. Journal of Molecular Structure, 2021, 1232, 130071.	1.8	106
3	The synthesis and properties of oligosalicylaldehyde and its Schiff base oligomers. Polymer, 2001, 42, 4859-4865.	1.8	97
4	Synthesis and characterization of fluorescent polyphenol species derived from methyl substituted aminopyridine based Schiff bases: The effect of substituent position on optical, electrical, electrochemical, and fluorescence properties. Synthetic Metals, 2010, 160, 911-920.	2.1	86
5	Electrochemical and optical properties of biphenyl bridged-dicarbazole oligomer films: Electropolymerization and electrochromism. Electrochimica Acta, 2009, 54, 5694-5702.	2.6	83
6	The synthesis and characterisation of planar oligophenol with Schiff base substitute. Synthetic Metals, 2002, 126, 183-191.	2.1	75
7	Synthesis and characterization of new polyphenols derived from o-dianisidine: The effect of substituent on solubility, thermal stability, and electrical conductivity, optical and electrochemical properties. European Polymer Journal, 2009, 45, 1586-1598.	2.6	73
8	Preparation and characterization of sepioliteâ€poly(ethyl methacrylate) and poly(2â€hydroxyethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.3	60
9	Synthesis and characterization of fluorescent graft fluorene-co-polyphenol derivatives: The effect of substituent on solubility, thermal stability, conductivity, optical and electrochemical properties. Reactive and Functional Polymers, 2010, 70, 815-826.	2.0	54
10	Thermodynamic interactions and characterisation of poly[(glycidyl methacrylate-co-methyl, ethyl,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.8	50
11	A comparative study of aminothiazole-based polymers synthesized by chemical oxidative polymerization. Synthetic Metals, 2012, 162, 436-443.	2.1	49
12	Electrochemical, optical and electrochromic properties of imine polymers containing thiophene and carbazole units. Synthetic Metals, 2009, 159, 1034-1042.	2.1	47
13	A new conducting polymer of 2,5-bis(2-thienyl)-1H-(pyrrole) (SNS) containing carbazole subunit: Electrochemical, optical and electrochromic properties. Synthetic Metals, 2009, 159, 2013-2021.	2.1	47
14	Synthesis, characterization and using at the copper adsorption of chitosan/polyvinyl alcohol magnetic composite. Journal of Molecular Liquids, 2017, 230, 152-162.	2.3	44
15	Thermodynamic interactions and characterisation of poly(isobornyl methacrylate) by inverse gas chromatography at various temperatures. Polymer, 1999, 40, 2405-2410.	1.8	43
16	Synthesis of oligo-ortho-azomethinephenol and its oligomer-metal complexes: Characterization and application as anti-microbial agents. Journal of Applied Polymer Science, 2002, 85, 2004-2013.	1.3	42
17	A Schiff base based on triphenylamine and thiophene moieties as a fluorescent sensor for Cr (III) ions: Synthesis, characterization and fluorescent applications. Inorganica Chimica Acta, 2020, 509, 119676.	1.2	40
18	Enzymatic polymerization of hydroxy-functionalized carbazole monomer. Journal of Molecular Catalysis B: Enzymatic, 2010, 64, 89-95.	1.8	38

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19	Synthesis, characterization, thermal stability, conductivity and band gap of oligo-4-[(2-hydroxybenzylidene)amino]benzoic acid. Synthetic Metals, 2006, 156, 736-744.	2.1	37
20	Synthesis, characterization, thermal analysis, and band gap of oligo-2-methoxy-6-[(4-methylphenyl)imino]methylphenol. Journal of Applied Polymer Science, 2007, 104, 3417-3426.	1.3	34
21	Synthesis, characterization, thermal stability and electrochemical properties of poly-4-[(2-methylphenyl)iminomethyl]phenol. European Polymer Journal, 2007, 43, 127-138.	2.6	34
22	Synthesis and characterization of yellow and green light emitting novel polymers containing carbazole and electroactive moieties. Electrochimica Acta, 2012, 65, 104-114.	2.6	34
23	Synthesis, Characterization and Thermal Degradation of Oligoâ€2â€[(4â€hydroxyphenyl) Imino Methyl]â€1â€naphtol and Oligomerâ€Metal Complexes. Journal of Macromolecular Science - Pure and Applied Chemistry, 2006, 43, 719-733.	1.2	33
24	Soluble semi-conductive chelate polymers containing Cr(III) in the backbone: Synthesis, characterization, optical, electrochemical, and electrical properties. Polymer, 2009, 50, 5653-5660.	1.8	32
25	A new approach to the Schiff base-substituted oligophenols: The electrochromic application of 2-[3-thienylmethylene]aminophenol based co-polythiophenes. Organic Electronics, 2011, 12, 210-218.	1.4	32
26	Synthesis and characterization of oligo-2-hydroxy-1-naphthaldehyde and its Schiff base oligomers. Journal of Applied Polymer Science, 2003, 90, 442-450.	1.3	31
27	Synthesis and characterization of graft copolymers of melamine: Thermal stability, electrical conductivity, and optical properties. Synthetic Metals, 2009, 159, 1572-1582.	2.1	31
28	Synthesis, characterization, conductivity and thermal degradation of oligo-2-[(4-morpholin-4-yl-phenyl)imino]methylphenol and its oligomerâ€“metal complex compounds. Synthetic Metals, 2006, 156, 1123-1132.	2.1	30
29	Syntheses of novel copolymers containing carbazole and their electrochromic properties. Journal of Electroanalytical Chemistry, 2013, 691, 1-12.	1.9	29
30	Synthesis and characterization of azomethine polymers containing ether and ester groups. Journal of Saudi Chemical Society, 2017, 21, 505-516.	2.4	29
31	Synthesis, characterization and optimum reaction conditions of oligo-2-amino-3-hydroxypyridine and its Schiff base oligomer. Polymer, 2004, 45, 1743-1753.	1.8	28
32	Synthesis, characterization and thermal degradation of oligo-2-[(4-fluorophenyl) imino methylene] phenol and some of its oligomer-metal complexes. European Polymer Journal, 2004, 40, 2025-2032.	2.6	28
33	Oxidative synthesis of a novel polyphenol having pendant Schiff base group: Synthesis, characterization, non-isothermal decomposition kinetics. Thermochimica Acta, 2011, 518, 72-81.	1.2	28
34	Effect of deposition charges on the wettability performance of electrochromic polymers. Applied Surface Science, 2015, 331, 262-270.	3.1	28
35	Synthesis and characterization of a highly selective turn-on fluorescent chemosensor for Sn2+ derived from diimine Schiff base. Synthetic Metals, 2021, 272, 116668.	2.1	28
36	Synthesis of a Novel Fluorescent Schiff Base as a Possible Cu(II) Ion Selective Sensor. Journal of Fluorescence, 2010, 20, 771-777.	1.3	27

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37	Facile and regioselective synthesis of poly(5-hydroxyquinoline). Reactive and Functional Polymers, 2011, 71, 675-683.	2.0	27
38	A highly selective, sensitive and stable fluorescent chemosensor based on Schiff base and poly(azomethine-urethane) for Fe3+ ions. Journal of Industrial and Engineering Chemistry, 2017, 46, 234-243.	2.9	27
39	Synthesis and characterization of novel polyphenol species derived from bis(4â€aminophenyl)ether: Substituent effects on thermal behavior, electrical conductivity, solubility, and optical band gap. Journal of Applied Polymer Science, 2008, 110, 539-549.	1.3	26
40	Synthesis and characterization of novel polyazomethines containing perylene units. Polymer, 2008, 49, 703-714.	1.8	26
41	The molecular structure of plasma polymerized thiophene and pyrrole thin films produced by double discharge technique. Synthetic Metals, 2009, 159, 2001-2008.	2.1	26
42	Highly Selective and Stable Florescent Sensor for Cd(II) Based on Poly(azomethine-urethane). Journal of Fluorescence, 2013, 23, 115-121.	1.3	26
43	Synthesis, characterization, and antimicrobial properties of oligo-4-[(pyridine-3-yl-methylene) amino] phenol. Journal of Applied Polymer Science, 2006, 102, 3327-3333.	1.3	25
44	Synthesis, characterization, thermal stability, conductivity, and band gap of a new aromatic polyether containing an azomethine as a side. Journal of Applied Polymer Science, 2007, 106, 2282-2289.	1.3	25
45	Electrochemical and optical properties of novel donorâ€acceptor thiopheneâ€peryleneâ€thiophene polymers. Journal of Polymer Science Part A, 2008, 46, 1974-1989.	2.5	25
46	Schiff base substitute polyphenol and its metal complexes derived from oâ€vanillin with 2,3â€diaminopyridine: synthesis, characterization, thermal, and conductivity properties. Polymers for Advanced Technologies, 2008, 19, 1154-1163.	1.6	25
47	Synthesis, Characterization and Antimicrobial Properties of Oligomer and Monomer/Oligomerâ€“Metal Complexes of 2-[(Pyridine-3-yl-methylene)amino]phenol. Journal of Inorganic and Organometallic Polymers and Materials, 2009, 19, 286-297.	1.9	25
48	New conjugated azomethine oligomers obtained from bis-(hydroxyphenyl)methylenediamine via oxidative polycondensation and their complexes with metals. Synthetic Metals, 2009, 159, 1414-1421.	2.1	25
49	The synthesis and characterization of oligo-N-4-aminopyridine, oligo-2-[(pyridine-4-yl-imino) methyl] phenol and its some oligomerâ€“metal complexes. Polymer, 2003, 44, 7299-7309.	1.8	24
50	Schiff baseâ€substituted polyphenol: synthesis, characterisation and nonâ€isothermal degradation kinetics. Polymer International, 2009, 58, 570-578.	1.6	24
51	Monomer/polymer Schiff base copper(II) complexes for catalytic oxidative polymerization of 2,2â€²â€dihydroxybiphenyl. Journal of Polymer Science Part A, 2009, 47, 2977-2984.	2.5	24
52	Azomethine-based phenol polymer: Synthesis, characterization and thermal study. Synthetic Metals, 2011, 161, 79-86.	2.1	24
53	A new kind of optical Mn(II) sensor with high selectivity: Melamine based poly(azomethineâ€“urethane). Synthetic Metals, 2011, 161, 2036-2040.	2.1	24
54	A comparative study of 9,9-bis(4-aminophenyl)fluorene polymers prepared by catalytic and non-catalytic oxidative polymerisation methods. European Polymer Journal, 2011, 47, 1005-1017.	2.6	24

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55	Melamine-based poly(azomethine) hydrogels: Mechanical, biodegradability, drug loading and antibacterial properties. European Polymer Journal, 2018, 108, 107-115.	2.6	24
56	Preparation of biodegradable, and pH-sensitive poly(azomethine)-chitosan hydrogels for potential application of 5-fluoro uracil delivery. European Polymer Journal, 2021, 158, 110680.	2.6	24
57	Synthesis and thermal characterization of novel poly(azomethine-urethane)s derived from azomethine containing phenol and polyphenol species. Macromolecular Research, 2011, 19, 286-293.	1.0	23
58	Biodegradable and antibacterial poly(azomethineâ€urethane)â€chitosan hydrogels for potential drug delivery application. Polymers for Advanced Technologies, 2020, 31, 898-908.	1.6	23
59	Determination of thermodynamic properties of poly[2-(3-methyl-3-phenylcyclobutyl)-2-hydroxyethylmethacrylate] and its copolymers at infinite dilution using inverse gas chromatography. Polymer, 2000, 41, 2855-2863.	1.8	22
60	Synthesis, Characterization and Anti-microbial Activity of Oligo-N-2-aminopyridinylsalicylaldimine and Some Oligomer-metal Complexes. Journal of Polymer Research, 2004, 11, 37-42.	1.2	22
61	Synthesis, optical, electrochemical, and thermal stability properties of poly(azomethine-urethane)s. Progress in Organic Coatings, 2012, 74, 204-214.	1.9	22
62	New low-band gap polyurethanes containing azomethine bonding: Photophysical, electrochemical, thermal and morphological properties. Journal of the Taiwan Institute of Chemical Engineers, 2016, 59, 536-546.	2.7	22
63	New Poly(azomethineâ€urethane)s including melamine derivatives in the main chain: Synthesis and thermal characterization. Journal of Applied Polymer Science, 2011, 120, 3027-3035.	1.3	21
64	Tunable Multicolor Emission in Oligo(4-hydroxyquinoline). Journal of Physical Chemistry C, 2012, 116, 19934-19940.	1.5	21
65	Synthesis, characterization, and thermal stability of novel poly(azomethine-urethane)s and polyphenol derivatives derived from 2,4-dihydroxy benzaldehyde and toluene-2,4-diisocyanate. Materials Chemistry and Physics, 2012, 133, 269-277.	2.0	21
66	Synthesis, Thermal and Morphological Properties of Polyurethanes Containing Azomethine Linkage. Journal of Inorganic and Organometallic Polymers and Materials, 2014, 24, 803-818.	1.9	21
67	Synthesis of Novel crosslinked Poly(azomethine-urethane)s: Photophysical and thermal properties. Materials Chemistry and Physics, 2015, 163, 301-310.	2.0	21
68	Synthesis and characterization of the polyaminophenol derivatives containing thiophene in side chain: Thermal degradation, electrical conductivity, opticalâ€electrochemical, and fluorescent properties. Journal of Applied Polymer Science, 2011, 121, 3028-3040.	1.3	20
69	A new approach for synthesis of electroactive phenol based polymer: 4-(2,5-Di(thiophen-2-yl)-1H-pyrrol-1-yl)phenol and its oxidative polymer. Progress in Organic Coatings, 2012, 73, 239-249.	1.9	20
70	The optical properties of plasma polymerized polyaniline thin films. Thin Solid Films, 2013, 548, 81-85.	0.8	20
71	The Novel Poly(azomethine-urethane): Synthesis, Morphological Properties and Application as a Fluorescent Probe for Detection of Zn2+ Ions. Journal of Inorganic and Organometallic Polymers and Materials, 2015, 25, 1250-1259.	1.9	20
72	Synthesis and characterization of conjugated polyphenols derived from azomethine formation containing terephtaldehyde via oxidative polycondensation. Journal of Macromolecular Science - Pure and Applied Chemistry, 2016, 53, 438-451.	1.2	20

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73	Reaction conditions, photophysical, electrochemical, conductivity, and thermal properties of polyazomethines. Macromolecular Research, 2017, 25, 739-748.	1.0	20
74	SYNTHESIS, CHARACTERIZATION, THERMAL DEGRADATION AND ELECTRICAL CONDUCTIVITY OF OLIGO[2-(THIEN-2-YL-METHYLENE)AMINOPHENOL] AND OLIGOMER-METAL COMPLEXES. Chinese Journal of Polymer Science (English Edition), 2009, 27, 465.	2.0	20
75	3, 4-Dichlorobenzyl methacrylate and ethyl methacrylate system: monomer reactivity ratios and determination of thermodynamic properties at infinite dilution by using inverse gas chromatography. Polymer, 2001, 42, 5181-5188.	1.8	19
76	Polystyrene functionalized carbazole and electrochromic device application. Synthetic Metals, 2009, 159, 1620-1627.	2.1	19
77	Oxidative Polymerization of N202 Type Schiff Base Monomer and Its Metal Complexes: Synthesis and Thermal, Optical and Electrochemical Properties. Journal of Inorganic and Organometallic Polymers and Materials, 2010, 20, 124-133.	1.9	18
78	Synthesis of Metal-Coordinated Poly(azomethine-urethane)s: Thermal Stability, Optical and Electrochemical Properties. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 1159-1171.	1.9	18
79	Syntheses, characterizations and electrochromic applications of polymers derived from carbazole containing thiophene rings in side chain with electrochemical and FeCl3 methods. Organic Electronics, 2013, 14, 730-743.	1.4	18
80	Facile synthesis of self-stabilized polyphenol nanoparticles. Materials Chemistry and Physics, 2013, 140, 66-74.	2.0	17
81	Template-free oxidative synthesis of polyaminonaphthol nanowires. European Polymer Journal, 2015, 66, 397-406.	2.6	17
82	Synthesis and characterization of polyphenol derived from Schiff bases containing methyl and carboxyl groups in the structure. Designed Monomers and Polymers, 2015, 18, 524-535.	0.7	17
83	Conducting polymer composites based on LDPE doped with poly(aminonaphthol sulfonic acid). Journal of Electrostatics, 2018, 94, 85-93.	1.0	17
84	Synthesis, characterization and thermal study of some tetradentate Schiff base transition metal complexes. Journal of Thermal Analysis and Calorimetry, 2009, 98, 785-792.	2.0	16
85	Novel poly(azomethineâ€urethane)s and their polyphenol derivatives derived from aliphatic diisocyanate compound: Synthesis and thermal characterization. Journal of Applied Polymer Science, 2012, 125, 876-887.	1.3	16
86	Synthesis and characterization of polyphenols derived from 4â€fluorobenzaldeyde: The effect of electronâ€donating group on some physical properties. Journal of Applied Polymer Science, 2012, 125, 608-619.	1.3	16
87	Photophysical, Electrochemical, Thermal and Morphological Properties of Polyurethanes Containing Azomethine Bonding. Journal of Macromolecular Science - Pure and Applied Chemistry, 2014, 51, 805-819.	1.2	16
88	A new selective fluorescent sensor for Zn(II) ions based on poly(azomethine-urethane). Tetrahedron Letters, 2015, 56, 1820-1824.	0.7	16
89	2,4-Diamino-6-Hydroxypyrimidine Based Poly(azomethine-Urethane): Synthesis and Application as a Fluorescent Probe for Detection of Cu2+ in Aqueous Solution. Journal of Fluorescence, 2015, 25, 1339-1349.	1.3	16
90	Synthesis, characterization and photovoltaic studies of oligo(acriflavine) via chemical oxidative polymerization. RSC Advances, 2017, 7, 8973-8984.	1.7	16

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91	Synthesis, optical, and thermal properties of polyimides containing flexible ether linkage. Journal of Applied Polymer Science, 2018, 135, 46573.	1.3	16
92	Conductivity and band gap of oligo-2-[(4-chlorophenyl) imino methylene] phenol and its oligomerâ€“metal complexes. Materials Letters, 2006, 60, 1922-1926.	1.3	15
93	Synthesis and characterization of a novel kind soluble, conjugated, and fluorescent chelate polymer containing fluorene ring in the backbone: Optical, electrical, and electrochemical properties. Synthetic Metals, 2011, 161, 13-22.	2.1	15
94	Electrochemical syntheses and characterizations of poly(2-aminobenzothiazole)s. Synthetic Metals, 2012, 162, 834-842.	2.1	15
95	Synthesis, characterization, optical, and electrochemical properties of thermal stable novel poly(azomethine-ether)s. Designed Monomers and Polymers, 2014, 17, 481-490.	0.7	15
96	Synthesis, Characterization, Electrical Conductivity and Fluorescence Properties of Polyimine Bearing Phenylacetylene Units. Journal of Fluorescence, 2016, 26, 1579-1590.	1.3	15
97	Polymerization of Chrysoidine with chemical and enzymatic oxidative preference: Synthesis, characterization, and spectroscopic study. Polymers for Advanced Technologies, 2018, 29, 2515-2528.	1.6	15
98	Syntheses, structures, electric conduction, electrochemical properties and antimicrobial activity of azomethine monomer and oligomer based on 4-hydroxybenzaldehyde and 2-aminopyridine. Polimery, 2007, 52, 827-835.	0.4	15
99	Synthesis and characterization of a pyrene-based Schiff base and its oligomer: Investigation of fluorescent Cr3+ probe. Reactive and Functional Polymers, 2022, 170, 105097.	2.0	15
100	Synthesis and characterization of oligosalicylaldehyde-graft-oligoaniline and its beginning oligomers. Journal of Applied Polymer Science, 2002, 85, 218-226.	1.3	14
101	Synthesis, characterization, and thermal degradation of oligo-2-(morpholinoiminomethyl)phenol and its Pb(II) complex compound. Journal of Applied Polymer Science, 2006, 102, 3795-3804.	1.3	14
102	Thermal studies of Co(II), Ni(II) and Cu(II) complexes of N,Nâ€²-bis(3,5-Di-t-butylsalicylidene)ethylenediamine. Journal of Thermal Analysis and Calorimetry, 2009, 96, 267-276.	2.0	14
103	The influence of CaCO₃ filler component on thermal decomposition process of PP/LDPE/DAP ternary blend. Polymers for Advanced Technologies, 2010, 21, 512-519.	1.6	14
104	A new Schiff base epoxy oligomer resin: Synthesis, characterization, and thermal decomposition kinetics. Journal of Applied Polymer Science, 2011, 121, 3211-3222.	1.3	14
105	Facile preparation of gold nanoparticles on the polyquinoline matrix: Catalytic performance toward 4-nitrophenol reduction. Synthetic Metals, 2015, 201, 11-17.	2.1	14
106	A novel shape-controlled synthesis of bifunctional organic polymeric nanoparticles. Polymer, 2015, 70, 59-67.	1.8	14
107	Superhydrophobic-electrochromic PEDOT/PFHP bilayer surfaces. Thin Solid Films, 2016, 619, 187-194.	0.8	14
108	Biosynthesis and Characterization of Organosoluble Conjugated Poly(2-aminofluorene) with the Pyrazine Bridged. Biomacromolecules, 2010, 11, 2593-2601.	2.6	13

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109	Synthesis and characterization of ether bridged polymers and their fluorescent, thermal, conductivity, optical and electrochemical properties. Journal of Electroanalytical Chemistry, 2013, 708, 54-61.	1.9	13
110	Synthesis and characterizations of poly(ether)/poly(phenol)s including azomethine coupled benzothiazole side chains: the effect of reaction conditions on the structure, optical, electrochemical, electrical and thermal properties. Polymer Bulletin, 2014, 71, 3067-3084.	1.7	13
111	Syntheses of poly(phenoxy-imine)s anchored with carboxyl group: Characterization and photovoltaic studies. Optical Materials, 2018, 78, 421-431.	1.7	13
112	Carbazole-based Schiff base: A sensitive fluorescent â€˜turn-onâ€™ chemosensor for recognition of Al(III) ions in aqueous-alcohol media. Arabian Journal of Chemistry, 2022, 15, 103935.	2.3	13
113	Synthesis, characterization, conductivity, band gap, and kinetic of thermal degradation of polyâ€4â€[(2â€mercaptophenyl) imino methyl] phenol. Journal of Applied Polymer Science, 2009, 112, 1234-1243.	1.3	12
114	Non-isothermal degradation kinetics of poly (2,2â€²-dihydroxybiphenyl). Polymer Bulletin, 2009, 63, 267-282.	1.7	12
115	Azomethine coupled fluoreneâ€“thiopheneâ€“pyrrole based copolymers: Electrochromic applications. Reactive and Functional Polymers, 2013, 73, 1167-1174.	2.0	12
116	Synthesis and characterization of aromatic and aliphatic ether bridged polymers containing carbazole moieties. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2013, 178, 863-874.	1.7	12
117	Multilayer electrochromic surfaces derived from conventional conducting polymers: Optical and surface properties. Reactive and Functional Polymers, 2015, 97, 63-68.	2.0	12
118	The synthesis and characterization of new oligo(polyether)s with Schiff base type. Synthetic Metals, 2002, 128, 267-272.	2.1	11
119	The oxidative polycondensation of 2-[(4-pyridilmethylene)-imino]phenol by molecular O2 in alkaline medium: Synthesis and characterization. Polymer Bulletin, 2008, 60, 37-48.	1.7	11
120	Synthesis, Characterization, Conductivity, Band Gap, and Thermal Analysis of Poly-[(2-mercaptophenyl)iminomethyl]-2-naphthol and Its Polymerâ€“Metal Complexes. Journal of Inorganic and Organometallic Polymers and Materials, 2010, 20, 369-379.	1.9	11
121	Synthesis and characterization of chelate polymers containing etheric diphenyl ring in the backbone: thermal, optical, electrochemical, and morphological properties. Polymers for Advanced Technologies, 2011, 22, 951-961.	1.6	11
122	Syntheses and characterizations of oligo(azomethine ether)s derived from 2,2â€²-[1,4-enylenebis (methyleneoxy)]dibenzaldehyde and 2,2â€²-[1,2-phenylenebis (methyleneoxy)]dibenzaldehyde. Chinese Journal of Polymer Science (English Edition), 2012, 30, 682-693.	2.0	11
123	Chemical Oxidative Synthesis and Characterization of Poly(8-hydroxyquinoline) Particles. Journal of Macromolecular Science - Pure and Applied Chemistry, 2014, 51, 948-961.	1.2	11
124	Synthesis and characterization of imine polymers of aromatic aldehydes with 4-amino-2-methylquinoline via oxidative polycondensation. Designed Monomers and Polymers, 2015, 18, 89-104.	0.7	11
125	Synthesis and a new mercury (II) ion sensor application of conductive polymer containing rhodamine B. Reactive and Functional Polymers, 2019, 141, 50-57.	2.0	11
126	Polymeric fluorescent film sensor based on poly(azomethine-urethane): Ion sensing and surface properties. Reactive and Functional Polymers, 2019, 136, 1-8.	2.0	11

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127	Thermodynamic Interactions and Characterization of Poly(Ethyl Methacrylate) by Inverse Gas Chromatography. Journal of Macromolecular Science - Pure and Applied Chemistry, 1995, 32, 377-383.	1.2	10
128	Determination of Thermodynamic Interactions of the Pvc-Pmma Blend System by Inverse gas Chromatography. Polymer-Plastics Technology and Engineering, 1999, 38, 385-396.	1.9	10
129	Synthesis, Characterization, and Optimum Reaction Conditions of Oligo-Benzylidene-3â€²-Hydroxyaniline. International Journal of Polymer Analysis and Characterization, 2004, 9, 137-151.	0.9	10
130	Synthesis, characterization, and optimum reaction conditions of oligo-2-[(pyridine-2-yl-methylene) amino] phenol. Journal of Polymer Science Part A, 2004, 42, 2717-2724.	2.5	10
131	SYNTHESIS, CHARACTERIZATION AND ANTIMICROBIAL PROPERTIES OF 4-[(4-HYDROXYBENZYLIDENE) AMINO] PHENOL AND ITS POLYMER. Chinese Journal of Polymer Science (English Edition), 2007, 25, 461.	2.0	10
132	Synthesis, Characterization and Thermal Degradation Oligomer and Monomer/Oligomer Metal Complex Compounds of 2â€Methylquinolinâ€8â€ol. Journal of Macromolecular Science - Pure and Applied Chemistry, 2007, 44, 463-468.	1.2	10
133	Synthesis and Changes of Conductivities and Thermal Stabilities of 4,4â€²-Oxybis [N-(3,4-Dihydroxybenzilidene) Aniline] Chelate Polymers. Journal of Inorganic and Organometallic Polymers and Materials, 2008, 18, 325-333.	1.9	10
134	Synthesis, characterization, and thermal degradation kinetics of poly(decamethylene 2â€oxoglutarate). Journal of Applied Polymer Science, 2008, 108, 2328-2336.	1.3	10
135	Synthesis and characterization of imine polymers containing aliphatic and aromatic groups and some of Schiff baseâ€metal complexes. Journal of Applied Polymer Science, 2011, 120, 3325-3336.	1.3	10
136	Syntheses and characterization of poly(iminophenol)s derived from 4-bromobenzaldehyde: Thermal, optical, electrochemical and fluorescent properties. Chinese Journal of Polymer Science (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	2.0	10
137	Synthesis, characterization, and thermal degradation of new aromatic poly(azomethine-urethane)s and their polyphenol derivatives. Journal of Polymer Research, 2012, 19, 1.	1.2	10
138	Synthesis and characterization of Schiff base derivative with pyrrole ring and electrochromic applications of its oligomer. Progress in Organic Coatings, 2014, 77, 463-472.	1.9	10
139	Synthesis and characterization of aromatic compounds containing imine and amine groups via oxidative polycondensation. Designed Monomers and Polymers, 2014, 17, 557-575.	0.7	10
140	Regioselective synthesis of polygamma (Î³) acid. RSC Advances, 2015, 5, 53369-53380.	1.7	10
141	Regioselectively functionalized synthesis of poly(amino naphthalene disulfonic acid). Synthetic Metals, 2016, 215, 77-85.	2.1	10
142	Biocatalytic Synthesis of a Novel Polyaniline Derivative and Its Usage for Polypropylene Stabilization. Industrial & Engineering Chemistry Research, 2017, 56, 9266-9274.	1.8	10
143	Synthesis, characterization and fluorescence properties of azomethine polymer containing quinoline unit. Polymer Bulletin, 2018, 75, 1809-1822.	1.7	10
144	A cross-linker containing aldehyde functionalized ionic liquid for chitosan. Journal of Macromolecular Science - Pure and Applied Chemistry, 2019, 56, 860-870.	1.2	10

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145	Fluorescence quantum yields and chromatic properties of poly(azomethine)s containing pyridine ring. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2020, 252, 114483.	1.7	10
146	A study of the chemical and the enzyme-catalyzed oxidative polymerization of aromatic diamine bearing chlor substituents, pursuant to structural, thermal and photophysical properties. European Polymer Journal, 2020, 133, 109767.	2.6	10
147	Thermodynamic Parameters and Characterization of Poly(Methyl Methacrylate) with some Probes using Inverse Gas Chromatography. Journal of Macromolecular Science - Pure and Applied Chemistry, 1996, 33, 37-47.	1.2	10
148	Synthesis, characterization and thermodynamic properties of poly(3-mesityl-2-hydroxypropyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	1.8	9
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