

Ismet Kaya

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279
papers

3,546
citations

27
h-index

41
g-index

290
ext. papers

3,854
ext. citations

3.1
avg, IF

6.13
L-index

#	Paper	IF	Citations
279	The synthesis and properties of oligosalicylaldehyde and its Schiff base oligomers. <i>Polymer</i> , 2001 , 42, 4859-4865	3.9	96
278	Synthesis, characterization of magnetic chitosan/active charcoal composite and using at the adsorption of methylene blue and reactive blue4. <i>Microporous and Mesoporous Materials</i> , 2016 , 232, 26-38	5.3	89
277	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. <i>Synthetic Metals</i> , 2010 , 160, 911-920	3.6	78
276	The synthesis and characterisation of planar oligophenol with Schiff base substitute. <i>Synthetic Metals</i> , 2002 , 126, 183-191	3.6	73
275	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. <i>European Polymer Journal</i> , 2009 , 45, 1586-1598	5.2	70
274	Electrochemical and optical properties of biphenyl bridged-dicarbazole oligomer films: Electropolymerization and electrochromism. <i>Electrochimica Acta</i> , 2009 , 54, 5694-5702	6.7	69
273	Preparation and characterization of sepiolite-poly(ethyl methacrylate) and poly(2-hydroxyethyl methacrylate) nanocomposites. <i>Polymer Composites</i> , 2009 , 30, 1585-1594	3	54
272	Synthesis and characterization of fluorescent graft fluorene-co-polyphenol derivatives: The effect of substituent on solubility, thermal stability, conductivity, optical and electrochemical properties. <i>Reactive and Functional Polymers</i> , 2010 , 70, 815-826	4.6	50
271	A comparative study of aminothiazole-based polymers synthesized by chemical oxidative polymerization. <i>Synthetic Metals</i> , 2012 , 162, 436-443	3.6	45
270	A new conducting polymer of 2,5-bis(2-thienyl)-1H-(pyrrole) (SNS) containing carbazole subunit: Electrochemical, optical and electrochromic properties. <i>Synthetic Metals</i> , 2009 , 159, 2013-2021	3.6	45
269	Thermodynamic interactions and characterisation of poly[(glycidyl methacrylate-co-methyl, ethyl, butyl) methacrylate] by inverse gas chromatography. <i>Polymer</i> , 2002 , 43, 6455-6463	3.9	44
268	Synthesis of oligo-ortho-azomethinephenol and its oligomer/metal complexes: Characterization and application as anti-microbial agents. <i>Journal of Applied Polymer Science</i> , 2002 , 85, 2004-2013	2.9	42
267	Electrochemical, optical and electrochromic properties of imine polymers containing thiophene and carbazole units. <i>Synthetic Metals</i> , 2009 , 159, 1034-1042	3.6	38
266	Thermodynamic interactions and characterisation of poly(isobornyl methacrylate) by inverse gas chromatography at various temperatures. <i>Polymer</i> , 1999 , 40, 2405-2410	3.9	38
265	Synthesis, characterization, thermal stability, conductivity and band gap of oligo-4-[(2-hydroxybenzylidene)amino]benzoic acid. <i>Synthetic Metals</i> , 2006 , 156, 736-744	3.6	37
264	Synthesis, characterization and using at the copper adsorption of chitosan/polyvinyl alcohol magnetic composite. <i>Journal of Molecular Liquids</i> , 2017 , 230, 152-162	6	36
263	Enzymatic polymerization of hydroxy-functionalized carbazole monomer. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010 , 64, 89-95		35

262	Synthesis, characterization, thermal analysis, and band gap of oligo-2-methoxy-6-[(4-methylphenyl)imino]methylphenol. <i>Journal of Applied Polymer Science</i> , 2007 , 104, 3417-3426	2.9	33
261	Synthesis, characterization, thermal stability and electrochemical properties of poly-4-[(2-methylphenyl)iminomethyl]phenol. <i>European Polymer Journal</i> , 2007 , 43, 127-138	5.2	33
260	Synthesis, Characterization and Thermal Degradation of Oligo-2-[(4-hydroxyphenyl) Imino Methyl]-1-naphtol and Oligomer-Metal Complexes. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2006 , 43, 719-733	2.2	33
259	Synthesis and characterization of yellow and green light emitting novel polymers containing carbazole and electroactive moieties. <i>Electrochimica Acta</i> , 2012 , 65, 104-114	6.7	31
258	A new approach to the Schiff base-substituted oligophenols: The electrochromic application of 2-[3-thienylmethylene]aminophenol based co-polythiophenes. <i>Organic Electronics</i> , 2011 , 12, 210-218	3.5	31
257	Synthesis and characterization of oligo-2-hydroxy-1-naphthaldehyde and its Schiff base oligomers. <i>Journal of Applied Polymer Science</i> , 2003 , 90, 442-450	2.9	31
256	Synthesis, characterization, conductivity and thermal degradation of oligo-2-[(4-morpholin-4-yl-phenyl)imino]methylphenol and its oligomer-metal complex compounds. <i>Synthetic Metals</i> , 2006 , 156, 1123-1132	3.6	30
255	Synthesis and characterization of graft copolymers of melamine: Thermal stability, electrical conductivity, and optical properties. <i>Synthetic Metals</i> , 2009 , 159, 1572-1582	3.6	29
254	Soluble semi-conductive chelate polymers containing Cr(III) in the backbone: Synthesis, characterization, optical, electrochemical, and electrical properties. <i>Polymer</i> , 2009 , 50, 5653-5660	3.9	28
253	Synthesis, characterization and thermal degradation of oligo-2-[(4-fluorophenyl) imino methylene] phenol and some of its oligomer-metal complexes. <i>European Polymer Journal</i> , 2004 , 40, 2025-2032	5.2	28
252	Syntheses of novel copolymers containing carbazole and their electrochromic properties. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 691, 1-12	4.1	27
251	Facile and regioselective synthesis of poly(5-hydroxyquinoline). <i>Reactive and Functional Polymers</i> , 2011 , 71, 675-683	4.6	27
250	Synthesis and characterization of novel polyphenol species derived from bis(4-aminophenyl)ether: Substituent effects on thermal behavior, electrical conductivity, solubility, and optical band gap. <i>Journal of Applied Polymer Science</i> , 2008 , 110, 539-549	2.9	26
249	Synthesis and characterization of azomethine polymers containing ether and ester groups. <i>Journal of Saudi Chemical Society</i> , 2017 , 21, 505-516	4.3	25
248	New conjugated azomethine oligomers obtained from bis-(hydroxyphenyl)methylenediamine via oxidative polycondensation and their complexes with metals. <i>Synthetic Metals</i> , 2009 , 159, 1414-1421	3.6	25
247	The molecular structure of plasma polymerized thiophene and pyrrole thin films produced by double discharge technique. <i>Synthetic Metals</i> , 2009 , 159, 2001-2008	3.6	25
246	Electrochemical and optical properties of novel donor-acceptor thiophene-perylene-thiophene polymers. <i>Journal of Polymer Science Part A</i> , 2008 , 46, 1974-1989	2.5	25
245	Synthesis, characterization and optimum reaction conditions of oligo-2-amino-3-hydroxypyridine and its Schiff base oligomer. <i>Polymer</i> , 2004 , 45, 1743-1753	3.9	25

244	Effect of deposition charges on the wettability performance of electrochromic polymers. <i>Applied Surface Science</i> , 2015 , 331, 262-270	6.7	24
243	Schiff base-substituted polyphenol: synthesis, characterisation and non-isothermal degradation kinetics. <i>Polymer International</i> , 2009 , 58, 570-578	3.3	24
242	Synthesis and characterization of novel polyazomethines containing perylene units. <i>Polymer</i> , 2008 , 49, 703-714	3.9	24
241	The synthesis and characterization of oligo-N-4-aminopyridine, oligo-2-[(pyridine-4-yl-imino) methyl] phenol and its some oligomer/metal complexes. <i>Polymer</i> , 2003 , 44, 7299-7309	3.9	24
240	Synthesis and characterization of magnetic ZnCl ₂ -activated carbon produced from coconut shell for the adsorption of methylene blue. <i>Journal of Molecular Structure</i> , 2021 , 1232, 130071	3.4	24
239	A highly selective, sensitive and stable fluorescent chemosensor based on Schiff base and poly(azomethine-urethane) for Fe ³⁺ ions. <i>Journal of Industrial and Engineering Chemistry</i> , 2017 , 46, 234-243	6.3	23
238	Azomethine-based phenol polymer: Synthesis, characterization and thermal study. <i>Synthetic Metals</i> , 2011 , 161, 79-86	3.6	23
237	Oxidative synthesis of a novel polyphenol having pendant Schiff base group: Synthesis, characterization, non-isothermal decomposition kinetics. <i>Thermochimica Acta</i> , 2011 , 518, 72-81	2.9	23
236	Synthesis of a novel fluorescent Schiff base as a possible Cu(II) ion selective sensor. <i>Journal of Fluorescence</i> , 2010 , 20, 771-7	2.4	23
235	Schiff base substitute polyphenol and its metal complexes derived from o-vanillin with 2,3-diaminopyridine: synthesis, characterization, thermal, and conductivity properties. <i>Polymers for Advanced Technologies</i> , 2008 , 19, 1154-1163	3.2	23
234	Synthesis, characterization, and antimicrobial properties of oligo-4-[(pyridine-3-yl-methylene) amino] phenol. <i>Journal of Applied Polymer Science</i> , 2006 , 102, 3327-3333	2.9	23
233	Highly selective and stable florescent sensor for Cd(II) based on poly (azomethine-urethane). <i>Journal of Fluorescence</i> , 2013 , 23, 115-21	2.4	22
232	A new kind of optical Mn(II) sensor with high selectivity: Melamine based poly(azomethine-urethane). <i>Synthetic Metals</i> , 2011 , 161, 2036-2040	3.6	22
231	Synthesis, Characterization and Antimicrobial Properties of Oligomer and Monomer/Oligomer/Metal Complexes of 2-[(Pyridine-3-yl-methylene)amino]phenol. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2009 , 19, 286-297	3.2	22
230	Synthesis, characterization, thermal stability, conductivity, and band gap of a new aromatic polyether containing an azomethine as a side. <i>Journal of Applied Polymer Science</i> , 2007 , 106, 2282-2289	2.9	22
229	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. <i>Materials Chemistry and Physics</i> , 2012 , 133, 269-277	4.4	21
228	Synthesis and thermal characterization of novel poly(azomethine-urethane)s derived from azomethine containing phenol and polyphenol species. <i>Macromolecular Research</i> , 2011 , 19, 286-293	1.9	21
227	Monomer/polymer Schiff base copper(II) complexes for catalytic oxidative polymerization of 2,2'-dihydroxybiphenyl. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 2977-2984	2.5	21

226	A comparative study of 9,9-bis(4-aminophenyl)fluorene polymers prepared by catalytic and non-catalytic oxidative polymerisation methods. <i>European Polymer Journal</i> , 2011 , 47, 1005-1017	5.2	21
225	Determination of thermodynamic properties of poly[2-(3-methyl-3-phenylcyclobutyl)-2-hydroxyethylmethacrylate] and its copolymers at infinite dilution using inverse gas chromatography. <i>Polymer</i> , 2000 , 41, 2855-2863	3.9	21
224	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. <i>Progress in Organic Coatings</i> , 2012 , 73, 239-249	4.8	20
223	A Schiff base based on triphenylamine and thiophene moieties as a fluorescent sensor for Cr (III) ions: Synthesis, characterization and fluorescent applications. <i>Inorganica Chimica Acta</i> , 2020 , 509, 119676	2.7	20
222	Synthesis, optical, electrochemical, and thermal stability properties of poly(azomethine-urethane)s. <i>Progress in Organic Coatings</i> , 2012 , 74, 204-214	4.8	19
221	New Poly(azomethine-urethane)s including melamine derivatives in the main chain: Synthesis and thermal characterization. <i>Journal of Applied Polymer Science</i> , 2011 , 120, 3027-3035	2.9	19
220	Synthesis and characterization of the polyaminophenol derivatives containing thiophene in side chain: Thermal degradation, electrical conductivity, optical-electrochemical, and fluorescent properties. <i>Journal of Applied Polymer Science</i> , 2011 , 121, 3028-3040	2.9	19
219	Synthesis, Characterization and Anti-microbial Activity of Oligo-N-2-aminopyridinylsalicylaldehyde and Some Oligomer-metal Complexes. <i>Journal of Polymer Research</i> , 2004 , 11, 37-42	2.7	19
218	New low-band gap polyurethanes containing azomethine bonding: Photophysical, electrochemical, thermal and morphological properties. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016 , 59, 536-546	5.3	19
217	Synthesis of Novel crosslinked Poly(azomethine-urethane)s: Photophysical and thermal properties. <i>Materials Chemistry and Physics</i> , 2015 , 163, 301-310	4.4	18
216	Synthesis, Thermal and Morphological Properties of Polyurethanes Containing Azomethine Linkage. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2014 , 24, 803-818	3.2	18
215	Tunable Multicolor Emission in Oligo(4-hydroxyquinoline). <i>Journal of Physical Chemistry C</i> , 2012 , 116, 19934-19940	3.8	18
214	3, 4-Dichlorobenzyl methacrylate and ethyl methacrylate system: monomer reactivity ratios and determination of thermodynamic properties at infinite dilution by using inverse gas chromatography. <i>Polymer</i> , 2001 , 42, 5181-5188	3.9	18
213	Template-free oxidative synthesis of polyaminonaphthol nanowires. <i>European Polymer Journal</i> , 2015 , 66, 397-406	5.2	17
212	Synthesis of Metal-Coordinated Poly(azomethine-urethane)s: Thermal Stability, Optical and Electrochemical Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2013 , 23, 1159-1171	3.2	16
211	Facile synthesis of self-stabilized polyphenol nanoparticles. <i>Materials Chemistry and Physics</i> , 2013 , 140, 66-74	4.4	16
210	Reaction conditions, photophysical, electrochemical, conductivity, and thermal properties of polyazomethines. <i>Macromolecular Research</i> , 2017 , 25, 739-748	1.9	16
209	Syntheses, characterizations and electrochromic applications of polymers derived from carbazole containing thiophene rings in side chain with electrochemical and FeCl ₃ methods. <i>Organic Electronics</i> , 2013 , 14, 730-743	3.5	16

208	Oxidative Polymerization of N2O2 Type Schiff Base Monomer and Its Metal Complexes: Synthesis and Thermal, Optical and Electrochemical Properties. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2010 , 20, 124-133	3.2	16
207	SYNTHESIS, CHARACTERIZATION, THERMAL DEGRADATION AND ELECTRICAL CONDUCTIVITY OF OLIGO[2-(THIEN-2-YL-METHYLENE)AMINOPHENOL] AND OLIGOMER-METAL COMPLEXES. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2009 , 27, 465	3.5	16
206	Synthesis and characterization of conjugated polyphenols derived from azomethine formation containing terephthaldehyde via oxidative polycondensation. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2016 , 53, 438-451	2.2	16
205	Synthesis and characterization of polyphenol derived from Schiff bases containing methyl and carboxyl groups in the structure. <i>Designed Monomers and Polymers</i> , 2015 , 18, 524-535	3.1	15
204	The optical properties of plasma polymerized polyaniline thin films. <i>Thin Solid Films</i> , 2013 , 548, 81-85	2.2	15
203	Synthesis and characterization of polyphenols derived from 4-fluorobenzaldehyde: The effect of electron-donating group on some physical properties. <i>Journal of Applied Polymer Science</i> , 2012 , 125, 608-619	2.9	15
202	Conductivity and band gap of oligo-2-[(4-chlorophenyl) imino methylene] phenol and its oligomer-metal complexes. <i>Materials Letters</i> , 2006 , 60, 1922-1926	3.3	15
201	Synthesis and characterization of a highly selective turn-on fluorescent chemosensor for Sn ²⁺ derived from diimine Schiff base. <i>Synthetic Metals</i> , 2021 , 272, 116668	3.6	15
200	Facile preparation of gold nanoparticles on the polyquinoline matrix: Catalytic performance toward 4-nitrophenol reduction. <i>Synthetic Metals</i> , 2015 , 201, 11-17	3.6	14
199	A new selective fluorescent sensor for Zn(II) ions based on poly(azomethine-urethane). <i>Tetrahedron Letters</i> , 2015 , 56, 1820-1824	2	14
198	Synthesis, Characterization, Electrical Conductivity and Fluorescence Properties of Polyimine Bearing Phenylacetylene Units. <i>Journal of Fluorescence</i> , 2016 , 26, 1579-90	2.4	14
197	Synthesis, characterization, optical, and electrochemical properties of thermal stable novel poly(azomethine-ether)s. <i>Designed Monomers and Polymers</i> , 2014 , 17, 481-490	3.1	14
196	Photophysical, Electrochemical, Thermal and Morphological Properties of Polyurethanes Containing Azomethine Bonding. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2014 , 51, 805-819	2.2	14
195	The Novel Poly(azomethine-urethane): Synthesis, Morphological Properties and Application as a Fluorescent Probe for Detection of Zn ²⁺ Ions. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015 , 25, 1250-1259	3.2	14
194	Electrochemical syntheses and characterizations of poly(2-aminobenzothiazole)s. <i>Synthetic Metals</i> , 2012 , 162, 834-842	3.6	14
193	Novel poly(azomethine-urethane)s and their polyphenol derivatives derived from aliphatic diisocyanate compound: Synthesis and thermal characterization. <i>Journal of Applied Polymer Science</i> , 2012 , 125, 876-887	2.9	14
192	Synthesis and characterization of a novel kind soluble, conjugated, and fluorescent chelate polymer containing fluorene ring in the backbone: Optical, electrical, and electrochemical properties. <i>Synthetic Metals</i> , 2011 , 161, 13-22	3.6	14
191	Synthesis, characterization and thermal study of some tetradentate Schiff base transition metal complexes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009 , 98, 785-792	4.1	14

190	Polystyrene functionalized carbazole and electrochromic device application. <i>Synthetic Metals</i> , 2009 , 159, 1620-1627	3.6	14
189	Synthesis, characterization, and thermal degradation of oligo-2-(morpholinoiminomethyl)phenol and its Pb(II) complex compound. <i>Journal of Applied Polymer Science</i> , 2006 , 102, 3795-3804	2.9	14
188	2,4-Diamino-6-Hydroxypyrimidine Based Poly(azomethine-Urethane): Synthesis and Application as a Fluorescent Probe for Detection of Cu(2+) in Aqueous Solution. <i>Journal of Fluorescence</i> , 2015 , 25, 1339-494	2.4	13
187	Melamine-based poly(azomethine) hydrogels: Mechanical, biodegradability, drug loading and antibacterial properties. <i>European Polymer Journal</i> , 2018 , 108, 107-115	5.2	13
186	Synthesis and characterizations of poly(ether)/poly(phenols) including azomethine coupled benzothiazole side chains: the effect of reaction conditions on the structure, optical, electrochemical, electrical and thermal properties. <i>Polymer Bulletin</i> , 2014 , 71, 3067-3084	2.4	13
185	Synthesis and characterization of ether bridged polymers and their fluorescent, thermal, conductivity, optical and electrochemical properties. <i>Journal of Electroanalytical Chemistry</i> , 2013 , 708, 54-61	4.1	13
184	Thermal studies of Co(II), Ni(II) and Cu(II) complexes of N,N'-bis(3,5-Di-t-butylsalicylidene)ethylenediamine. <i>Journal of Thermal Analysis and Calorimetry</i> , 2009 , 96, 267-276	4.1	13
183	The influence of CaCO ₃ filler component on thermal decomposition process of PP/LDPE/DAP ternary blend. <i>Polymers for Advanced Technologies</i> , 2010 , 21, 512-519	3.2	13
182	Synthesis and characterization of oligosalicylaldehyde-graft-oligoaniline and its beginning oligomers. <i>Journal of Applied Polymer Science</i> , 2002 , 85, 218-226	2.9	13
181	Syntheses, structures, electric conduction, electrochemical properties and antimicrobial activity of azomethine monomer and oligomer based on 4-hydroxybenzaldehyde and 2-aminopyridine. <i>Polimery</i> , 2007 , 52, 827-835	3.4	13
180	Superhydrophobic-electrochromic PEDOT/PFHP bilayer surfaces. <i>Thin Solid Films</i> , 2016 , 619, 187-194	2.2	12
179	A new Schiff base epoxy oligomer resin: Synthesis, characterization, and thermal decomposition kinetics. <i>Journal of Applied Polymer Science</i> , 2011 , 121, 3211-3222	2.9	12
178	Non-isothermal degradation kinetics of poly (2,2'-dihydroxybiphenyl). <i>Polymer Bulletin</i> , 2009 , 63, 267-282	2.4	12
177	Synthesis, characterization and photovoltaic studies of oligo(acriflavine) via chemical oxidative polymerization. <i>RSC Advances</i> , 2017 , 7, 8973-8984	3.7	11
176	Multilayer electrochromic surfaces derived from conventional conducting polymers: Optical and surface properties. <i>Reactive and Functional Polymers</i> , 2015 , 97, 63-68	4.6	11
175	Synthesis, optical, and thermal properties of polyimides containing flexible ether linkage. <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46573	2.9	11
174	Syntheses of poly(phenoxy-imine)s anchored with carboxyl group: Characterization and photovoltaic studies. <i>Optical Materials</i> , 2018 , 78, 421-431	3.3	11
173	Azomethine coupled fluorene- π -hiophene- β yrrole based copolymers: Electrochromic applications. <i>Reactive and Functional Polymers</i> , 2013 , 73, 1167-1174	4.6	11

172	Synthesis, characterization, conductivity, band gap, and kinetic of thermal degradation of poly-4-[(2-mercaptophenyl) imino methyl] phenol. <i>Journal of Applied Polymer Science</i> , 2009 , 112, 1234-1243	2.9	11
171	Synthesis, Characterization, Conductivity, Band Gap, and Thermal Analysis of Poly-[(2-mercaptophenyl)iminomethyl]-2-naphthol and Its Polymer/Metal Complexes. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2010 , 20, 369-379	3.2	11
170	The oxidative polycondensation of 2-[(4-pyridilmethylene)-imino]phenol by molecular O ₂ in alkaline medium: Synthesis and characterization. <i>Polymer Bulletin</i> , 2008 , 60, 37-48	2.4	11
169	A novel shape-controlled synthesis of bifunctional organic polymeric nanoparticles. <i>Polymer</i> , 2015 , 70, 59-67	3.9	10
168	Biodegradable and antibacterial poly(azomethine-urethane)-chitosan hydrogels for potential drug delivery application. <i>Polymers for Advanced Technologies</i> , 2020 , 31, 898-908	3.2	10
167	Synthesis and characterization of Schiff base derivative with pyrrole ring and electrochromic applications of its oligomer. <i>Progress in Organic Coatings</i> , 2014 , 77, 463-472	4.8	10
166	Synthesis and characterization of aromatic compounds containing imine and amine groups via oxidative polycondensation. <i>Designed Monomers and Polymers</i> , 2014 , 17, 557-575	3.1	10
165	Synthesis and characterization of aromatic and aliphatic ether bridged polymers containing carbazole moieties. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2013 , 178, 863-874	3.1	10
164	Syntheses and characterizations of oligo(azomethine ether)s derived from 2,2'-[1,4-enylenebis (methyleneoxy)]dibenzaldehyde and 2,2'-[1,2-phenylenebis (methyleneoxy)]dibenzaldehyde. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2012 , 30, 682-693	3.5	10
163	Synthesis, characterization, and thermal degradation of new aromatic poly(azomethine-urethane)s and their polyphenol derivatives. <i>Journal of Polymer Research</i> , 2012 , 19, 1	2.7	10
162	Synthesis and characterization of imine polymers containing aliphatic and aromatic groups and some of Schiff base-metal complexes. <i>Journal of Applied Polymer Science</i> , 2011 , 120, 3325-3336	2.9	10
161	Synthesis and Changes of Conductivities and Thermal Stabilities of 4,4'-Oxybis [N-(3,4-Dihydroxybenzilidene) Aniline] Chelate Polymers. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2008 , 18, 325-333	3.2	10
160	Synthesis, Characterization and Thermal Degradation Oligomer and Monomer/Oligomer Metal Complex Compounds of 2-Methylquinolin-8-ol. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 2007 , 44, 463-468	2.2	10
159	Synthesis, characterization, and optimum reaction conditions of oligo-2-[(pyridine-2-yl-methylene) amino] phenol. <i>Journal of Polymer Science Part A</i> , 2004 , 42, 2717-2724	2.5	10
158	The synthesis and characterization of new oligo(polyether)s with Schiff base type. <i>Synthetic Metals</i> , 2002 , 128, 267-272	3.6	10
157	Determination of Thermodynamic Interactions of the Pvc-Pmma Blend System by Inverse gas Chromatography. <i>Polymer-Plastics Technology and Engineering</i> , 1999 , 38, 385-396		10
156	Thermodynamic Interactions and Characterization of Poly(Ethyl Methacrylate) by Inverse Gas Chromatography. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1995 , 32, 377-383	2.2	10
155	Thermodynamic Parameters and Characterization of Poly(Methyl Methacrylate) with some Probes using Inverse Gas Chromatography. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1996 , 33, 37-47	2.2	10

154	Regioselective synthesis of polygamma (II)acid. <i>RSC Advances</i> , 2015 , 5, 53369-53380	3.7	9
153	Novel Multicolor Schiff Base Polymers Prepared via Oxidative Polycondensation. <i>Journal of Fluorescence</i> , 2015 , 25, 663-73	2.4	9
152	Synthesis, characterization and fluorescence properties of azomethine polymer containing quinoline unit. <i>Polymer Bulletin</i> , 2018 , 75, 1809-1822	2.4	9
151	Catalytic Oxidation of 2,7-Dihydroxynaphthalene. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 104-109	3.9	9
150	Syntheses and characterization of poly(iminophenol)s derived from 4-bromobenzaldehyde: Thermal, optical, electrochemical and fluorescent properties. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2012 , 30, 796-807	3.5	9
149	Biosynthesis and characterization of organosoluble conjugated poly(2-aminofluorene) with the pyrazine bridged. <i>Biomacromolecules</i> , 2010 , 11, 2593-601	6.9	9
148	Palladium(II) Complexes Containing 2,6-Bis(Imino)Pyridines: Synthesis, Characterization, Thermal Study, and Catalytic Activity in Suzuki Reactions. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2010 , 40, 337-344		9
147	Synthesis, characterization, and thermal stability of azomethine oligomer and its metal complexes. <i>Journal of Applied Polymer Science</i> , 2007 , 105, 1356-1365	2.9	9
146	Synthesis, characterization, and thermal degradation kinetics of poly(decamethylene 2-oxoglutarate). <i>Journal of Applied Polymer Science</i> , 2008 , 108, 2328-2336	2.9	9
145	Synthesis, Characterization, and Optimum Reaction Conditions of Oligo-Benzylidene-3'-Hydroxyaniline. <i>International Journal of Polymer Analysis and Characterization</i> , 2004 , 9, 137-151	1.7	9
144	Fluorescence quantum yields and chromatic properties of poly(azomethine)s containing pyridine ring. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2020 , 252, 114483 ¹		9
143	Multi-response behavior of aminosulfonaphthole system. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016 , 133, 234-245		9
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9	Investigation of horseradish peroxidase and hydrogen peroxide mediated synthesis of amino-functional oligomers: Characterization and fluorescence study. <i>Synthetic Metals</i> , 2021 , 280, 116879	3.6	○
8	Ni(II), Zn(II), and Fe(III) complexes derived from novel unsymmetrical salen-type ligands: preparation, characterization and some properties. <i>Journal of Coordination Chemistry</i> , 1-18	1.6	○
7	Facile one-pot synthesis of water-soluble conjugated polymers derived from 7-amino-4-hydroxy-2-naphthalenesulfonic acid: Synthesis and photoluminescence properties. <i>Reactive and Functional Polymers</i> , 2022 , 175, 105281	4.6	○
6	Synthesis, characterization and investigation of fluorescent Sn ²⁺ probe potential of pyrene-derived monomer and its oligo(azomethine) compound. <i>European Polymer Journal</i> , 2022 , 172, 111229	5.2	○
5	Synthesis, characterization, optical and electrochemical band gaps of green poly(azomethine-ester)s containing oxalyl and succinyl units. <i>Bulletin of Materials Science</i> , 2019 , 42, 1	1.7	
4	Synthesis and characterization of fluorescent polyphenols anchored Schiff bases via oxidative polycondensation. <i>Materials Science-Poland</i> , 2018 , 36, 584-596	0.6	
3	Humidity properties of Schiff base polymers. <i>Open Chemistry</i> , 2018 , 16, 937-943	1.6	
2	Synthesis and characterization and some properties of conjugated imine bonding polymers containing pyridine and vinyl units. <i>Journal of Polymer Research</i> , 2022 , 29, 1	2.7	
1	Enzyme Catalyzed Synthesis of Water Soluble Mesalazine Oligomers and Evaluation of their Efficiency in Polypropylene Stabilization. <i>Polymer Science - Series B</i> , 2021 , 63, 710-721	0.8	