Agnieszka Iwan

List of Publications by Year
in descending order

132	2,511	218381	253896
papers	citations	26 h-index	43 g-index

132	132	132	2125
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanical strain, thermal and pressure effects on the absorption edge of an organic charge-transfer polymer for flexible photovoltaics and sensors. Materials Advances, 2022, 3, 2697-2705.	2.6	5
2	Self-assembling discotic materials with low symmetry for organic photovoltaics. Journal of Molecular Liquids, 2022, 354, 118868.	2.3	6
3	Thermal imaging and deep optical and electrochemical study of C70 fullerene derivatives with thiophene, pyrrolidine or indene moieties along with electropolymerization with thiophene substituted imine: Blends with P3HT and PTB7. Electrochimica Acta, 2022, 426, 140741.	2.6	7
4	Siloxane resins as hydrophobic self-cleaning layers for silicon and dye-sensitized solar cells: material and application aspects. RSC Advances, 2022, 12, 19154-19170.	1.7	3
5	Comparison of the Dielectric Properties of EcoflexÂ® with L,D-Poly(Lactic Acid) or Polycaprolactone in the Presence of SWCN or 5CB. Materials, 2021, 14, 1719.	1.3	9
6	Crystal Structure Determination of 4-[(Di-p-tolyl-amino)-benzylidene]-(5-pyridin-4-yl-[1,3,4]thiadiazol-2-yl)-imine along with Selected Properties of Imine in Neutral and Protonated Form with Camforosulphonic Acid: Theoretical and Experimental Studies. Materials, 2021, 14, 1952.	1.3	2
7	TiO2 and TiO2â€“Ag powders and thin layer toward self-cleaning coatings for PV panel integrated with sound-absorbing screens: Technical approaches. Journal of Power Sources Advances, 2021, 8, 100053.	2.6	5
8	Dielectric studies in the isotropic phase of six symmetrical azomethines with various number of benzene rings. Influence of the ionic conductivity. Journal of Molecular Liquids, 2021, 328, 115477.	2.3	3
9	Iodide Electrolyte-Based Hybrid Supercapacitor for Compact Photo-Rechargeable Energy Storage System Utilising Silicon Solar Cells. Energies, 2021, 14, 2708.	1.6	5
10	Conversion of Radiophotoluminescence Irradiation into Electricity in Photovoltaic Cells. A Review of Theoretical Considerations and Practical Solutions. Energies, 2021, 14, 6186.	1.6	3
11	Electrochemical and optical studies of new symmetrical and unsymmetrical imines with thiazole and thiophene moieties. Electrochimica Acta, 2020, 332, 135476.	2.6	15
12	Engineering Concept of Energy Storage Systems Based on New Type of Silicon Photovoltaic Module and Lithium Ion Batteries. Energies, 2020, 13, 3701.	1.6	3
13	Photo-Rechargeable Electric Energy Storage Systems Based on Silicon Solar Cells and Supercapacitor-Engineering Concept. Energies, 2020, 13, 3867.	1.6	8
14	Selected Electrochemical Properties of 4,4â€™-((1E,1â€™E)-((1,2,4-Thiadiazole-3,5-diyl)bis(azaneylylidene))bis(methaneylylidene))bis(N,N-di-p-tolylaniline) towards Perovskite Solar Cells with 14.4% Efficiency. Materials, 2020, 13, 2440.	1.3	15
15	PEDOT:PSS in Water and Toluene for Organic Devicesâ€”Technical Approach. Polymers, 2020, 12, 565.	2.0	14
16	Research of Binary and Ternary Composites Based on Selected Aliphatic or Aliphaticâ€“Aromatic Polymers, 5CB or SWCN toward Biodegradable Electrodes. Materials, 2020, 13, 2480.	1.3	7
17	Preparation and Characterization of Novel Polymer-Based Gel Electrolyte for Dye-Sensitized Solar Cells Based on poly(vinylidene fluoride-co-hexafluoropropylene) and poly(acrylonitrile-co-butadiene) or poly(dimethylsiloxane) bis(3-aminopropyl) Copolymers. Materials, 2020, 13, 2721.	1.3	7
18	Effect of lead thiocyanate ions on performance of tin-based perovskite solar cells. Journal of Power Sources, 2020, 458, 228067.	4.0	15

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19	A comprehensive optical and electrical study of unsymmetrical imine with four thiophene rings and their binary and ternary compositions with PTB7 and PC70BM towards organic photovoltaics. RSC Advances, 2020, 10, 44958-44972.	1.7	9
20	IR thermographic camera as useful and smart tool to analyse defects in organic solar cells. Photonics Letters of Poland, 2020, 12, 25.	0.2	1
21	An anode catalyst support for polymer electrolyte membrane fuel cells: application of organically modified titanium and silicon dioxide. RSC Advances, 2019, 9, 24428-24439.	1.7	10
22	Influence of TiO2 Nanoparticles on Liquid Crystalline, Structural and Electrochemical Properties of (8Z)-N-(4-((Z)-(4-pentylphenylimino)methyl)benzylidene)-4-pentylbenzenamine. Materials, 2019, 12, 1097.	1.3	22
23	Dielectric, Thermal and Mechanical Properties of l,d-Poly(Lactic Acid) Modified by 4â€²-Pentyl-4-Biphenylcarbonitrile and Single Walled Carbon Nanotube. Polymers, 2019, 11, 1867.	2.0	7
24	UVâ€“Vis Absorption Properties of New Aromatic Imines and Their Compositions with Poly({4,8-bis[(2-Ethylhexyl)oxy]Benzo[1,2-b:4,5-bâ€²]Dithiophene-2,6-diyl}{3-Fluoro-2-[(2-Ethylhexyl)Carbonyl]Thieno[3,4-b]Thiophene Materials, 2019, 12, 4191.	1.3	12
25	Analysis of the surface decoration of TiO₂ grains using silver nanoparticles obtained by ultrasonochemical synthesis towards organic photovoltaics. New Journal of Chemistry, 2018, 42, 7340-7354.	1.4	15
26	Thermal, structural and electrochemical properties of new aliphatic-aromatic imine with piperazine moieties blended with titanium dioxide. Phase Transitions, 2018, 91, 210-224.	0.6	6
27	Study of TiO₂ in anatase form on selected properties of new aliphatic-aromatic imines with bent shape towards organic electronics. Liquid Crystals, 2018, 45, 831-843.	0.9	9
28	Solvent-free thiophene-based electrolytes: synthesis of new liquid-crystalline ionic conductors for batteries: part I. Dalton Transactions, 2018, 47, 15714-15724.	1.6	3
29	Hybrid Materials Based on l,d-Poly(lactic acid) and Single-Walled Carbon Nanotubes as Flexible Substrate for Organic Devices. Polymers, 2018, 10, 1271.	2.0	11
30	Structural and electrochemical studies of TiO₂ complexes with (4,4â€²-((1E,1â€²E)-(2,5-bis(octyloxy)-1,4-phenylene)bis(ethene-2,1-diyl))bis-(E)-N-(2,5-bis(octyloxy)benzylic imine derivative bases towards organic devices. Dalton Transactions, 2018, 47, 7682-7693.	1.6	9
31	Synthesis and characterization of two new TiO₂-containing benzothiazole-based imine composites for organic device applications. Beilstein Journal of Nanotechnology, 2018, 9, 721-739.	1.5	13
32	Optical and electrical properties of graphene oxide and reduced graphene oxide films deposited onto glass and EcoflexÂ® substrates towards organic solar cells. Advanced Materials Letters, 2018, 9, 58-65.	0.3	15
33	Electrochemical and photocurrent characterization of polymer solar cells with improved performance after GO addition to the PEDOT:PSS hole transporting layer. Solar Energy, 2017, 146, 230-242.	2.9	25
34	Graphene oxide influence on selected properties of polymer fuel cells based on Nafion. International Journal of Hydrogen Energy, 2017, 42, 15359-15369.	3.8	14
35	Towards designing polymers for photovoltaic applications: A DFT and experimental study of polyazomethines with various chemical structures. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 181, 208-217.	2.0	12
36	Polyazomethines and their acidâ€“base interactions with Nafion and Nafionâ€“imidazole membranes for efficient fuel cells. Sustainable Energy and Fuels, 2017, 1, 1810-1819.	2.5	7

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37	CVD-Graphene-Based Flexible, Thermoelectrochromic Sensor. Journal of Nanomaterials, 2017, 2017, 1-8.	1.5	4
38	Toward Better Efficiency of Air-Stable Polyazomethine-Based Organic Solar Cells Using Time-Resolved Photoluminescence and Light-Induced Electron Spin Resonance as Verification Methods. Journal of Physical Chemistry C, 2016, 120, 11415-11425.	1.5	24
39	Photosensitive self-assembling materials as functional dopants for organic photovoltaic cells. RSC Advances, 2016, 6, 11577-11590.	1.7	57
40	Influence of ZnO:Al, MoO3 and PEDOT:PSS on efficiency in standard and inverted polymer solar cells based on polyazomethine and poly(3-hexylthiophene). Electrochimica Acta, 2016, 191, 784-794.	2.6	32
41	Symmetrical N-acylsubstituted dihydrazones containing bithiophene core â€" Photophysical, electrochemical and thermal characterization. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 159, 169-176.	2.0	5
42	Electrochemical polymerization of polymers for photovoltaic cell applications. Polimery, 2016, 61, 239-247.	0.4	2
43	Study on porosity and surface area of the mixtures of graphene oxide and TiO2 modified gas diffusion electrodes for polymer fuel cells. Polimery, 2016, 61, 538-543.	0.4	0
44	Badanie wpÅ‚ywu rodzaju warstwy transportujÄ…cej dziury na parametry elektryczne polimerowych ogniw sÅ‚onecznych na bazie PTB7:PC71BM. Przeglad Elektrotechniczny, 2016, 1, 22-25.	0.1	0
45	Nafionâ€115/aromatic poly(etherimide) with isopropylidene groups/imidazole membranes for polymer fuel cells. Journal of Applied Polymer Science, 2015, 132, .	1.3	4
46	Silver Nanoparticles in PEDOT:PSS Layer for Polymer Solar Cell Application. International Journal of Photoenergy, 2015, 2015, 1-9.	1.4	21
47	Synthesis of iron doped titanium dioxide by sol-gel method for magnetic applications. Processing and Application of Ceramics, 2015, 9, 43-51.	0.4	18
48	New environmentally friendly polyazomethines with thiophene rings for polymer solar cells. Solar Energy, 2015, 117, 246-259.	2.9	51
49	Polymer fuel cell components modified by graphene: Electrodes, electrolytes and bipolar plates. Renewable and Sustainable Energy Reviews, 2015, 49, 954-967.	8.2	77
50	Preparation and optical properties of iron-modified titanium dioxide obtained by solâ€"gel method. Optical Materials, 2015, 46, 45-51.	1.7	15
51	Multifaceted Strategy for the Synthesis of Diverse 2,2'-Bithiophene Derivatives. Molecules, 2015, 20, 4565-4593.	1.7	15
52	Enhanced power conversion efficiency in bulk heterojunction solar cell based on new polyazomethine with vinylene moieties and [6,6]-phenyl C61 butyric acid methyl ester by adding 10-camphorsulfonic acid. Electrochimica Acta, 2015, 159, 81-92.	2.6	26
53	Novel iridium(III) complexes based on 2-(2,2â€™-bithien-5-yl)-quinoline. Synthesis, photophysical, photochemical and DFT studies. Materials Chemistry and Physics, 2015, 162, 498-508.	2.0	12
54	AFM study of advanced composite materials for organic photovoltaic cells with active layer based on P3HT:PCBM and chiral photosensitive liquid crystalline dopants. Liquid Crystals, 2015, 42, 964-972.	0.9	36

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55	Studies of bibenzimidazole and imidazole influence on electrochemical properties of polymer fuel cells. Electrochimica Acta, 2015, 164, 143-153.	2.6	8
56	An overview of LC polyazomethines with aliphaticâ€“aromatic moieties: Thermal, optical, electrical and photovoltaic properties. Renewable and Sustainable Energy Reviews, 2015, 52, 65-79.	8.2	42
57	How do 10-camphorsulfonic acid, silver or aluminum nanoparticles influence optical, electrochemical, electrochromic and photovoltaic properties of air and thermally stable triphenylamine-based polyazomethine with carbazole moieties?. Electrochimica Acta, 2015, 185, 198-210.	2.6	24
58	Effect of chiral photosensitive liquid crystalline dopants on the performance of organic solar cells. Solid-State Electronics, 2015, 104, 53-60.	0.8	50
59	Electrochemical properties of PEM fuel cells based on Nafionâ€“polybenzimidazoleâ€“imidazole hybrid membranes. International Journal of Hydrogen Energy, 2015, 40, 833-840.	3.8	26
60	New air-stable aromatic polyazomethines with triphenylamine or phenylenevinylene moieties towards photovoltaic application. Synthetic Metals, 2014, 195, 341-349.	2.1	52
61	Polymer solar cells with a TiO₂:Ag layer. Journal of Modern Optics, 2014, 61, 1767-1772.	0.6	18
62	Structural and electrical properties of mixture based on P3HT:PCBM and low band gap naphthalene diimide-imines. Synthetic Metals, 2014, 189, 183-192.	2.1	21
63	Optical, electrical and mechanical properties of indium tin oxide on polyethylene terephthalate substrates: Application in bulk-heterojunction polymer solar cells. Materials Science in Semiconductor Processing, 2014, 24, 110-116.	1.9	30
64	Synthesis and characterization of para- and meta-polybenzimidazoles for high-temperature proton exchange membrane fuel cells. High Performance Polymers, 2014, 26, 436-444.	0.8	8
65	Structural characterization, absorption and photoluminescence study of symmetrical azomethines with long aliphatic chains. Journal of Molecular Structure, 2014, 1058, 130-135.	1.8	26
66	Optical properties of unsymmetrical azomethines with one imine bonds. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 117, 152-157.	2.0	7
67	Polymer fuel cells. Part I. Principle of operation, types and methods of investigations. Polimery, 2014, 59, 451-458.	0.4	1
68	Impedance spectroscopy of siloxaneâ€containing polyazomethines blended with SiO₂. Journal of Applied Polymer Science, 2013, 128, 691-697.	1.3	2
69	Investigation of optical and electrical properties of new aromatic polyazomethine with thiophene and cardo moieties toward application in organic solar cells. Synthetic Metals, 2013, 185-186, 17-24.	2.1	32
70	Influence of graphene oxide interlayer on PCE value of polymer solar cells. Synthetic Metals, 2013, 169, 33-40.	2.1	25
71	Opto(electrical) properties of triphenylamine-based polyazomethine and its blend with [6,6]-phenyl C₆₁ butyric acid methyl ester. High Performance Polymers, 2013, 25, 832-842.	0.8	24
72	Study on electrical conductivity of polyazomethines with liquid crystalline properties. Polimery, 2013, 58, 45-50.	0.4	2

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73	AFM study of the mechanical wear phenomena of the polyazomethine with thiophene rings: Tapping mode, phase imaging mode and force spectroscopy. High Performance Polymers, 2012, 24, 218-228.	0.8	18
74	Perspectives of applied graphene: Polymer solar cells. Progress in Polymer Science, 2012, 37, 1805-1828.	11.8	143
75	Liquid crystalline properties of new unsymmetrical compounds with benzothiazole core detected by TG/DSC-POM-XRD. Journal of Thermal Analysis and Calorimetry, 2012, 110, 43-49.	2.0	9
76	Polyazomethine with vinylene and phenantridine moieties in the main chain: Synthesis, characterization, opto(electrical) properties and theoretical calculations. High Performance Polymers, 2012, 24, 319-330.	0.8	3
77	Synthesis and mesomorphism of 2,5-bis(3,4-bis(n-alkoxy)phenyl)thiazolo[5,4-d]thiazole tetracatenar liquid crystals. Phase Transitions, 2012, 85, 297-308.	0.6	5
78	Dielectric spectroscopy of polyazomethine with vinylene moieties in the main chain. Liquid Crystals, 2012, 39, 545-550.	0.9	11
79	Synthesis, materials characterization and opto(electrical) properties of unsymmetrical azomethines with benzothiazole core. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 97, 546-555.	2.0	46
80	Opto(electrical) properties of new aromatic polyazomethines with fluorene moieties in the main chain for polymeric photovoltaic devices. Synthetic Metals, 2012, 162, 143-153.	2.1	66
81	Influence of aluminium electrode preparation on PCE values of polymeric solar cells based on P3HT and PCBM. Organic Electronics, 2012, 13, 2525-2531.	1.4	16
82	Dielectric spectroscopy of liquid crystalline unsymmetrical azomethines with one imine bond: influence of rod length and type of terminal chains. Liquid Crystals, 2012, 39, 1033-1039.	0.9	2
83	Characterization, liquid crystalline behavior, optical and electrochemical study of new aliphaticâ€“aromatic polyimide with naphthalene and perylene subunits. Synthetic Metals, 2011, 161, 1660-1670.	2.1	25
84	Photovoltaic Phenomenon in Polymeric Thin Layer Solar Cells. Current Physical Chemistry, 2011, 1, 27-54.	0.1	9
85	Characterization, liquid crystalline behavior, electrochemical and optoelectrical properties of new poly(azomethine)s and a poly(imide) with siloxane linkages. Optical Materials, 2011, 34, 61-74.	1.7	26
86	Organic photovoltaic devices based on polyazomethine and fullerene. Energy Procedia, 2011, 3, 84-91.	1.8	29
87	New aliphaticâ€“aromatic tetraphenylphthalic-based diimides: Thermal, optical and electrical study. Optical Materials, 2011, 33, 958-967.	1.7	5
88	Polymer solar cells. Polimery, 2011, 56, 99-107.	0.4	2
89	New discotic-shaped azomethines with triphenylamine moieties: Thermal, structural behaviors and opto-electrical properties. Journal of Molecular Structure, 2010, 981, 120-129.	1.8	12
90	Star-shaped azomethines based on tris(2-aminoethyl)amine. Characterization, thermal and optical study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 75, 891-900.	2.0	13

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91	Thermoluminescence measurements of liquid crystal azomethines and poly(azomethines) with different shapes as thermo-detectors. Journal of Luminescence, 2010, 130, 2362-2367.	1.5	10
92	Structureâ€“properties relationship of linear and star-shaped imines with triphenylamine moieties as hole-transporting materials. Optical Materials, 2010, 32, 1514-1525.	1.7	32
93	Synthesis, characterization and mesomorphic properties of new unsymmetrical azomethine-type liquid crystals derived from 4-biphenyl carboxaldehyde. Journal of Molecular Liquids, 2010, 151, 30-38.	2.3	15
94	Thermotropic and opto(electrical) properties of liquid crystalline imine with two fluorinated chains. Journal of Molecular Liquids, 2010, 157, 67-72.	2.3	7
95	Thermal, optical, electrical and structural study of new symmetrical azomethine based on poly(1,4-butanediol)bis(4-aminobenzoate). Journal of Molecular Structure, 2010, 963, 175-182.	1.8	29
96	The synthesis and thermal, optical and electrical properties of novel aromaticâ€“aliphatic five- and six-membered thermotropic polyimides. Liquid Crystals, 2010, 37, 1347-1359.	0.9	10
97	DSC and POM Study of New Thermotropic Unsymmetrical Azomethines Derived from 4-Octadecyloxybenzaldehyde. Molecular Crystals and Liquid Crystals, 2010, 518, 101-108.	0.4	10
98	Liquid-crystalline phases formed by symmetrical azines with different terminal chains: Thermal, optical and electrical study. Synthetic Metals, 2010, 160, 859-865.	2.1	22
99	Aliphaticâ€“aromatic poly(azomethine)s with ester groups as thermotropic materials for opto(electronic) applications. Synthetic Metals, 2010, 160, 1856-1867.	2.1	37
100	A study of thermal, optical and electrical properties of new branched triphenylamine-based polyazomethines. Synthetic Metals, 2010, 160, 2065-2076.	2.1	35
101	New thermotropic azomethineâ€“naphthalene diimides for optoelectronic applications. Synthetic Metals, 2010, 160, 2208-2218.	2.1	29
102	Characterisation and mesomorphic behaviour of new aliphaticâ€“aromatic azomethines containing ester groups. Liquid Crystals, 2010, 37, 1479-1492.	0.9	18
103	Thermal and currentâ€“voltage behaviour of liquid crystal compounds with rod and bent shapes comprising alkoxysemifluorinated and imine segments. Liquid Crystals, 2010, 37, 1021-1031.	0.9	18
104	Characterisation and Mesomorphic Behavior of Rod-Shaped Unsymmetrical Imine with a Fluorinated Chain and a Carboxylic Group. Molecular Crystals and Liquid Crystals, 2010, 528, 156-162.	0.4	4
105	Thermothropic azomethines and polyazomethines showing liquid crystalline properties. Polimery, 2010, 55, 253-266.	0.4	3
106	Novel construction of CdTe solar cell based on polyketanil structure. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2009, 165, 71-73.	1.7	2
107	Mesomorphic and optical properties of undoped and doped azomethines. Journal of Molecular Liquids, 2009, 148, 77-87.	2.3	7
108	Characterization and optical properties of oligoazomethines with triphenylamine moieties exhibiting blue, blue-green and green light. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 72, 1-10.	2.0	35

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109	Ionically self-assembled terephthalylidene-bis-4-n-alkylanilines/n-decanesulfonic acid supramolecules: Synthesis, mesomorphic behaviour and optical properties. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 72, 72-81.	2.0	20
110	UVâ€“vis absorption properties of polyazomethine in base and protonated with 1,2-(di-2-ethylhexyl)ester of 4-sulfophthalic acid form. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 74, 174-179.	2.0	5
111	Supramolecular associations of poly(ketanil)s with sulfonic acid derivatives of benzenetricarboxamide via BrÃ¶nsted acidâ€“base interactions: Preparation, spectroscopic morphological and thermal investigations. Synthetic Metals, 2009, 159, 282-291.	2.1	3
112	Characterization, optical and thermal properties of new azomethines based on heptadecafluoroundecyloxy benzaldehyde. Liquid Crystals, 2009, 36, 873-883.	0.9	21
113	Mesomorphic Behavior of Symmetrical and Unsymmetrical Azomethines with Two Imine Groups. Materials, 2009, 2, 38-61.	1.3	17
114	Processible polyazomethines and polyketanils: From aerospace to light-emitting diodes and other advanced applications. Progress in Polymer Science, 2008, 33, 289-345.	11.8	259
115	Synthesis and characterization of polyketanils with 3,8-diamino-6-phenylphenanthridine moieties exhibiting light emitting properties. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 69, 291-303.	2.0	13
116	Hole Transport Triphenylamineâ^'Azomethine Conjugated System: Synthesis and Optical, Photoluminescence, and Electrochemical Properties. Macromolecules, 2008, 41, 6653-6663.	2.2	112
117	Influence of Long-Chain Aliphatic Dopants on the Spectroscopic Properties of Polyketimine Containing 3,8-Diamino-6-phenylphenanthridine and Ethylene Linkage in the Main Chain. Noncovalent Interaction: Proton Transfer, Hydrogen and Halogen Bonding. Journal of Physical Chemistry A, 2008, 112, 7556-7566.	1.1	12
118	Polyketimines with Pendent Azo Groups: Synthesis, Characterization and Optical Properties. High Performance Polymers, 2008, 20, 267-280.	0.8	1
119	New Conjugated Azomethines Containing Triphenylamine Core â€"Characterization and Properties. High Performance Polymers, 2007, 19, 401-426.	0.8	33
120	Effect of Chain Structure and Dopant on the Thermal and Optical Properties of Conjugatedâ€"non-conjugated Isomeric Polyketanils. High Performance Polymers, 2007, 19, 194-212.	0.8	2
121	Polyketanils: Preparation of Ï€-Conjugated Polymer Bases from p-dibenzoylbenzene with Various Diamines. Protonation with DL-Camphor-10-sulfonic Acid. High Performance Polymers, 2007, 19, 78-96.	0.8	3
122	Supramolecular Modification of Optical Properties of Some New Polyazomethines. Molecular Crystals and Liquid Crystals, 2007, 468, 119/[471]-129/[481].	0.4	3
123	Similarities and differences between azomethines and ketimines: Synthesis, materials characterization and structure of novel imines compounds. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 66, 1030-1041.	2.0	20
124	Temperature investigations of E/Z isomers in ketimines based of p-dibenzoylobenzene with aniline and 2,6-dimethylaniline by infrared spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2007, 68, 369-376.	2.0	5
125	Optical properties of polyimines: UVâ€“vis and photoluminescence study of undoped and doped polymers in aprotic and protic solvents. Polymer Engineering and Science, 2007, 47, 1179-1186.	1.5	5
126	Polyketanils. Polymers protonated with Bronsted acid. Journal of Polymer Science Part A, 2006, 44, 5645-5660.	2.5	7

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127	Characterization and Photoluminescence Study of Blue and Green Emitting Polyketanils and Their Blends. Macromolecules, 2005, 38, 4384-4392.	2.2	25
128	Molecular and supramolecular approaches for tuning properties of new polyketanils. E-Polymers, 2004, 4, .	1.3	0
129	Molecular design of new Ï€-conjugated poly(ketanil)s with tunable spectroscopic properties. New Journal of Chemistry, 2004, 28, 1554-1561.	1.4	12
130	Synthesis, characterization and optical properties of oligoketanils containing carbonâ€“carbon double bond in the main chain. Synthetic Metals, 2004, 143, 331-339.	2.1	29
131	Synthesis and characterisation of polyketanils with ether linkages. Macromolecular Symposia, 2003, 199, 455-466.	0.4	4
132	Synthesis and Photoluminescence of Polyketanils with Aliphatic Chains. Polymer Journal, 2002, 34, 911-916.	1.3	8