

# Ewa Schab-Balcerzak

## List of Publications by Year in descending order

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185  
papers

3,045  
citations

185998

28  
h-index

329751

37  
g-index

189  
all docs

189  
docs citations

189  
times ranked

2684  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of carbazole and pyrrolidine functionalization of phenanthroline ligand on ground- and excited-state properties of rhenium(I) complexes. Interplay between 3MLCT and 3IL/3ILCT. <i>Dyes and Pigments</i> , 2022, 200, 110113.	2.0	3
2	Advanced morphological, statistical and molecular simulations analysis of laser-induced micro/nano multiscale surface relief gratings. <i>Surfaces and Interfaces</i> , 2022, 29, 101743.	1.5	4
3	Impact of blocking layer on DSSC performance based on new dye -indolo[3,2,1-jk]carbazole derivative and N719. <i>Dyes and Pigments</i> , 2022, 200, 110166.	2.0	10
4	Novel Azocoumarin Derivativesâ€”Synthesis and Characterization. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5767.	1.8	0
5	New Dâ€”A Systems Based on Phenothiazine Derivatives with Imidazole Structures for Photovoltaics. <i>Journal of Physical Chemistry C</i> , 2022, 126, 8986-8999.	1.5	10
6	Effect of heterocycle donor in 2-cyanoacrylic acid conjugated derivatives for DSSC applications. <i>Solar Energy</i> , 2021, 220, 1109-1119.	2.9	9
7	Carbazole effect on ground- and excited-state properties of rhenium( <i>scp</i> ) carbonyl complexes with extended <i>terpy</i> -like ligands. <i>Dalton Transactions</i> , 2021, 50, 3943-3958.	1.6	11
8	Impact of TiO <sub>2</sub> Nanostructures on Dye-Sensitized Solar Cells Performance. <i>Materials</i> , 2021, 14, 1633.	1.3	26
9	Effect of Polythiophene Content on Thermomechanical Properties of Electroconductive Composites. <i>Molecules</i> , 2021, 26, 2476.	1.7	5
10	Effect of polyaniline content and protonating dopants on electroconductive composites. <i>Scientific Reports</i> , 2021, 11, 7487.	1.6	60
11	â€”Small in size but mighty in forceâ€” The first principle study of the impact of A/D units in A/D-phenyl-phenothiazine-dicyanovinyl systems on photophysical and optoelectronic properties. <i>Dyes and Pigments</i> , 2021, 189, 109248.	2.0	16
12	New Acceptorâ€”Donorâ€”Acceptor Systems Based on Bis-(Imino-1,8-Naphthalimide). <i>Materials</i> , 2021, 14, 2714.	1.3	6
13	New Benzo[h]quinolin-10-ol Derivatives as Co-sensitizers for DSSCs. <i>Materials</i> , 2021, 14, 3386.	1.3	0
14	Effect of the complex-formation ability of thiosemicarbazones containing (aza)benzene or 3-nitro-1,8-naphthalimide unit towards Cu(II) and Fe(III) ions on their anticancer activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 415, 113314.	2.0	8
15	Synthesis, photophysical properties and electroluminescence characterization of 1-phenyl-1H-phenanthro[9,10-d]imidazole derivatives with N-donor substituents. <i>Dyes and Pigments</i> , 2021, 192, 109437.	2.0	7
16	Ground- and excited-state properties of Re(I) carbonyl complexes â€” Effect of triimine ligand core and appended heteroaromatic groups. <i>Dyes and Pigments</i> , 2021, 192, 109472.	2.0	7
17	Luminescence and Electrochemical Activity of New Unsymmetrical 3-Imino-1,8-naphthalimide Derivatives. <i>Materials</i> , 2021, 14, 5504.	1.3	6
18	1,8-Naphthalimides 3-substituted with imine or $\beta$ -ketoenamine unit evaluated as compounds for organic electronics and cell imaging. <i>Dyes and Pigments</i> , 2021, 193, 109508.	2.0	8

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19	Synthesis and Thermal, Photophysical, Electrochemical Properties of 3,3-di[3-Arylcarbazol-9-ylmethyl]oxetane Derivatives. <i>Materials</i> , 2021, 14, 5569.	1.3	4
20	Photoresponsive behaviour of $\pi$ -T-type $\pi$ -azopolyimides. The unexpected high efficiency of diffraction gratings, modulations and stability of the SRG in azopoly(ether imide). <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 273, 115387.	1.7	2
21	Impact of the donor structure in new D $\pi$ A systems based on indolo[3,2,1- <i>jk</i> ]carbazoles on their thermal, electrochemical, optoelectronic and luminescence properties. <i>Journal of Materials Chemistry C</i> , 2021, 9, 7351-7362.	2.7	14
22	In-Depth Studies of Ground- and Excited-State Properties of Re(I) Carbonyl Complexes Bearing 2,2,6,6-Tetramethyl-3-Terpyridine and 2,6-Bis(pyrazin-2-yl)pyridine Coupled with $\pi$ -Conjugated Aryl Chromophores. <i>Inorganic Chemistry</i> , 2021, 60, 18726-18738.	1.9	10
23	Branched azomethines based on tris(2-aminoethyl)amine: Impact of imine core functionalization on thermal, electrochemical and luminescence properties. <i>Materials Chemistry and Physics</i> , 2020, 240, 122246.	2.0	3
24	9,9-bifluorenylidene derivatives as novel hole-transporting materials for potential photovoltaic applications. <i>Dyes and Pigments</i> , 2020, 174, 108031.	2.0	6
25	Photopatterned azo poly(amide imide) layers as aligning substrates of holographic liquid crystal diffraction gratings for beam steering applications. <i>Journal of Materials Chemistry C</i> , 2020, 8, 968-976.	2.7	9
26	Effect of conductive polymers on the optical properties of electrospun polyacrylonitrile nanofibers filled by polypyrrole, polythiophene and polyaniline. <i>Applied Surface Science</i> , 2020, 509, 145068.	3.1	24
27	A family of azoquinoline derivatives: Effect of the substituent at azo linkage on thermal cis-trans isomerization based on an experimental and computational approach. <i>Dyes and Pigments</i> , 2020, 175, 108151.	2.0	6
28	Novel $\beta$ -ketoenamines versus azomethines for organic electronics: characterization of optical and electrochemical properties supported by theoretical studies. <i>Journal of Materials Science</i> , 2020, 55, 3812-3832.	1.7	9
29	Hydrolysis of Schiff bases with phenyl-ethynyl-phenyl system: The importance for biological and physicochemical studies. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 212, 112020.	1.7	5
30	New Thiophene Imines Acting as Hole Transporting Materials in Photovoltaic Devices. <i>Energy &amp; Fuels</i> , 2020, 34, 10160-10169.	2.5	5
31	Poly(amic acid)s vs. polyimides with $\pi$ -conjugated N-N units: Cis-trans isomerization reaction and kinetics of thermal imidization. <i>Optical Materials</i> , 2020, 104, 109931.	1.7	1
32	Investigations of New Phenothiazine-Based Compounds for Dye-Sensitized Solar Cells with Theoretical Insight. <i>Materials</i> , 2020, 13, 2292.	1.3	36
33	Live cell imaging by 3-imino-(2-phenol)-1,8-naphthalimides: The effect of ex vivo hydrolysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 238, 118442.	2.0	12
34	Thermocapillary Marangoni Flows in Azopolymers. <i>Materials</i> , 2020, 13, 2464.	1.3	10
35	Towards better understanding of photophysical properties of rhenium(I) tricarbonyl complexes with terpy-like ligands. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 231, 118124.	2.0	13
36	Photoluminescence enhancement of Re( $\pi$ ) carbonyl complexes bearing D $\pi$ A and D $\pi$ A systems. <i>Dalton Transactions</i> , 2020, 49, 4441-4453.	1.6	20

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37	Photoinduced properties of $\alpha$ -T-type polyimides with azobenzene or azopyridine moieties. <i>European Polymer Journal</i> , 2020, 126, 109563.	2.6	10
38	Traveling Wave Rotary Micromotor Based on a Photomechanical Response in Liquid Crystal Polymer Networks. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 8681-8686.	4.0	17
39	Azobenzene Functionalized $\alpha$ -T-Type Poly(Amide Imide)s vs. Guest-Host Systems—A Comparative Study of Structure-Property Relations. <i>Materials</i> , 2020, 13, 1912.	1.3	4
40	Photoelectrochemical and thermal characterization of aromatic hydrocarbons substituted with a dicyanovinyl unit. <i>Dyes and Pigments</i> , 2020, 180, 108432.	2.0	5
41	Examination of the Effect of Selected Factors on the Photovoltaic Response of Dye-Sensitized Solar Cells. <i>Energy &amp; Fuels</i> , 2020, 34, 14344-14355.	2.5	12
42	Symmetrical and unsymmetrical azomethines with thiophene core: structure—properties investigations. <i>Journal of Materials Science</i> , 2019, 54, 13491-13508.	1.7	13
43	Effect of thienyl units in cyanoacrylic acid derivatives toward dye-sensitized solar cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2019, 197, 111555.	1.7	9
44	Tuning Optical Properties of Re(I) Carbonyl Complexes by Modifying Push—Pull Ligands Structure. <i>Organometallics</i> , 2019, 38, 4206-4223.	1.1	15
45	The effect of 2-, 3- and 4-pyridyl substituents on photophysics of fac-[ReCl(CO) <sub>3</sub> (n-pytpy- $\beta$ 2N)] complexes: Experimental and theoretical insights. <i>Journal of Luminescence</i> , 2019, 209, 346-356.	1.5	8
46	Aryl substituted 2,6-di(thiazol-2-yl)pyridines—excited-state characterization and potential for OLEDs. <i>Dyes and Pigments</i> , 2019, 169, 89-104.	2.0	12
47	Azopolymers with imide structures as light-switchable membranes in controlled gas separation. <i>European Polymer Journal</i> , 2019, 118, 186-194.	2.6	15
48	The large and stable photomechanical effect in the glassy guest-host azopolymers. <i>Dyes and Pigments</i> , 2019, 171, 107659.	2.0	10
49	A highly selective and sensitive sensor with imine and phenyl-ethynyl-phenyl units for the visual and fluorescent detection of copper in water. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 382, 111893.	2.0	17
50	Azobenzene vs azopyridine and matrix molar masses effect on photoinduced phenomena. <i>European Polymer Journal</i> , 2019, 115, 173-184.	2.6	13
51	Structure-dependent and environment-responsive optical properties of the trisheterocyclic systems with electron donating amino groups. <i>Dyes and Pigments</i> , 2019, 166, 283-300.	2.0	25
52	The unexpected photomechanical effect in glassy $\alpha$ -T-type azopolyimides. <i>Journal of Materials Chemistry C</i> , 2019, 7, 4032-4037.	2.7	7
53	Fluorene vs carbazole substituent at quinoline core toward organic electronics. <i>Dyes and Pigments</i> , 2019, 166, 98-106.	2.0	24
54	Dyes based on the D/A-acetylene linker-phenothiazine system for developing efficient dye-sensitized solar cells. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5830-5840.	2.7	46

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55	Novel phenanthro[9,10-d]imidazole derivatives - effect of thienyl and 3,4-(ethylenedioxy)thienyl substituents. <i>Synthetic Metals</i> , 2019, 251, 40-48.	2.1	5
56	Fast dark cis-trans isomerization of azopyridine derivatives in comparison to their azobenzene analogues: Experimental and computational study. <i>Dyes and Pigments</i> , 2019, 160, 654-662.	2.0	37
57	A family of solution processable ligands and their Re(I) complexes towards light emitting applications. <i>Dyes and Pigments</i> , 2019, 163, 86-101.	2.0	22
58	Surface relief gratings in azopolyimides induced by pulsed laser irradiation. <i>European Polymer Journal</i> , 2019, 110, 85-89.	2.6	6
59	Thermal, spectroscopic, electrochemical, and electroluminescent characterization of malononitrile derivatives with triphenylamine structure. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 210, 136-147.	2.0	9
60	2,2-Dicyanovinyl derivatives – Thermal, photophysical, electrochemical and electroluminescence investigations. <i>Materials Chemistry and Physics</i> , 2018, 209, 249-261.	2.0	9
61	Cyclometalated alkynylgold(III) complexes of 2-phenylpyridine and 2-(p-tolyl)-pyridine – Synthesis, photophysical and electroluminescence properties. <i>Journal of Luminescence</i> , 2018, 198, 251-259.	1.5	2
62	On stress – strain responses and photoinduced properties of some azo polymers. <i>Polymer</i> , 2018, 140, 117-121.	1.8	11
63	No effect of the hydrogen bonds on the physicochemical properties of the guest-host poly(amide) Tj ETQq1 1 0.784314 rgBT / Overlo	2.0	10
64	Naphthalene Diimides Prepared by a Straightforward Method and Their Characterization for Organic Electronics. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1756-1760.	1.2	13
65	Experimental and computational exploration of photophysical and electroluminescent properties of modified 2,2'-bipyridine, 2,6-di(thiazol-2-yl)pyridine and 2,6-di(pyrazin-2-yl)pyridine ligands and their Re(I) complexes. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4611.		
66	The comprehensive approach towards study of (azo)polymers fragility parameter: Effect of architecture, intra- and intermolecular interactions and backbone conformation. <i>European Polymer Journal</i> , 2018, 109, 489-498.	2.6	12
67	Novel 1,8-naphthalimides substituted at 3-C position: Synthesis and evaluation of thermal, electrochemical and luminescent properties. <i>Dyes and Pigments</i> , 2018, 158, 65-78.	2.0	20
68	Malononitrile derivatives as push-pull molecules: Structure - properties relationships characterization. <i>Journal of Luminescence</i> , 2018, 203, 455-466.	1.5	4
69	Synthesis and photophysical properties of new perylene bisimide derivatives for application as emitting materials in OLEDs. <i>Dyes and Pigments</i> , 2018, 159, 590-599.	2.0	30
70	Azopolyimides – influence of chemical structure on azochromophore photo-orientation efficiency. <i>Polimery</i> , 2018, 63, 481-487.	0.4	9
71	Noncovalent azopoly(ester imide)s: Experimental study on structure-property relations and theoretical approach for prediction of glass transition temperature and hydrogen bond formation. <i>Polymer</i> , 2017, 113, 53-66.	1.8	22
72	Electrochemical and spectroelectrochemical properties of new polymers with diimide subunits. <i>Journal of Electroanalytical Chemistry</i> , 2017, 795, 90-96.	1.9	4

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73	Electro-optically tunable diffraction grating with photoaligned liquid crystals. <i>Optics Communications</i> , 2017, 400, 144-149.	1.0	15
74	2,2':6''',2''-terpyridine Analogues: Structural, Electrochemical, and Photophysical Properties of 2,6-di(thiazol-2-yl)pyridine Derivatives. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2730-2745.	1.2	19
75	Polycyclic aromatic hydrocarbons connected with Schiff base linkers: Experimental and theoretical photophysical characterization and electrochemical properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 175, 168-176.	2.0	19
76	New anthracene-based Schiff bases: Theoretical and experimental investigations of photophysical and electrochemical properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 175, 24-35.	2.0	18
77	NCN-Coordinating Ligands based on Pyrene Structure with Potential Application in Organic Electronics. <i>Chemistry - A European Journal</i> , 2017, 23, 15746-15758.	1.7	25
78	Highly Luminescent 4-(4-ethynylphenyl)-2,2':6''',2''-terpyridine Derivatives as Materials for Potential Applications in Organic Light Emitting Diodes. <i>ChemistrySelect</i> , 2017, 2, 8221-8233.	0.7	6
79	Spectroscopic, electrochemical, thermal properties and electroluminescence ability of new symmetric azomethines with thiophene core. <i>Journal of Luminescence</i> , 2017, 192, 452-462.	1.5	17
80	4-Phenyl-2,2':6''',2''-terpyridine derivatives-synthesis, potential application and the influence of acetylene linker on their properties. <i>Dyes and Pigments</i> , 2017, 146, 331-343.	2.0	28
81	Blue-light-induced processes in a series of azobenzene poly(ester imide)s. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 347, 177-185.	2.0	9
82	Synthesis, spectroscopic, electrochemical and computational studies of rhenium( <i>triple bond to</i> tricarboxyl complexes based on bidentate-coordinated 2,6-di(thiazol-2-yl)pyridine derivatives. <i>Dalton Transactions</i> , 2017, 46, 9605-9620.	1.6	26
83	Novel concept of polymers preparation with high photoluminescent quantum yield. <i>Polymer Bulletin</i> , 2017, 74, 325-335.	1.7	0
84	Azomethine diimides end-capped with anthracene moieties: Experimental and theoretical investigations. <i>Journal of Molecular Structure</i> , 2017, 1128, 462-470.	1.8	6
85	New donor-acceptor-donor molecules based on quinoline acceptor unit with Schiff base bridge: synthesis and characterization. <i>Journal of Luminescence</i> , 2017, 183, 458-469.	1.5	36
86	Effect of Backbone Variation on Properties of Fluorinated Polyimides toward Optoelectronic Applications. <i>Macromolecular Chemistry and Physics</i> , 2016, 217, 1661-1670.	1.1	6
87	Cyclometalated NCN platinum(II) acetylide complexes – Synthesis, photophysics and OLEDs fabrication. <i>Optical Materials</i> , 2016, 62, 543-552.	1.7	4
88	Rhenium( <i>triple bond to</i> ) complexes with phenanthrolines bearing electron-withdrawing Cl and electron-donating CH <sub>3</sub> substituents – synthesis, photophysical, thermal, and electrochemical properties with electroluminescence ability. <i>RSC Advances</i> , 2016, 6, 112908-112918.	1.7	14
89	Highly Luminescence Anthracene Derivatives as Promising Materials for OLED Applications. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4020-4031.	1.2	44
90	Small Donor-Acceptor Molecules Based on a Quinoline-Fluorene System with Promising Photovoltaic Properties. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 2500-2508.	1.2	25

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91	Synthesis, photophysical properties and application in organic light emitting devices of rhenium( <i>scp</i> ) carbonyls incorporating functionalized 2,2',6,6'-terpyridines. RSC Advances, 2016, 6, 56335-56352.	1.7	29
92	Poly(amic acid)s and their poly(amide imide) counterparts containing azobenzene moieties: Characterization, imidization kinetics and photochromic properties. Materials Chemistry and Physics, 2016, 180, 203-212.	2.0	15
93	Rhenium( <i>scp</i> ) terpyridine complexes – synthesis, photophysical properties and application in organic light emitting devices. Dalton Transactions, 2016, 45, 1746-1762.	1.6	48
94	Simple donor-acceptor derivatives exhibiting aggregation-induced emission characteristics for use as emitting layer in OLED. Dyes and Pigments, 2016, 129, 80-89.	2.0	34
95	Preparation and characterization of new aliphatic-tailed five- and six-membered azomethine-diimides. Materials Chemistry and Physics, 2016, 171, 97-108.	2.0	6
96	Symmetrical N-acylsubstituted dihydrazones containing bithiophene core – Photophysical, electrochemical and thermal characterization. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 159, 169-176.	2.0	5
97	Influence of supramolecular interactions on photoresponsive behavior of azobenzene poly(amide) Tj ETQq1 1 0.784314 rgBT/Overlo	2.0	22
98	Polystyrene with trifluoromethyl units: Monomer reactivity ratios, thermal behavior, flammability, and thermal degradation kinetics. Journal of Applied Polymer Science, 2015, 132, .	1.3	4
99	Boronated (co)polystyrene: monomer reactivity ratios, thermal behavior and flammability. Polymers for Advanced Technologies, 2015, 26, 49-56.	1.6	13
100	Azomethine naphthalene diimides as component of active layers in bulk heterojunction solar cells. Materials Letters, 2015, 157, 93-98.	1.3	29
101	Optical and electrochemical properties of novel thermally stable Schiff bases bearing naphthalene unit. Journal of Electroanalytical Chemistry, 2015, 751, 128-136.	1.9	19
102	Multifaceted Strategy for the Synthesis of Diverse 2,2'-Bithiophene Derivatives. Molecules, 2015, 20, 4565-4593.	1.7	15
103	Characterization of poly(amic acid)s and resulting polyimides bearing azobenzene moieties including investigations of thermal imidization kinetics and photoinduced anisotropy. Polymer International, 2015, 64, 76-87.	1.6	12
104	Photoinduced birefringence of azobenzene polymer at blue excitation wavelengths. Applied Physics B: Lasers and Optics, 2015, 119, 227-231.	1.1	16
105	Thermal, optical and photoinduced properties of a series of homo and co-polyimides with two kinds of covalently bonded azo-dyes and their supramolecular counterparts. Optical Materials, 2015, 48, 139-149.	1.7	22
106	Photochromic supramolecular azopolyimides based on hydrogen bonds. Optical Materials, 2015, 47, 501-511.	1.7	31
107	New core-substituted with electron-donating group 1,8-naphthalimides towards optoelectronic applications. Journal of Luminescence, 2015, 166, 22-39.	1.5	17
108	Comprehensive UV-Vis and EPR spectroelectrochemical characterization of ambipolar azomethinenaphthalendiimides. Journal of Electroanalytical Chemistry, 2015, 745, 14-21.	1.9	7

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109	Poly(esterimide) bearing azobenzene units as photoaligning layer for liquid crystals. <i>Optical Materials</i> , 2015, 49, 224-229.	1.7	17
110	Large and highly stable photoinduced birefringence in poly(amideimide)s with two azochromophores per structural unit. <i>Optical Materials</i> , 2015, 39, 199-206.	1.7	23
111	Unsymmetrical and symmetrical azines toward application in organic photovoltaic. <i>Optical Materials</i> , 2015, 39, 58-68.	1.7	14
112	Photoinduced birefringence of novel azobenzene poly(esterimide)s; the effect of chromophore substituent and excitation conditions. <i>Dyes and Pigments</i> , 2015, 114, 151-157.	2.0	23
113	Supramolecular azopolymers based on hydrogen bonds. <i>Polimery</i> , 2015, 60, 425-434.	0.4	2
114	New air-stable aromatic polyazomethines with triphenylamine or phenylenevinylene moieties towards photovoltaic application. <i>Synthetic Metals</i> , 2014, 195, 341-349.	2.1	52
115	Synthesis of polystyrene modified with fluorine atoms: Monomer reactivity ratios and thermal behavior. <i>Polymer Engineering and Science</i> , 2014, 54, 1170-1181.	1.5	11
116	Halogeno- $\epsilon$ -modified polystyrene: monomer reactivity ratios, thermal behaviour and flammability. <i>Polymer International</i> , 2014, 63, 1982-1990.	1.6	12
117	Laser inscription of surface structures and induction of optical anisotropy in azo-benzene substituted photochromic polymers and other systems. , 2014, , .		1
118	Structural and electrical properties of mixture based on P3HT:PCBM and low band gap naphthalene diimide-imines. <i>Synthetic Metals</i> , 2014, 189, 183-192.	2.1	21
119	Optical, electrical and mechanical properties of indium tin oxide on polyethylene terephthalate substrates: Application in bulk-heterojunction polymer solar cells. <i>Materials Science in Semiconductor Processing</i> , 2014, 24, 110-116.	1.9	30
120	Comparative studies of polyimides with covalently bonded azo-dyes with their supramolecular analogues: Thermo-optical and photoinduced properties. <i>Optical Materials</i> , 2014, 36, 892-902.	1.7	40
121	Photophysical, electrochemical and thermal properties of new (co)polyimides incorporating oxadiazole moieties. <i>Synthetic Metals</i> , 2014, 188, 161-174.	2.1	25
122	Electronic and thermal properties of compounds bearing diimide, azomethine and triphenylamine units. <i>Optical Materials</i> , 2014, 37, 543-551.	1.7	16
123	Spectral, electrochemical and thermal characteristics of glass forming hydrazine derivatives. <i>Optical Materials</i> , 2014, 37, 498-510.	1.7	3
124	Structural characterization, absorption and photoluminescence study of symmetrical azomethines with long aliphatic chains. <i>Journal of Molecular Structure</i> , 2014, 1058, 130-135.	1.8	26
125	(Photo)physical Properties of New Molecular Glasses End-Capped with Thiophene Rings Composed of Diimide and Imine Units. <i>Journal of Physical Chemistry C</i> , 2014, 118, 13070-13086.	1.5	39
126	Optical properties of unsymmetrical azomethines with one imine bonds. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 117, 152-157.	2.0	7



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127	Comparative Studies of Structural, Thermal, Optical, and Electrochemical Properties of Azines with Different End Groups with Their Azomethine Analogues toward Application in (Opto)Electronics. <i>Journal of Physical Chemistry A</i> , 2013, 117, 10320-10332.	1.1	35
128	The influence of macrocyclic ligands and water on propylene oxide polymerization initiated with anhydrous potassium hydroxide in tetrahydrofuran. <i>European Polymer Journal</i> , 2013, 49, 3277-3288.	2.6	12
129	Investigation of optical and electrical properties of new aromatic polyazomethine with thiophene and cardo moieties toward application in organic solar cells. <i>Synthetic Metals</i> , 2013, 185-186, 17-24.	2.1	32
130	New azomethine-phthalic diimides: Synthesis and thermal, optical and electrochemical characterization. <i>Synthetic Metals</i> , 2013, 175, 146-154.	2.1	10
131	New room-temperature thermotropic perylene-based bisimides: Synthesis, liquid crystalline, light-emitting and electrochemical properties. <i>Optical Materials</i> , 2013, 35, 1042-1050.	1.7	14
132	Structure and properties of new highly soluble aromatic poly(etherimide)s containing isopropylidene groups. <i>Polymer Journal</i> , 2013, 45, 1202-1209.	1.3	21
133	Polyazomethine with vinylene and phenanthridine moieties in the main chain: Synthesis, characterization, opto(electrical) properties and theoretical calculations. <i>High Performance Polymers</i> , 2012, 24, 319-330.	0.8	3
134	Synthesis, materials characterization and opto(electrical) properties of unsymmetrical azomethines with benzothiazole core. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 97, 546-555.	2.0	46
135	New low band gap compounds comprised of naphthalene diimide and imine units. <i>Synthetic Metals</i> , 2012, 162, 543-553.	2.1	19
136	Synthesis and study on the light absorbing, emitting, redox and electrochromic properties of azines and polyazines with thiophene units. <i>Synthetic Metals</i> , 2012, 162, 1623-1635.	2.1	27
137	Surface relief gratings in azobenzene supramolecular systems based on polyimides. <i>Optical Materials</i> , 2012, 35, 155-167.	1.7	29
138	Thermal, optical, electrochemical, and electrochromic characteristics of novel polyimides bearing the Acridine Yellow moiety. <i>Materials Chemistry and Physics</i> , 2012, 137, 221-234.	2.0	27
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