Sylwia Golba

List of Publications by Year in descending order

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54	586	567281 15	713466 21
papers	citations	h-index	g-index

54	54	54	799
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dyes based on the D/A-acetylene linker-phenothiazine system for developing efficient dye-sensitized solar cells. Journal of Materials Chemistry C, 2019, 7, 5830-5840.	5.5	46
2	Does the length matter? - Synthesis, photophysical, and theoretical study of novel quinolines based on carbazoles with different length of alkyl chain. Dyes and Pigments, 2019, 160, 604-613.	3.7	28
3	Unusual band-gap migration of N-alkylcarbazole-thiophene derivative. Optical Materials, 2011, 33, 1445-1448.	3.6	27
4	Polymerization of Monomeric Ionic Liquid Confined within Uniaxial Alumina Pores as a New Way of Obtaining Materials with Enhanced Conductivity. ACS Applied Materials & Interfaces, 2016, 8, 29779-29790.	8.0	25
5	Fluorene vs carbazole substituent at quinoline core toward organic electronics. Dyes and Pigments, 2019, 166, 98-106.	3.7	24
6	Novel 1,8-naphthalimides substituted at 3-C position: Synthesis and evaluation of thermal, electrochemical and luminescent properties. Dyes and Pigments, 2018, 158, 65-78.	3.7	20
7	Development of structural characterization and physicochemical behaviour of triphenylamine blocks. Electrochimica Acta, 2008, 53, 5665-5669.	5.2	19
8	Synthesis by Stille cross-coupling procedure and electrochemical properties of C3-symmetric oligoarylobenzenes. Tetrahedron Letters, 2010, 51, 2396-2399.	1.4	19
9	Polycyclic aromatic hydrocarbons connected with Schiff base linkers: Experimental and theoretical photophysical characterization and electrochemical properties. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 175, 168-176.	3.9	19
10	High pressure water-initiated ring opening polymerization for the synthesis of well-defined Î±-hydroxy-Ï‰-(carboxylic acid) polycaprolactones. Green Chemistry, 2017, 19, 3618-3627.	9.0	19
11	Comprehensive Study of Mononuclear Osmium Complexes with Various Pyrene Ligands. European Journal of Inorganic Chemistry, 2018, 2018, 5117-5128.	2.0	19
12	Spectroscopic, electrochemical, thermal properties and electroluminescence ability of new symmetric azomethines with thiophene core. Journal of Luminescence, 2017, 192, 452-462.	3.1	17
13	Studying the catalytic activity of DBU and TBD upon water-initiated ROP of Îµ-caprolactone under different thermodynamic conditions. Polymer Chemistry, 2019, 10, 6047-6061.	3.9	17
14	Electrochemical and spectral properties of meta-linked 1,3,5-tris(aryl)benzenes and 2,4,6-tris(aryl)-1-phenoles, and their polymers. Electrochimica Acta, 2010, 55, 7419-7426.	5.2	16
15	Experimental and numerical investigation of yielding phenomena in a shape memory polymer subjected to cyclic tension at various strain rates. Polymer Testing, 2017, 60, 333-342.	4.8	16
16	Synthesis and properties of 1,3,5-tricarbazolylbenzenes with star-shaped architecture. Dyes and Pigments, 2015, 113, 640-648.	3.7	15
17	Cyclometalated Ruthenium, Osmium, and Iridium Complexes Bridged by an NCNâ€“Pyreneâ€“NCN Derivative â€“ Synthesis and Comparison of Optical, Thermal, and Electrochemical Properties. European Journal of Inorganic Chemistry, 2018, 2018, 1581-1588.	2.0	15
18	Mechanism of Îµ-caprolactone polymerization in the presence of alkali metal salts: investigation of initiation course and determination of polymers structure by MALDI-TOF mass spectrometry. Polymer Bulletin, 2019, 76, 3501-3515.	3.3	15

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19	Novel Aspects of a Convenient Synthesis and of Electroproperties of Derivatives Based on Diphenylamine. Helvetica Chimica Acta, 2008, 91, 618-627.	1.6	14
20	Influence of the substituent D/A at the 1,2,3-triazole ring on novel terpyridine derivatives: synthesis and properties. RSC Advances, 2019, 9, 16554-16564.	3.6	14
21	Studies on the radical polymerization of monomeric ionic liquids: nanostructure ordering as a key factor controlling the reaction and properties of nascent polymers. Polymer Chemistry, 2016, 7, 6363-6374.	3.9	13
22	Spectroelectrochemistry of alternating ambipolar copolymers of 4,4â€²- and 2,2â€²-bipyridine isomers and quaterthiophene. Electrochimica Acta, 2017, 231, 437-452.	5.2	12
23	The influence of initiator and macrocyclic ligand on unsaturation and molar mass of poly(propylene) Tj ETQq1 1 0.784314 rgBT /Overlo	3.3	12
24	Development in Synthesis, Electrochemistry, LB Moieties of Phenothiazine Based Units. Electroanalysis, 2007, 19, 1394-1401.	2.9	10
25	Toward a viable ecological method for regenerating a commercial SCR catalyst â€“ Selectively leaching surface deposits and reconstructing a pore landscape. Journal of Cleaner Production, 2021, 316, 128291.	9.3	10
26	Ring-Opening Polymerization of Lactones Initiated with Metal Hydroxide-Activated Macrocyclic Ligands: Determination of Mechanism and Structure of Polymers. International Journal of Polymer Analysis and Characterization, 2015, 20, 457-468.	1.9	9
27	Microstructure and Porosity Evolution of the Tiâ€“35Zr Biomedical Alloy Produced by Elemental Powder Metallurgy. Materials, 2020, 13, 4539.	2.9	9
28	Ring opening polymerization of styrene oxide initiated with potassium alkoxides and hydroxyalkoxides activated by 18-crown-6: determination of mechanism and preparation of new polyether-polyols. Polymer Bulletin, 2017, 74, 4763-4780.	3.3	8
29	Bifunctional conducting polymer matrices with antibacterial and neuroprotective effects. Bioelectrochemistry, 2022, 144, 108030.	4.6	8
30	Synthesis and characterization of 1,3,5-triphenylamine derivatives with star-shaped architecture. Dyes and Pigments, 2016, 133, 25-32.	3.7	7
31	Ring-opening polymerization of Î²-butyrolactone in the presence of alkali metal salts: investigation of initiation course and determination of polymers structure by MALDI-TOF mass spectrometry. Polymer Bulletin, 2019, 76, 4951-4966.	3.3	7
32	New derivatives of phenylamine as novel building blocks of conducting polymers. Synthetic Metals, 2009, 159, 2202-2204.	3.9	6
33	Electrochemical and spectrophotometric properties of polymers based on derivatives of di- and triphenylamines as promising materials for electronic applications. Designed Monomers and Polymers, 2015, 18, 770-779.	1.6	6
34	Investigation of electrochemical copolymerisation of hydroxmethyl substituted 3,4-ethylenedioxythiophene with bithiophene. Synthetic Metals, 2015, 199, 310-318.	3.9	6
35	Azomethine diimides end-capped with anthracene moieties: Experimental and theoretical investigations. Journal of Molecular Structure, 2017, 1128, 462-470.	3.6	6
36	Impact of Acidity Profile on Nascent Polyaniline in the Modified Rapid Mixing Processâ€”Material Electrical Conductivity and Morphological Study. Materials, 2020, 13, 5108.	2.9	6

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37	New Acceptorâ€“Donorâ€“Acceptor Systems Based on Bis-(Imino-1,8-Naphthalimide). Materials, 2021, 14, 2714.	2.9	6
38	Luminescence and Electrochemical Activity of New Unsymmetrical 3-Imino-1,8-naphthalimide Derivatives. Materials, 2021, 14, 5504.	2.9	6
39	Application of Dipotassium Glycoxidesâ€“Activated 18-Crown-6 for the Synthesis of Poly(propylene) Tj ETQq1 1 0.784314 rgBT /Over 2015, 20, 206-222.	1.9	4
40	A new cyclic initiator system for the synthesis of novel star-shaped polyether-polyols (PEPOs) for fabrication of rigid cross-linked polyurethanes. Iranian Polymer Journal (English Edition), 2018, 27, 745-754.	2.4	4
41	Conductive polymers containing phenothiazine units in the main chains. Polimery, 2009, 54, 255-260.	0.7	4
42	Characterization of new polyether-diols with different molar masses and modality prepared by ring opening polymerization of oxiranes initiated with anhydrous potassium hydroxide. Journal of Polymer Research, 2019, 26, 1.	2.4	3
43	Ring-opening polymerization of monosubstituted oxiranes in the presence of potassium hydride: determination of initiation course and structure of macromolecules by MALDI-TOF mass spectrometry. Journal of Polymer Research, 2019, 26, 1.	2.4	3
44	The influence of hydroxylic compounds on cationic polymerization of É›-caprolactone mediated by iron (III) chloride in tetrahydrofuran solution. Polymer Bulletin, 2023, 80, 6307-6326.	3.3	3
45	Synthesis by Stille Cross-Coupling Procedure and Electrochemical Characterization of Branched Polymers Based on Substituted 1,3,5-Triarylbenzenes. Materials Science Forum, 2010, 663-665, 876-879.	0.3	2
46	Electrochemical and Opto-Electronic Properties of Carbazole-Based Derivatives with Symmetric Aâ€“CZâ€“A Architecture. Russian Journal of Electrochemistry, 2018, 54, 567-584.	0.9	2
47	Anionic ring-opening copolymerization of styrene oxide with monosubstituted oxiranes: analysis of composition of prepared new copolyether-diols by MALDI-TOF mass spectrometry. Polymer Bulletin, 2019, 76, 6291-6303.	3.3	2
48	Application of Monopotassium Dipropylene Glycoxide for Homopolymerization and Copolymerization of Monosubstituted Oxiranes: Characterization of Synthesized Macrodiols by MALDI-TOF Mass Spectrometry. Polymers, 2020, 12, 2795.	4.5	2
49	Application of cesium hydroxide monohydrate for ring opening polymerization of monosubstituted oxiranes: characterization of synthesized polyether-diols. Polymer Bulletin, 2020, , 1.	3.3	2
50	New way of anionic ring-opening copolymerization of Î²-butyrolactone and Îµ-caprolactone: determination of the reaction course. Journal of Polymer Research, 2020, 27, 1.	2.4	2
51	High pressure as a novel tool for the cationic ROP of Î³-butyrolactone. RSC Advances, 2021, 11, 34806-34819.	3.6	2
52	Electrochemical and spectroelectrochemical properties of fluorene-based derivatives as precursors for conjugated polymers. Journal of Electroanalytical Chemistry, 2012, 668, 90-98.	3.8	0
53	New Star-Shaped Polyether-Pentols (PEPOs) for Fabrication of Crosslinked Polyurethanesâ€”Synthesis and Characterization. Polymers, 2021, 13, 2150.	4.5	0
54	Synthesis and Characterization of Electroactive PEDOT Platform with N-Octylphenotiazine Derivative. Materials Performance and Characterization, 2022, 11, 146-158.	0.3	0