

Wojciech Domagala

List of Publications by Year in descending order

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40
papers

767
citations

471509

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1140
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#	ARTICLE	IF	CITATIONS
1	Designing New Indene-Fullerene Derivatives as Electron-Transporting Materials for Flexible Perovskite Solar Cells. <i>Journal of Physical Chemistry C</i> , 2021, 125, 27344-27353.	3.1	8
2	Synthesis of Bis([2,2'-bithiophen]-5-yl)-Substituted Oligothiadiazaoles: Effect of the Number of Acceptor Units on Electrochemical and Spectroscopic Properties. <i>Journal of Organic Chemistry</i> , 2019, 84, 10040-10049.	3.2	8
3	Poly(3-hexylthiophene) Grafting and Molecular Dilution: Study of a Class of Conjugated Graft Copolymers. <i>Polymers</i> , 2019, 11, 205.	4.5	8
4	Insight into the properties and redox states of n-dopable conjugated polymers based on naphthalene diimide units. <i>Electrochimica Acta</i> , 2019, 307, 525-535.	5.2	21
5	Transparent to Black Electrochromism—The “Holy Grail” of Organic Optoelectronics. <i>Polymers</i> , 2019, 11, 273.	4.5	35
6	Spectroelectrochemistry of poly(3-hexylthiophenes) in solution. <i>Chemical Papers</i> , 2018, 72, 251-259.	2.2	8
7	Mono and di-substituted BODIPY with electron donating carbazole, thiophene, and 3,4-ethylenedioxythiophene units. <i>Electrochimica Acta</i> , 2018, 271, 685-698.	5.2	9
8	Synthesis and optical properties of 2-functionally substituted 4,5-dihydrothieno[3,2-c]quinolines. <i>Dyes and Pigments</i> , 2018, 159, 419-428.	3.7	8
9	Spectroelectrochemistry of alternating ambipolar copolymers of 4,4'- and 2,2'-bipyridine isomers and quaterthiophene. <i>Electrochimica Acta</i> , 2017, 231, 437-452.	5.2	12
10	Effect of donor to acceptor ratio on electrochemical and spectroscopic properties of oligoalkylthiophene 1,3,4-oxadiazole derivatives. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 30261-30276.	2.8	20
11	Synthesis and optical properties of new 5'-aryl-substituted 2,5-bis(3-decyl-2'-bithiophen-5-yl)-1,3,4-oxadiazoles. <i>Beilstein Journal of Organic Chemistry</i> , 2017, 13, 313-322.	2.2	16
12	OLigo(3-hydroxybutyrate)-functionalized polypyrroles: towards bio-erodible conducting copolymers. <i>Polymer International</i> , 2016, 65, 1395-1404.	3.1	9
13	Systematic elongation of thienyl linkers and their effect on optical and electrochemical properties in carbazole-BODIPY donor-acceptor systems. <i>RSC Advances</i> , 2016, 6, 36500-36509.	3.6	18
14	The influence of oxygen conditioning effect on the permeation properties of polyaniline membranes. <i>Separation Science and Technology</i> , 2016, 51, 2667-2674.	2.5	2
15	Effect of the electron-accepting centre and solubilising substituents on the redox, spectroscopic and electroluminescent properties of four oxadiazoles and a triazole disubstituted with bithiophene. <i>Journal of Materials Science</i> , 2016, 51, 2274-2282.	3.7	19
16	The role of structural and electronic factors in shaping the ambipolar properties of donor-acceptor polymers of thiophene and benzothiadiazole. <i>RSC Advances</i> , 2015, 5, 77303-77315.	3.6	33
17	A study on the synthesis and properties of substituted EHBG-Fe(III) complexes as potential MRI contrast agents. <i>Journal of Organometallic Chemistry</i> , 2014, 769, 100-105.	1.8	10
18	Solubility controlled electropolymerisation and study of the impact of regioregularity on the spectroelectrochemical properties of thin films of poly(3-octylthiophenes). <i>Electrochimica Acta</i> , 2014, 122, 66-71.	5.2	13

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19	Electrochemical and spectroelectrochemical comparison of alternated monomers and their copolymers based on carbazole and thiophene derivatives. <i>Electrochimica Acta</i> , 2014, 122, 118-129.	5.2	44
20	Symmetrically Disubstituted Bithiophene Derivatives of 1,3,4-Oxadiazole, 1,3,4-Thiadiazole, and 1,2,4-Triazole – Spectroscopic, Electrochemical, and Spectroelectrochemical Properties. <i>Journal of Physical Chemistry C</i> , 2014, 118, 25176-25189.	3.1	33
21	Fused H-shaped tetrathiafulvalene – oligothiophenes as charge transport materials for OFETs and OPVs. <i>Journal of Materials Chemistry C</i> , 2014, 2, 2674-2683.	5.5	15
22	Multielectrochromism of redox states of thin electropolymerised films of poly(3-dodecylpyrrole) involving a black coloured state. <i>Electrochimica Acta</i> , 2014, 137, 595-601.	5.2	17
23	Doping behaviour of electrochemically generated model bithiophene meta-substituted star shaped oligomer. <i>Materials Chemistry and Physics</i> , 2014, 147, 254-260.	4.0	8
24	Synthesis of new, highly luminescent bis(2,2'-bithiophen-5-yl) substituted 1,3,4-oxadiazole, 1,3,4-thiadiazole and 1,2,4-triazole. <i>Beilstein Journal of Organic Chemistry</i> , 2014, 10, 1596-1602.	2.2	29
25	Determination and Comparison of Ideal and Practical Selectivity Coefficients of Membranes Containing Different Conductive Polymers. <i>Acta Physica Polonica A</i> , 2013, 124, 563-566.	0.5	5
26	Electrochemical and UV-Vis/ESR spectroelectrochemical properties of thienylenevinylenes substituted by a 4-cyanostyryl group. <i>Electrochimica Acta</i> , 2011, 56, 4445-4450.	5.2	1
27	Redox doping behaviour of poly(3,4-ethylenedithiophene) – The counterion effect. <i>Optical Materials</i> , 2011, 33, 1405-1409.	3.6	18
28	Long alkyl chain bearing derivatives of poly(3,4-ethylenedioxythiophene) studied by in situ EPR spectroelectrochemistry. <i>Synthetic Metals</i> , 2009, 159, 2240-2244.	3.9	14
29	Novel Poly(amideimide)s: Synthesis, Thermal, and Optical Characterization. <i>High Performance Polymers</i> , 2009, 21, 265-281.	1.8	6
30	Quantitative in-situ EPR spectroelectrochemical studies of doping processes in poly(3,4-alkylenedioxythiophene)s. <i>Electrochimica Acta</i> , 2008, 53, 4580-4590.	5.2	54
31	In-situ ESR spectroelectrochemical studies of overoxidation behaviour of poly(3,4-butylenedioxythiophene). <i>Electrochimica Acta</i> , 2006, 51, 2135-2144.	5.2	25
32	Electrochemical overoxidation of poly(3,4-ethylenedioxythiophene) – PEDOT studied by means of in situ ESR spectroelectrochemistry. <i>Electrochimica Acta</i> , 2005, 50, 1625-1633.	5.2	86
33	ESR spectroelectrochemistry of functionalised long side chain derivatives of poly(3,4-ethylenedioxythiophene). <i>Synthetic Metals</i> , 2005, 152, 189-192.	3.9	4
34	Investigation of charge carriers in poly(3,4-butylenedioxythiophene) (PBuDOT) by means of ESR spectroelectrochemistry. <i>Journal of Solid State Electrochemistry</i> , 2004, 8, 369-375.	2.5	7
35	Heteropolyacids dispersed within a polymer matrix as a new catalytic systems with controlled oxidative-reductive and acid-base active centers. <i>Macromolecular Symposia</i> , 2004, 210, 281-289.	0.7	2
36	Electrochemical studies of selected regioregular oligooctylthiophenes in solution and in thin film solid state. <i>Electrochimica Acta</i> , 2003, 48, 2379-2388.	5.2	24

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37	In situ EPR spectroelectrochemical studies of paramagnetic centres in poly(3,4-ethylenedioxythiophene) (PEDOT) and poly(3,4-butylendioxythiophene) (PBuDOT) films. <i>Chemical Physics</i> , 2003, 292, 31-45.	1.9	63
38	ESR spectroelectrochemistry of poly(3,4-ethylenedioxythiophene) (PEDOT). <i>Electrochemistry Communications</i> , 2003, 5, 603-608.	4.7	51
39	Synthesis and electropolymerisation of 3,4-alkylenedioxythiophenes. <i>Synthetic Metals</i> , 2003, 135-136, 27-28.	3.9	3
40	Electrochemistry and <i>In Situ</i> EPR Spectroelectrochemistry of Poly(3,4-ethylenedithiothiophene). <i>Key Engineering Materials</i> , 0, 559, 121-125.	0.4	1