

Aneta Slodek

List of Publications by Year in descending order

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44
papers

999
citations

394421

19
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454955

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times ranked

1097
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#	ARTICLE	IF	CITATIONS
1	Efficient oxidations and photooxidations with molecular oxygen using metal phthalocyanines as catalysts and photocatalysts. <i>Journal of Porphyrins and Phthalocyanines</i> , 2004, 08, 1020-1041.	0.8	156
2	Nonlinear optical performance of chemically tailored phthalocyanine-polymer films as solid-state optical limiting devices. <i>Journal of Optics</i> , 2008, 10, 075101.	1.5	59
3	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.	5.5	46
4	Highly Luminescence Anthracene Derivatives as Promising Materials for OLED Applications. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4020-4031.	2.4	44
5	Metal Complexes of Phthalocyanines in Polymers as Suitable Materials for Optical Limiting. <i>Macromolecular Symposia</i> , 2006, 235, 9-18.	0.7	38
6	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.	3.1	36
7	Investigations of New Phenothiazine-Based Compounds for Dye-Sensitized Solar Cells with Theoretical Insight. <i>Materials</i> , 2020, 13, 2292.	2.9	36
8	Phenothiazine derivatives - synthesis, characterization, and theoretical studies with an emphasis on the solvatochromic properties. <i>Journal of Molecular Liquids</i> , 2019, 285, 515-525.	4.9	31
9	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.	3.7	30
10	Sensitizers for DSSC containing triazole motif with acceptor/donor substituents - Correlation between theoretical and experimental data in prediction of consistent photophysical parameters. <i>Journal of Molecular Structure</i> , 2020, 1207, 127771.	3.6	29
11	4-Phenyl-2,6-terpyridine derivatives-synthesis, potential application and the influence of acetylene linker on their properties. <i>Dyes and Pigments</i> , 2017, 146, 331-343.	3.7	28
12	Does the length matter? - Synthesis, photophysical, and theoretical study of novel quinolines based on carbazoles with different length of alkyl chain. <i>Dyes and Pigments</i> , 2019, 160, 604-613.	3.7	28
13	Theoretical and Experimental Investigations of Large Stokes Shift Fluorophores Based on a Quinoline Scaffold. <i>Molecules</i> , 2020, 25, 2488.	3.8	28
14	Synthesis, Electrochemistry, Crystal Structures, and Optical Properties of Quinoline Derivatives with a 2,2'-Bithiophene Motif. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 5256-5264.	2.4	27
15	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.	2.4	25
16	NCN-Coordinating Ligands based on Pyrene Structure with Potential Application in Organic Electronics. <i>Chemistry - A European Journal</i> , 2017, 23, 15746-15758.	3.3	25
17	Is it worthwhile to deal with 1,3-disubstituted pyrene derivatives? - Photophysical, optical and theoretical study of substitution position effect of pyrenes containing tetrazole groups. <i>Computational Materials Science</i> , 2019, 165, 101-113.	3.0	24
18	Fluorene vs carbazole substituent at quinoline core toward organic electronics. <i>Dyes and Pigments</i> , 2019, 166, 98-106.	3.7	24

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19	Comprehensive exploration of the optical and biological properties of new quinoline based cellular probes. <i>Dyes and Pigments</i> , 2017, 144, 119-132.	3.7	23
20	Comprehensive Study of Mononuclear Osmium Complexes with Various Pyrene Ligands. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 5117-5128.	2.0	19
21	An ambipolar behavior of novel ethynyl-bridged polythiophenes—A comprehensive study. <i>Synthetic Metals</i> , 2013, 165, 7-16.	3.9	18
22	4-(2-Phenyl-2,2,6,6-tetrapyridine Derivatives Containing 1-Substituted-2,3-Triazole Ring: Synthesis, Characterization and Anticancer Activity. <i>ChemistrySelect</i> , 2018, 3, 7009-7017.	1.5	16
23	“Small in size but mighty in force” 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.	3.7	16
24	Multifaceted Strategy for the Synthesis of Diverse 2,2'-Bithiophene Derivatives. <i>Molecules</i> , 2015, 20, 4565-4593.	3.8	15
25	Cyclometalated Ruthenium, Osmium, and Iridium Complexes Bridged by an NCN-Pyrene-NCN Derivative—Synthesis and Comparison of Optical, Thermal, and Electrochemical Properties. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 1581-1588.	2.0	15
26	Acceptor-Acceptor-Acceptor/Donor systems containing dicyanovinyl acceptor group with substituted 1,2,3-triazole motif—synthesis, photophysical and theoretical studies. <i>Journal of Molecular Structure</i> , 2020, 1204, 127488.	3.6	15
27	Influence of the substituent D/A at the 1,2,3-triazole ring on novel terpyridine derivatives: synthesis and properties. <i>RSC Advances</i> , 2019, 9, 16554-16564.	3.6	14
28	Impact of the donor structure in new D-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.	5.5	14
29	Pyrene derivatives with two types of substituents at positions 1, 3, 6, and 8—fad or necessity?. <i>RSC Advances</i> , 2019, 9, 24015-24024.	3.6	13
30	Novel iridium(III) complexes based on 2-(2- TM -bithien-5-yl)-quinoline. Synthesis, photophysical, photochemical and DFT studies. <i>Materials Chemistry and Physics</i> , 2015, 162, 498-508.	4.0	12
31	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
32	Luminescent-Substituted Fluoranthenes—Synthesis, Structure, Electrochemistry, and Optical Properties. <i>Chemistry - A European Journal</i> , 2018, 24, 9622-9631.	3.3	10
33	Impact of blocking layer on DSSC performance based on new dye -indolo[3,2,1- <i>jk</i>]carbazole derivative and N719. <i>Dyes and Pigments</i> , 2022, 200, 110166.	3.7	10
34	New D-A Systems Based on Phenothiazine Derivatives with Imidazole Structures for Photovoltaics. <i>Journal of Physical Chemistry C</i> , 2022, 126, 8986-8999.	3.1	10
35	Mono- and Diruthenium, Symmetrical and Unsymmetrical Complexes Bridged by Pyrene Derivatives: Experimental and Theoretical Studies. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 3868-3877.	2.0	9
36	Optical limiting of germanium(IV) and tin(IV) phthalocyanines in solution and polymer matrices and comparison to an indium(III) phthalocyanine. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 811-823.	0.8	8

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37	From Ag ₂ S to luminescent AgInS nanocrystals <i>via</i> an ultrasonic method <i>an in situ</i> synthesis study in an NMR tube. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8942-8952.	5.5	8
38	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.	1.5	6
39	Double NCN-cyclometalating pyrene derivatives with two kinds of substituents <i>Experimental and theoretical investigations</i> . <i>Journal of Molecular Structure</i> , 2020, 1202, 127282.	3.6	6
40	2,2',6',2''-Terpyridine derivative with tetrazole motif and its analogues with 2-pyrazinyl or 2-thiazolyl substituents <i>Experimental and theoretical investigations</i> . <i>Journal of Molecular Structure</i> , 2020, 1205, 127669.	3.6	5
41	Cyclometalated NCN platinum(II) acetylide complexes <i>Synthesis, photophysics and OLEDs fabrication</i> . <i>Optical Materials</i> , 2016, 62, 543-552.	3.6	4
42	The Impact of a 1,2,3-Triazole Motif on the Photophysical Behavior of Non-K Tetrasubstituted Pyrene with a Substitution Pattern Providing the Long Axial Symmetry. <i>Molecules</i> , 2022, 27, 4314.	3.8	4
43	Luminescent N ₂ C ₂ N cyclometalated iridium(III) acetylide complexes with fluorene and carbazole motifs. <i>Journal of Luminescence</i> , 2019, 211, 446-456.	3.1	3
44	New Benzo[h]quinolin-10-ol Derivatives as Co-sensitizers for DSSCs. <i>Materials</i> , 2021, 14, 3386.	2.9	0