Aneta Slodek

List of Publications by Year in descending order

44 papers	999 citations	394421 19 h-index	454955 30 g-index
44 all docs	44 docs citations	44 times ranked	1097 citing authors

#	Article	IF	Citations
1	Impact of blocking layer on DSSC performance based on new dye -indolo[3,2,1-jk]carbazole derivative and N719. Dyes and Pigments, 2022, 200, 110166.	3.7	10
2	New Dâ^Ï€â€“Dâ^Ï€â€“A Systems Based on Phenothiazine Derivatives with Imidazole Structures for Photovoltaics. Journal of Physical Chemistry C, 2022, 126, 8986-8999.	3.1	10
3	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. Molecules, 2022, 27, 4314.	3.8	4
4	â€œSmall in size but mighty in forceâ€•â€“ The first principle study of the impact of A/D units in A/D-phenyl-Ï€-phenothiazine-Ï€-dicyanovinyl systems on photophysical and optoelectronic properties. Dyes and Pigments, 2021, 189, 109248.	3.7	16
5	New Benzo[h]quinolin-10-ol Derivatives as Co-sensitizers for DSSCs. Materials, 2021, 14, 3386.	2.9	0
6	Impact of the donor structure in new Dâ€“Ï€â€“A systems based on indolo[3,2,1-jk]carbazoles on their thermal, electrochemical, optoelectronic and luminescence properties. Journal of Materials Chemistry C, 2021, 9, 7351-7362.	5.5	14
7	Double NCN-cyclometalating pyrene derivatives with two kinds of substituents â€“ Experimental and theoretical investigations. Journal of Molecular Structure, 2020, 1202, 127282.	3.6	6
8	Acceptor-Ï€-Acceptor-Acceptor/Donor systems containing dicyanovinyl acceptor group with substituted 1,2,3-triazole motif â€“ synthesis, photophysical and theoretical studies. Journal of Molecular Structure, 2020, 1204, 127488.	3.6	15
9	2,2â€™:6â€™,2â€™â€™-Terpyridine derivative with tetrazole motif and its analogues with 2-pyrazinyl or 2-thiazolyl substituents â€“ Experimental and theoretical investigations. Journal of Molecular Structure, 2020, 1205, 127669.	3.6	5
10	Investigations of New Phenothiazine-Based Compounds for Dye-Sensitized Solar Cells with Theoretical Insight. Materials, 2020, 13, 2292.	2.9	36
11	Theoretical and Experimental Investigations of Large Stokes Shift Fluorophores Based on a Quinoline Scaffold. Molecules, 2020, 25, 2488.	3.8	28
12	From Ag₂S to luminescent Agâ€“Inâ€“S nanocrystals via an ultrasonic method â€“ an in situ synthesis study in an NMR tube. Journal of Materials Chemistry C, 2020, 8, 8942-8952.	5.5	8
13	Sensitizers for DSSC containing triazole motif with acceptor/donor substituents â€“ Correlation between theoretical and experimental data in prediction of consistent photophysical parameters. Journal of Molecular Structure, 2020, 1207, 127771.	3.6	29
14	Pyrene derivatives with two types of substituents at positions 1, 3, 6, and 8 â€“ fad or necessity?. RSC Advances, 2019, 9, 24015-24024.	3.6	13
15	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
16	Is it worthwhile to deal with 1,3-disubstituted pyrene derivatives? â€“ Photophysical, optical and theoretical study of substitution position effect of pyrenes containing tetrazole groups. Computational Materials Science, 2019, 165, 101-113.	3.0	24
17	Phenothiazine derivatives - synthesis, characterization, and theoretical studies with an emphasis on the solvatochromic properties. Journal of Molecular Liquids, 2019, 285, 515-525.	4.9	31
18	Fluorene vs carbazole substituent at quinoline core toward organic electronics. Dyes and Pigments, 2019, 166, 98-106.	3.7	24

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19	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
20	Luminescent NË†CË†N cyclometalated iridium(III) acetylide complexes with fluorene and carbazole motifs. Journal of Luminescence, 2019, 211, 446-456.	3.1	3
21	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
22	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
23	Comprehensive Study of Mononuclear Osmium Complexes with Various Pyrene Ligands. European Journal of Inorganic Chemistry, 2018, 2018, 5117-5128.	2.0	19
24	Luminescentâ€Substituted Fluoranthenesâ€”Synthesis, Structure, Electrochemistry, and Optical Properties. Chemistry - A European Journal, 2018, 24, 9622-9631.	3.3	10
25	4â€²â€Phenylâ€2,2â€²:6â€²,2â€²â€terpyridine Derivatives Containing 1â€Substitutedâ€2,3â€Triazole Ring: Synthesis, Characterization and Anticancer Activity. ChemistrySelect, 2018, 3, 7009-7017.	1.5	16
26	Synthesis and photophysical properties of new perylene bisimide derivatives for application as emitting materials in OLEDs. Dyes and Pigments, 2018, 159, 590-599.	3.7	30
27	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
28	Comprehensive exploration of the optical and biological properties of new quinoline based cellular probes. Dyes and Pigments, 2017, 144, 119-132.	3.7	23
29	NCNâ€Coordinating Ligands based on Pyrene Structure with Potential Application in Organic Electronics. Chemistry - A European Journal, 2017, 23, 15746-15758.	3.3	25
30	Highly Luminescent 4â€²â€(4â€ethynylphenyl)â€2,2â€™:6â€™,2â€™â€™â€Terpyridine Derivatives as Materials for Potential Applications in Organic Light Emitting Diodes. ChemistrySelect, 2017, 2, 8221-8233.	1.5	6
31	Monoâ€and Diruthenium, Symmetrical and Unsymmetrical Complexes Bridged by Pyrene Derivatives: Experimental and Theoretical Studies. European Journal of Inorganic Chemistry, 2017, 2017, 3868-3877.	2.0	9
32	4â€²-Phenyl-2,2â€²:6â€²,2â€³-terpyridine derivatives-synthesis, potential application and the influence of acetylene linker on their properties. Dyes and Pigments, 2017, 146, 331-343.	3.7	28
33	New donor-acceptor-donor molecules based on quinoline acceptor unit with Schiff base bridge: synthesis and characterization. Journal of Luminescence, 2017, 183, 458-469.	3.1	36
34	Optical limiting of germanium(IV) and tin(IV) phthalocyanines in solution and polymer matrices and comparison to an indium(III) phthalocyanine. Journal of Porphyrins and Phthalocyanines, 2017, 21, 811-823.	0.8	8
35	Cyclometalated NCN platinum(II) acetylide complexes â€“ Synthesis, photophysics and OLEDs fabrication. Optical Materials, 2016, 62, 543-552.	3.6	4
36	Highly Luminescence Anthracene Derivatives as Promising Materials for OLED Applications. European Journal of Organic Chemistry, 2016, 2016, 4020-4031.	2.4	44

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37	Small Donorâ€“Acceptor Molecules Based on a Quinolineâ€“Fluorene System with Promising Photovoltaic Properties. European Journal of Organic Chemistry, 2016, 2016, 2500-2508.	2.4	25
38	Multifaceted Strategy for the Synthesis of Diverse 2,2'-Bithiophene Derivatives. Molecules, 2015, 20, 4565-4593.	3.8	15
39	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.	4.0	12
40	Synthesis, Electrochemistry, Crystal Structures, and Optical Properties of Quinoline Derivatives with a 2,2â€²â€Bithiophene Motif. European Journal of Organic Chemistry, 2014, 2014, 5256-5264.	2.4	27
41	An ambipolar behavior of novel ethynyl-bridged polythiophenesâ€”A comprehensive study. Synthetic Metals, 2013, 165, 7-16.	3.9	18
42	Nonlinear optical performance of chemically tailored phthalocyanineâ€“polymer films as solid-state optical limiting devices. Journal of Optics, 2008, 10, 075101.	1.5	59
43	Metal Complexes of Phthalocyanines in Polymers as Suitable Materials for Optical Limiting. Macromolecular Symposia, 2006, 235, 9-18.	0.7	38
44	Efficient oxidations and photooxidations with molecular oxygen using metal phthalocyanines as catalysts and photocatalysts. Journal of Porphyrins and Phthalocyanines, 2004, 08, 1020-1041.	0.8	156