

Agnieszka Nowak-Krol

List of Publications by Citations

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41
papers

1,207
citations

22
h-index

34
g-index

45
ext. papers

1,479
ext. citations

6.2
avg, IF

5.01
L-index

#	Paper	IF	Citations
41	Progress in the synthesis of perylene bisimide dyes. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 1272-1318	5.2	131
40	Naphthalene and perylene diimides - better alternatives to fullerenes for organic electronics?. <i>Chemical Communications</i> , 2018 , 54, 13763-13772	5.8	121
39	Direct Observation of Excimer-Mediated Intramolecular Electron Transfer in a Cofacially-Stacked Perylene Bisimide Pair. <i>Journal of the American Chemical Society</i> , 2016 , 138, 9029-32	16.4	94
38	Ultrafast Exciton Delocalization, Localization, and Excimer Formation Dynamics in a Highly Defined Perylene Bisimide Quadruple Stack. <i>Journal of the American Chemical Society</i> , 2018 , 140, 4253-4258	16.4	75
37	Study of intermolecular interactions in the corrole matrix by solid-state NMR under 100 kHz MAS and theoretical calculations. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 14108-11	16.4	74
36	Meso-substituted liquid porphyrins. <i>Chemistry - an Asian Journal</i> , 2010 , 5, 904-9	4.5	57
35	Strong two-photon absorption enhancement in a unique bis-porphyrin bearing a diketopyrrolopyrrole unit. <i>Chemical Communications</i> , 2013 , 49, 8368-70	5.8	54
34	Tetramethoxy-bay-substituted perylene bisimides by copper-mediated cross-coupling. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 537-544	5.2	42
33	Selective cycloaddition of tetracyanoethene (TCNE) and 7,7,8,8-tetracyano-p-quinodimethane (TCNQ) to afford meso-substituted phenylethynyl porphyrins. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 1887-94	4.5	38
32	Synthesis and linear and nonlinear optical properties of low-melting extended porphyrins. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2044	7.1	36
31	Tetrahydroxy-Perylene Bisimide Embedded in a Zinc Oxide Thin Film as an Electron-Transporting Layer for High-Performance Non-Fullerene Organic Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 13051-13055	16.4	35
30	Oxidative aromatic coupling of meso-aryl-amino-porphyrins. <i>Organic Letters</i> , 2013 , 15, 5618-21	6.2	32
29	Photoinduced electron transfer (PET) versus excimer formation in supramolecular p/n-heterojunctions of perylene bisimide dyes and implications for organic photovoltaics. <i>Faraday Discussions</i> , 2015 , 185, 507-27	3.6	31
28	meso-Alkylidene (m-benzi)pentaphyrin: a modified pentaphyrin bearing exocyclic double bonds at meso-positions. <i>Chemical Communications</i> , 2010 , 46, 8737-9	5.8	31
27	n-Channel Organic Semiconductors Derived from Air-Stable Four-Coordinate Boron Complexes of Substituted Thienylthiazoles. <i>Chemistry - A European Journal</i> , 2017 , 23, 11620-11628	4.8	26
26	Solvent-Modulated Charge-Transfer Resonance Enhancement in the Excimer State of a Bay-Substituted Perylene Bisimide Cyclophane. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 1919-1927	6.4	25
25	Modular Synthesis of Organoboron Helically Chiral Compounds: Cutouts from Extended Helices. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 4350-4357	16.4	25

24	A Crystalline π -Stack Containing Five Stereoisomers: Insights into Conformational Isomorphism, Chirality Inversion, and Disorder. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 11774-11778	16.4	24
23	Modulation of band gap and p- versus n-semiconductor character of ADA dyes by core and acceptor group variation. <i>Organic Chemistry Frontiers</i> , 2016 , 3, 545-555	5.2	23
22	Two-photon absorption in butadiyne-linked porphyrin dimers: torsional and substituent effects. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 6802-6809	7.1	23
21	Amplified two-photon absorption in trans-A2B2-porphyrins bearing nitrophenylethynyl substituents. <i>ChemPhysChem</i> , 2012 , 13, 3966-72	3.2	23
20	Mass spectrometry studies on meso-substituted corroles and their photochemical decomposition products. <i>Journal of Mass Spectrometry</i> , 2010 , 45, 1443-51	2.2	23
19	An efficient synthesis of porphyrins with different meso substituents that avoids scrambling in aqueous media. <i>Chemistry - A European Journal</i> , 2015 , 21, 1488-98	4.8	21
18	Insights into the tautomerism in meso-substituted corroles: a variable-temperature ¹ H, ¹³ C, ¹⁵ N, and ¹⁹ F NMR spectroscopy study. <i>Chemistry - A European Journal</i> , 2014 , 20, 1720-30	4.8	19
17	Study of Intermolecular Interactions in the Corrole Matrix by Solid-State NMR under 100 kHz MAS and Theoretical Calculations. <i>Angewandte Chemie</i> , 2013 , 125, 14358-14361	3.6	17
16	Synthesis of trans-A2B2-porphyrins bearing phenylethynyl substituents. <i>Journal of Organic Chemistry</i> , 2011 , 76, 2627-34	4.2	16
15	Tetrahydroxy-Perylene Bisimide Embedded in a Zinc Oxide Thin Film as an Electron-Transporting Layer for High-Performance Non-Fullerene Organic Solar Cells. <i>Angewandte Chemie</i> , 2019 , 131, 13185-13189	3.6	15
14	A Crystalline π -Stack Containing Five Stereoisomers: Insights into Conformational Isomorphism, Chirality Inversion, and Disorder. <i>Angewandte Chemie</i> , 2017 , 129, 11936-11940	3.6	12
13	Synthesis and adrenolytic activity of 1-(1H-indol-4-yloxy)-3-(2-(2-methoxy phenoxy)ethylamino)propan-2-ol analogs and its enantiomers. Part 2. <i>European Journal of Medicinal Chemistry</i> , 2009 , 44, 5103-11	6.8	11
12	Modulare Synthese helikal-chiraler Organobor-Verbindungen: Ausschnitte verlängerter Helices. <i>Angewandte Chemie</i> , 2021 , 133, 4396-4403	3.6	11
11	Liquid-Crystalline Properties of trans-A2 B2 -Porphyrins with Extended π -Electron Systems. <i>Chemistry - A European Journal</i> , 2015 , 21, 7384-8	4.8	9
10	Ultrafast coherent exciton dynamics in size-controlled perylene bisimide aggregates. <i>Structural Dynamics</i> , 2019 , 6, 064501	3.2	9
9	Straightforward Transformation of Pentafluorobenzaldehyde into 4-Aryloxy-2,3,5,6-tetrafluorobenzaldehydes. <i>Synthesis</i> , 2008 , 2008, 4028-4032	2.9	7
8	Soluble meso-tetrakis(arylethynyl)porphyrins π -synthesis and optical properties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014 , 18, 998-1013	1.8	6
7	Enhanced N-directed electrophilic C-H borylation generates BN-[5]- and [6]helicenes with improved photophysical properties.. <i>Chemical Science</i> , 2022 , 13, 1136-1145	9.4	3

6	Stable, low-melting trans-A2B-corroles. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 1244-1255	1.8	2
5	Synthesis and adrenolytic activity of new propanolamines. <i>Molecules</i> , 2010 , 15, 3887-904	4.8	2
4	Low-Melting Porphyrins and Their Photophysical Properties 2019 , 21-37		1
3	All-optical corrole-based oxygen sensor. <i>Physica Scripta</i> , 2013 , T157, 014009	2.6	1
2	The ¹ H, ¹³ C, ¹⁵ N, and ¹⁹ F NMR chemical shifts assignments in 5,10,15-tris(pentafluorophenyl)tetra- ¹⁵ N corrole at 191 K. <i>Magnetic Resonance in Chemistry</i> , 2015 , 53, 167-71	2.1	1
1	Access to Corrole-Appended Persubstituted Benzofurans by a Multicomponent Reaction: The Dual Role of -Chloranil. <i>Organic Letters</i> , 2020 , 22, 8139-8143	6.2	1