

Agnieszka Nowak-KrÅ³

List of Publications by Year in descending order

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39
papers

1,679
citations

279487

23
h-index

288905

40
g-index

45
all docs

45
docs citations

45
times ranked

2423
citing authors

#	ARTICLE	IF	CITATIONS
1	Progress in the synthesis of perylene bisimide dyes. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1272-1318.	2.3	238
2	Naphthalene and perylene diimides – better alternatives to fullerenes for organic electronics?. <i>Chemical Communications</i> , 2018, 54, 13763-13772.	2.2	185
3	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, 9029-9032.	6.6	124
4	Ultrafast Exciton Delocalization, Localization, and Excimer Formation Dynamics in a Highly Defined Perylene Bisimide Quadruple π -Stack. <i>Journal of the American Chemical Society</i> , 2018, 140, 4253-4258.	6.6	101
5	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, 14108-14111.	7.2	86
6	Modular Synthesis of Organoboron Helically Chiral Compounds: Cutouts from Extended Helices. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 4350-4357.	7.2	68
7	<i>Meso</i> -Substituted Liquid Porphyrins. <i>Chemistry - an Asian Journal</i> , 2010, 5, 904-909.	1.7	61
8	Strong two-photon absorption enhancement in a unique bis-porphyrin bearing a diketopyrrolopyrrole unit. <i>Chemical Communications</i> , 2013, 49, 8368.	2.2	61
9	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.	7.2	54
10	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.	2.1	51
11	Synthesis and linear and nonlinear optical properties of low-melting π -extended porphyrins. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2044.	2.7	47
12	Tetramethoxy-bay-substituted perylene bisimides by copper-mediated cross-coupling. <i>Organic Chemistry Frontiers</i> , 2016, 3, 537-544.	2.3	45
13	Selective Cycloaddition of Tetracyanoethene (TCNE) and 7,7,8,8-Tetracyano- <i>p</i> -quinodimethane (TCNQ) to Afford <i>meso</i> -Substituted Phenylethynyl Porphyrins. <i>Chemistry - an Asian Journal</i> , 2012, 7, 1887-1894.	1.7	42
14	Oxidative Aromatic Coupling of <i>meso</i> -Arylamino-porphyrins. <i>Organic Letters</i> , 2013, 15, 5618-5621.	2.4	39
15	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, 507-527.	1.6	39
16	π -Channel Organic Semiconductors Derived from Air-Stable Four-Coordinate Boron Complexes of Substituted Thienylthiazoles. <i>Chemistry - A European Journal</i> , 2017, 23, 11620-11628.	1.7	34
17	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.	7.2	34
18	<i>meso</i> -Alkylidene (<i>m</i> -benzi)pentaphyrin: a modified pentaphyrin bearing exocyclic double bonds at <i>meso</i> -positions. <i>Chemical Communications</i> , 2010, 46, 8737.	2.2	33

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19	Two-photon absorption in butadiyne-linked porphyrin dimers: torsional and substituent effects. <i>Journal of Materials Chemistry C</i> , 2014, 2, 6802-6809.	2.7	28
20	Amplified Two-Photon Absorption in <i>trans</i> -A ₂ B ₂ -Porphyrins Bearing Nitrophenylethynyl Substituents. <i>ChemPhysChem</i> , 2012, 13, 3966-3972.	1.0	26
21	Mass spectrometry studies on <i>meso</i> -substituted corroles and their photochemical decomposition products. <i>Journal of Mass Spectrometry</i> , 2010, 45, 1443-1451.	0.7	25
22	An Efficient Synthesis of Porphyrins with Different <i>meso</i> Substituents that Avoids Scrambling in Aqueous Media. <i>Chemistry - A European Journal</i> , 2015, 21, 1488-1498.	1.7	25
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.	2.3	25
24	Tetrahydroperylene 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.	1.6	23
25	Modulare Synthese helikal-chiraler Organoborverbindungen: Ausschnitte verlängerter Helices. <i>Angewandte Chemie</i> , 2021, 133, 4396-4403.	1.6	23
26	Enhanced N-directed electrophilic C-H borylation generates B _N [5]- and [6]helicenes with improved photophysical properties. <i>Chemical Science</i> , 2022, 13, 1136-1145.	3.7	23
27	Insights into the Tautomerism in <i>meso</i> -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, 1720-1730.	1.7	21
28	Synthesis of <i>trans</i> -A ₂ B ₂ -Porphyrins Bearing Phenylethynyl Substituents. <i>Journal of Organic Chemistry</i> , 2011, 76, 2627-2634.	1.7	17
29	A Crystalline π-Stack Containing Five Stereoisomers: Insights into Conformational Isomorphism, Chirality Inversion, and Disorder. <i>Angewandte Chemie</i> , 2017, 129, 11936-11940.	1.6	15
30	Synthesis and adrenolytic activity of 1-(1H-indol-4-yloxy)-3-(2-(2-methoxy) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (phenoxy)ethyl Chemistry, 2009, 44, 5103-5111.	2.6	14
31	Ultrafast coherent exciton dynamics in size-controlled perylene bisimide aggregates. <i>Structural Dynamics</i> , 2019, 6, 064501.	0.9	14
32	Straightforward Transformation of Pentafluorobenzaldehyde into 4-Aryloxy-2,3,5,6-tetrafluorobenzaldehydes. <i>Synthesis</i> , 2008, 2008, 4028-4032.	1.2	10
33	Liquid-Crystalline Properties of <i>trans</i> -A ₂ B ₂ -Porphyrins with Extended π-Electron Systems. <i>Chemistry - A European Journal</i> , 2015, 21, 7384-7388.	1.7	9
34	Soluble <i>meso</i> -tetrakis(arylethynyl)porphyrins synthesis and optical properties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014, 18, 998-1013.	0.4	6
35	Access to Corrole-Appended Persubstituted Benzofurans by a Multicomponent Reaction: The Dual Role of <i>p</i> -Chloranil. <i>Organic Letters</i> , 2020, 22, 8139-8143.	2.4	4
36	Synthesis and Adrenolytic Activity of New Propanolamines. <i>Molecules</i> , 2010, 15, 3887-3904.	1.7	3

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37	Stable, low-melting trans-A ₂ B-corroles. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 1244-1255.	0.4	2
38	All-optical corrole-based oxygen sensor. <i>Physica Scripta</i> , 2013, T157, 014009.	1.2	1
39	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, 167-171.	1.1	1