

# Agnieszka Nowak-Krol

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Enhanced N-directed electrophilic C-H borylation generates BN-[5]- and [6]helicenes with improved photophysical properties.. <i>Chemical Science</i> , <b>2022</b> , 13, 1136-1145	9.4	3
40	Modulare Synthese helikal-chiraler Organobor-Verbindungen: Ausschnitte verlängerter Helices. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 4396-4403	3.6	11
39	Modular Synthesis of Organoboron Helically Chiral Compounds: Cutouts from Extended Helices. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 4350-4357	16.4	25
38	Access to Corrole-Appended Persubstituted Benzofurans by a Multicomponent Reaction: The Dual Role of -Chloranil. <i>Organic Letters</i> , <b>2020</b> , 22, 8139-8143	6.2	1
37	Solvent-Modulated Charge-Transfer Resonance Enhancement in the Excimer State of a Bay-Substituted Perylene Bisimide Cyclophane. <i>Journal of Physical Chemistry Letters</i> , <b>2019</b> , 10, 1919-1927	6.4	25
36	Low-Melting Porphyrins and Their Photophysical Properties <b>2019</b> , 21-37		1
35	Progress in the synthesis of perylene bisimide dyes. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 1272-1318	5.2	131
34	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> , <b>2019</b> , 131, 13185-13189	3.6	15
33	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> , <b>2019</b> , 58, 13051-13055	16.4	35
32	Ultrafast coherent exciton dynamics in size-controlled perylene bisimide aggregates. <i>Structural Dynamics</i> , <b>2019</b> , 6, 064501	3.2	9
31	Ultrafast Exciton Delocalization, Localization, and Excimer Formation Dynamics in a Highly Defined Perylene Bisimide Quadruple $\pi$ Stack. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 4253-4258	16.4	75
30	Naphthalene and perylene diimides - better alternatives to fullerenes for organic electronics?. <i>Chemical Communications</i> , <b>2018</b> , 54, 13763-13772	5.8	121
29	n-Channel Organic Semiconductors Derived from Air-Stable Four-Coordinate Boron Complexes of Substituted Thienylthiazoles. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 11620-11628	4.8	26
28	A Crystalline $\pi$ Stack Containing Five Stereoisomers: Insights into Conformational Isomorphism, Chirality Inversion, and Disorder. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 11936-11940	3.6	12
27	A Crystalline $\pi$ Stack Containing Five Stereoisomers: Insights into Conformational Isomorphism, Chirality Inversion, and Disorder. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 11774-11778	16.4	24
26	Direct Observation of Excimer-Mediated Intramolecular Electron Transfer in a Cofacially-Stacked Perylene Bisimide Pair. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 9029-32	16.4	94
25	Stable, low-melting trans-A2B-corroles. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2016</b> , 20, 1244-1255	1.8	2

24	Modulation of band gap and p- versus n-semiconductor character of ADA dyes by core and acceptor group variation. <i>Organic Chemistry Frontiers</i> , <b>2016</b> , 3, 545-555	5.2	23
23	Tetramethoxy-bay-substituted perylene bisimides by copper-mediated cross-coupling. <i>Organic Chemistry Frontiers</i> , <b>2016</b> , 3, 537-544	5.2	42
22	Liquid-Crystalline Properties of trans-A2 B2 -Porphyrins with Extended $\pi$ Electron Systems. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 7384-8	4.8	9
21	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> , <b>2015</b> , 185, 507-27	3.6	31
20	An efficient synthesis of porphyrins with different meso substituents that avoids scrambling in aqueous media. <i>Chemistry - A European Journal</i> , <b>2015</b> , 21, 1488-98	4.8	21
19	The $^1\text{H}$ , $^{13}\text{C}$ , $^{15}\text{N}$ , and $^{19}\text{F}$ NMR chemical shifts assignments in 5,10,15-tris (pentafluorophenyl)tetra- $^{15}\text{N}$ corrole at 191 K. <i>Magnetic Resonance in Chemistry</i> , <b>2015</b> , 53, 167-71	2.1	1
18	Two-photon absorption in butadiyne-linked porphyrin dimers: torsional and substituent effects. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 6802-6809	7.1	23
17	Insights into the tautomerism in meso-substituted corroles: a variable-temperature $^1\text{H}$ , $^{13}\text{C}$ , $^{15}\text{N}$ , and $^{19}\text{F}$ NMR spectroscopy study. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 1720-30	4.8	19
16	Soluble meso-tetrakis(arylethynyl)porphyrins $\pi$ synthesis and optical properties. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2014</b> , 18, 998-1013	1.8	6
15	Strong two-photon absorption enhancement in a unique bis-porphyrin bearing a diketopyrrolopyrrole unit. <i>Chemical Communications</i> , <b>2013</b> , 49, 8368-70	5.8	54
14	Oxidative aromatic coupling of meso-arylamino-porphyrins. <i>Organic Letters</i> , <b>2013</b> , 15, 5618-21	6.2	32
13	All-optical corrole-based oxygen sensor. <i>Physica Scripta</i> , <b>2013</b> , T157, 014009	2.6	1
12	Synthesis and linear and nonlinear optical properties of low-melting $\pi$ extended porphyrins. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 2044	7.1	36
11	Study of Intermolecular Interactions in the Corrole Matrix by Solid-State NMR under 100 kHz MAS and Theoretical Calculations. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 14358-14361	3.6	17
10	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> , <b>2013</b> , 52, 14108-11	16.4	74
9	Amplified two-photon absorption in trans-A2B2-porphyrins bearing nitrophenylethynyl substituents. <i>ChemPhysChem</i> , <b>2012</b> , 13, 3966-72	3.2	23
8	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> , <b>2012</b> , 7, 1887-94	4.5	38
7	Synthesis of trans-A2B2-porphyrins bearing phenylethynyl substituents. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 2627-34	4.2	16

6	Synthesis and adrenolytic activity of new propanolamines. <i>Molecules</i> , <b>2010</b> , 15, 3887-904	4.8	2
5	meso-Alkylidene (m-benzi)pentaphyrin: a modified pentaphyrin bearing exocyclic double bonds at meso-positions. <i>Chemical Communications</i> , <b>2010</b> , 46, 8737-9	5.8	31
4	Meso-substituted liquid porphyrins. <i>Chemistry - an Asian Journal</i> , <b>2010</b> , 5, 904-9	4.5	57
3	Mass spectrometry studies on meso-substituted corroles and their photochemical decomposition products. <i>Journal of Mass Spectrometry</i> , <b>2010</b> , 45, 1443-51	2.2	23
2	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> , <b>2009</b> , 44, 5103-11	6.8	11
1	Straightforward Transformation of Pentafluorobenzaldehyde into 4-Aryloxy-2,3,5,6-tetrafluorobenzaldehydes. <i>Synthesis</i> , <b>2008</b> , 2008, 4028-4032	2.9	7