Martin D Peeks

List of Publications by Year
in descending order

32 papers	1,171 citations	430874 18 h-index	454955 30 g-index
44 all docs	44 docs citations	44 times ranked	1568 citing authors

#	Article	IF	Citations
1	Aromatic and antiaromatic ring currents in a molecular nanoring. Nature, 2017, 541, 200-203.	27.8	204
2	Global aromaticity at the nanoscale. Nature Chemistry, 2020, 12, 236-241.	13.6	121
3	Insights into Magneto-Optics of Helical Conjugated Polymers. Journal of the American Chemical Society, 2018, 140, 6501-6508.	13.7	76
4	Electronic Delocalization in the Radical Cations of Porphyrin Oligomer Molecular Wires. Journal of the American Chemical Society, 2017, 139, 10461-10471.	13.7	67
5	Template-Directed Synthesis of a Conjugated Zinc Porphyrin Nanoball. Journal of the American Chemical Society, 2018, 140, 5352-5355.	13.7	64
6	Transient EPR Reveals Triplet State Delocalization in a Series of Cyclic and Linear Ï€-Conjugated Porphyrin Oligomers. Journal of the American Chemical Society, 2015, 137, 8284-8293.	13.7	62
7	Experimental and computational evaluation of the barrier to torsional rotation in a butadiyne-linked porphyrin dimer. Physical Chemistry Chemical Physics, 2016, 18, 5264-5274.	2.8	57
8	Synthesis of Fiveâ€Porphyrin Nanorings by Using Ferrocene and Corannulene Templates. Angewandte Chemie - International Edition, 2016, 55, 8358-8362.	13.8	54
9	Large, Tunable, and Reversible pH Changes by Merocyanine Photoacids. Journal of the American Chemical Society, 2021, 143, 20758-20768.	13.7	43
10	Janus Graphene: Scalable Selfâ€Assembly and Solutionâ€Phase Orthogonal Functionalization. Advanced Materials, 2019, 31, e1900438.	21.0	42
11	A Semiconducting Conjugated Radical Polymer: Ambipolar Redox Activity and Faraday Effect. Journal of the American Chemical Society, 2018, 140, 10881-10889.	13.7	41
12	From Macrocycles to Quantum Rings: Does Aromaticity Have a Size Limit?. Accounts of Chemical Research, 2021, 54, 3241-3251.	15.6	41
13	Aromaticity and Antiaromaticity in the Excited States of Porphyrin Nanorings. Journal of Physical Chemistry Letters, 2019, 10, 2017-2022.	4.6	39
14	Constructive quantum interference in a bis-copper six-porphyrin nanoring. Nature Communications, 2017, 8, 14842.	12.8	36
15	Photophysics of Threaded sp-Carbon Chains: The Polyyne is a Sink for Singlet and Triplet Excitation. Journal of the American Chemical Society, 2014, 136, 17996-18008.	13.7	33
16	Global Aromaticity and Antiaromaticity in Porphyrin Nanoring Anions. Angewandte Chemie - International Edition, 2019, 58, 15717-15720.	13.8	30
17	Band Structures of Periodic Porphyrin Nanostructures. Journal of Physical Chemistry C, 2018, 122, 23790-23798.	3.1	21
18	Synthesis of Fiveâ€Porphyrin Nanorings by Using Ferrocene and Corannulene Templates. Angewandte Chemie, 2016, 128, 8498-8502.	2.0	20

#	Article	IF	Citations
19	Excitation wavelength-dependent EPR study on the influence of the conformation of multiporphyrin arrays on triplet state delocalization. Physical Chemistry Chemical Physics, 2016, 18, 5275-5280.	2.8	17
20	Quantifying the exchange coupling in linear copper porphyrin oligomers. Physical Chemistry Chemical Physics, 2017, 19, 16057-16061.	2.8	17
21	Large Faraday Rotation in Optical-Quality Phthalocyanine and Porphyrin Thin Films. Journal of the American Chemical Society, 2021, 143, 7096-7103.	13.7	17
22	Mechanisms of IR amplification in radical cation polarons. Chemical Science, 2020, 11, 2112-2120.	7.4	12
23	Correspondence on â€œHow Aromatic Are Molecular Nanorings? The Case of a Sixâ€Porphyrin Nanoringâ€**. Angewandte Chemie - International Edition, 2022, 61, .	13.8	11
24	Global Aromaticity and Antiaromaticity in Porphyrin Nanoring Anions. Angewandte Chemie, 2019, 131, 15864-15867.	2.0	10
25	Detection of a weak ring current in a nonaromatic porphyrin nanoring using magnetic circular dichroism. Physical Chemistry Chemical Physics, 2017, 19, 32556-32565.	2.8	8
26	Harnessing NMR relaxation interference effects to characterise supramolecular assemblies. Chemical Communications, 2016, 52, 7450-7453.	4.1	6
27	Time-Resolved Structural Dynamics of Extended Ï€-Electron Porphyrin Nanoring. Journal of Physical Chemistry C, 2019, 123, 27222-27229.	3.1	6
28	Watching Bonds Move in a Large Antiaromatic Ring. CheM, 2019, 5, 9-12.	11.7	5
29	Photogenerated triplet states in supramolecular porphyrin ladder assemblies: an EPR study. Physical Chemistry Chemical Physics, 2016, 18, 24171-24175.	2.8	4
30	A straightforward method to quantify the electron-delocalizing ability of Ï€-conjugated molecules. Physical Chemistry Chemical Physics, 2022, 24, 11486-11490.	2.8	3
31	Correspondence on â€œHow Aromatic Are Molecular Nanorings? The Case of a Sixâ€Porphyrin Nanoringâ€**. Angewandte Chemie, 0, , .	2.0	3
32	Probing the orientation of porphyrin oligomers in a liquid crystal solvent â€“ a triplet state electron paramagnetic resonance study. Molecular Physics, 2019, 117, 2700-2708.	1.7	0