

Martin D Peeks

List of Publications by Year in descending order

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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	A straightforward method to quantify the electron-delocalizing ability of π -conjugated molecules. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 11486-11490.	2.8	3
2	Correspondence on "How Aromatic Are Molecular Nanorings? The Case of a Six-Porphyrin Nanoring". <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	11
3	Large Faraday Rotation in Optical-Quality Phthalocyanine and Porphyrin Thin Films. <i>Journal of the American Chemical Society</i> , 2021, 143, 7096-7103.	13.7	17
4	From Macrocycles to Quantum Rings: Does Aromaticity Have a Size Limit?. <i>Accounts of Chemical Research</i> , 2021, 54, 3241-3251.	15.6	41
5	Large, Tunable, and Reversible pH Changes by Merocyanine Photoacids. <i>Journal of the American Chemical Society</i> , 2021, 143, 20758-20768.	13.7	43
6	Mechanisms of IR amplification in radical cation polarons. <i>Chemical Science</i> , 2020, 11, 2112-2120.	7.4	12
7	Global aromaticity at the nanoscale. <i>Nature Chemistry</i> , 2020, 12, 236-241.	13.6	121
8	Probing the orientation of porphyrin oligomers in a liquid crystal solvent " a triplet state electron paramagnetic resonance study. <i>Molecular Physics</i> , 2019, 117, 2700-2708.	1.7	0
9	Global Aromaticity and Antiaromaticity in Porphyrin Nanoring Anions. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15717-15720.	13.8	30
10	Global Aromaticity and Antiaromaticity in Porphyrin Nanoring Anions. <i>Angewandte Chemie</i> , 2019, 131, 15864-15867.	2.0	10
11	Time-Resolved Structural Dynamics of Extended π -Electron Porphyrin Nanoring. <i>Journal of Physical Chemistry C</i> , 2019, 123, 27222-27229.	3.1	6
12	Janus Graphene: Scalable Self-Assembly and Solution-Phase Orthogonal Functionalization. <i>Advanced Materials</i> , 2019, 31, e1900438.	21.0	42
13	Aromaticity and Antiaromaticity in the Excited States of Porphyrin Nanorings. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 2017-2022.	4.6	39
14	Watching Bonds Move in a Large Antiaromatic Ring. <i>CheM</i> , 2019, 5, 9-12.	11.7	5
15	Template-Directed Synthesis of a Conjugated Zinc Porphyrin Nanoball. <i>Journal of the American Chemical Society</i> , 2018, 140, 5352-5355.	13.7	64
16	Band Structures of Periodic Porphyrin Nanostructures. <i>Journal of Physical Chemistry C</i> , 2018, 122, 23790-23798.	3.1	21
17	Insights into Magneto-Optics of Helical Conjugated Polymers. <i>Journal of the American Chemical Society</i> , 2018, 140, 6501-6508.	13.7	76
18	A Semiconducting Conjugated Radical Polymer: Ambipolar Redox Activity and Faraday Effect. <i>Journal of the American Chemical Society</i> , 2018, 140, 10881-10889.	13.7	41

#	ARTICLE	IF	CITATIONS
19	Quantifying the exchange coupling in linear copper porphyrin oligomers. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 16057-16061.	2.8	17
20	Constructive quantum interference in a bis-copper six-porphyrin nanoring. <i>Nature Communications</i> , 2017, 8, 14842.	12.8	36
21	Aromatic and antiaromatic ring currents in a molecular nanoring. <i>Nature</i> , 2017, 541, 200-203.	27.8	204
22	Detection of a weak ring current in a nonaromatic porphyrin nanoring using magnetic circular dichroism. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 32556-32565.	2.8	8
23	Electronic Delocalization in the Radical Cations of Porphyrin Oligomer Molecular Wires. <i>Journal of the American Chemical Society</i> , 2017, 139, 10461-10471.	13.7	67
24	Synthesis of Five- μ -Porphyrin Nanorings by Using Ferrocene and Corannulene Templates. <i>Angewandte Chemie</i> , 2016, 128, 8498-8502.	2.0	20
25	Harnessing NMR relaxation interference effects to characterise supramolecular assemblies. <i>Chemical Communications</i> , 2016, 52, 7450-7453.	4.1	6
26	Photogenerated triplet states in supramolecular porphyrin ladder assemblies: an EPR study. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 24171-24175.	2.8	4
27	Synthesis of Five- μ -Porphyrin Nanorings by Using Ferrocene and Corannulene Templates. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8358-8362.	13.8	54
28	Excitation wavelength-dependent EPR study on the influence of the conformation of multiporphyrin arrays on triplet state delocalization. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 5275-5280.	2.8	17
29	Experimental and computational evaluation of the barrier to torsional rotation in a butadiyne-linked porphyrin dimer. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 5264-5274.	2.8	57
30	Transient EPR Reveals Triplet State Delocalization in a Series of Cyclic and Linear π -Conjugated Porphyrin Oligomers. <i>Journal of the American Chemical Society</i> , 2015, 137, 8284-8293.	13.7	62
31	Photophysics of Threaded sp-Carbon Chains: The Polyene is a Sink for Singlet and Triplet Excitation. <i>Journal of the American Chemical Society</i> , 2014, 136, 17996-18008.	13.7	33
32	Correspondence on "How Aromatic Are Molecular Nanorings? The Case of a Six- μ -Porphyrin Nanoring". <i>Angewandte Chemie</i> , 0, , .	2.0	3