

Marcin StÄpieÅ,,

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4631641/publications.pdf>

Version: 2024-02-01

97
papers

6,750
citations

66234

42
h-index

62479

80
g-index

112
all docs

112
docs citations

112
times ranked

3782
citing authors

#	ARTICLE	IF	CITATIONS
1	Heterocyclic Nanographenes and Other Polycyclic Heteroaromatic Compounds: Synthetic Routes, Properties, and Applications. <i>Chemical Reviews</i> , 2017, 117, 3479-3716.	23.0	1,018
2	Figure Eights, Möbius Bands, and More: Conformation and Aromaticity of Porphyrinoids. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4288-4340.	7.2	424
3	Bowls, Hoops, and Saddles: Synthetic Approaches to Curved Aromatic Molecules. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 86-116.	7.2	320
4	Expanded Porphyrin with a Split Personality: A Möbius Aromaticity Switch. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7869-7873.	7.2	308
5	Recent Advances in Heterocyclic Nanographenes and Other Polycyclic Heteroaromatic Compounds. <i>Chemical Reviews</i> , 2022, 122, 565-788.	23.0	276
6	Benzoporphyrins: Exploring Arene Chemistry in a Macrocyclic Environment. <i>Accounts of Chemical Research</i> , 2005, 38, 88-98.	7.6	207
7	Tetraphenylbenzoporphyrin: A Ligand for Organometallic Chemistry. <i>Chemistry - A European Journal</i> , 2001, 7, 5113-5117.	1.7	169
8	Cadmium(II) and Nickel(II) Complexes of Benzoporphyrins. A Study of Weak Intramolecular Metal-Arene Interactions. <i>Journal of the American Chemical Society</i> , 2004, 126, 4566-4580.	6.6	164
9	Tetraphenyl-p-benzoporphyrin: A Carbaporphyrinoid with Two Linked Carbon Atoms in the Coordination Core. <i>Journal of the American Chemical Society</i> , 2002, 124, 3838-3839.	6.6	153
10	Octamethyl-octaundecylcyclo[8]pyrrole: A Promising Sulfate Anion Extractant. <i>Journal of the American Chemical Society</i> , 2007, 129, 11020-11021.	6.6	139
11	Lemniscular [16]Cycloparaphenylene: A Radially Conjugated Figure-Eight Aromatic Molecule. <i>Journal of the American Chemical Society</i> , 2019, 141, 7421-7427.	6.6	134
12	Three-Level Topology Switching in a Molecular Möbius Band. <i>Journal of the American Chemical Society</i> , 2010, 132, 3140-3152.	6.6	132
13	Schalen, Reifen und Sattel: Methoden zur Synthese gebogener aromatischer Moleküle. <i>Angewandte Chemie</i> , 2019, 131, 90-122.	1.6	116
14	Supramolecular Liquid Crystals Based on Cyclo[8]pyrrole. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1431-1435.	7.2	113
15	The Fold-In Approach to Bowl-Shaped Aromatic Compounds: Synthesis of Chrysaoroles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1713-1717.	7.2	97
16	Palladium(II) Complexes of Oxybenzoporphyrin. <i>Inorganic Chemistry</i> , 2001, 40, 6892-6900.	1.9	92
17	Octulene: A Hyperbolic Molecular Belt that Binds Chloride Anions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14072-14076.	7.2	82
18	Peripherally Fused Porphyrins via the Scholl Reaction: Synthesis, Self-Assembly, and Mesomorphism. <i>Journal of the American Chemical Society</i> , 2012, 134, 4822-4833.	6.6	81

#	ARTICLE	IF	CITATIONS
19	Inverted Sapphyrin: A New Family of Doubly N-Confused Expanded Porphyrins. <i>Journal of the American Chemical Society</i> , 2006, 128, 12640-12641.	6.6	73
20	Hückel and Möbius Expanded <i>p</i> -Benziporphyrins: Synthesis and Aromaticity Switching. <i>Chemistry - A European Journal</i> , 2014, 20, 1985-1997.	1.7	72
21	Reversible Carbon-Carbon Bond Breaking and Spin Equilibria in Bis(pyrimidinenorcorrole). <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13142-13146.	7.2	72
22	Steric Control in the Synthesis of <i>p</i> -Benziporphyrins. Formation of a Doubly N-Confused Benzihexaphyrin Macrocycle. <i>Organic Letters</i> , 2009, 11, 3930-3933.	2.4	71
23	Highly Strained Nonclassical Nanotube End-caps. A Single-Step Solution Synthesis from Strain-Free, Non-Macrocyclic Precursors. <i>Journal of the American Chemical Society</i> , 2015, 137, 1643-1649.	6.6	70
24	Expanded Hexapyrrolohexaazacoronenes. Near-Infrared Absorbing Chromophores with Interrupted Peripheral Conjugation. <i>Journal of the American Chemical Society</i> , 2014, 136, 16399-16410.	6.6	68
25	Stereocontrolled Synthesis of Chiral Heteroaromatic Propellers with Small Optical Bandgaps. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4929-4933.	7.2	68
26	An Electron-Deficient Azacoronene Obtained by Radial π -Extension. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14658-14662.	7.2	67
27	Single-Boron Complexes of N-Confused and N-Fused Porphyrins. <i>Inorganic Chemistry</i> , 2007, 46, 6950-6957.	1.9	65
28	Extension of antiaromatic norcorrole by cycloaddition. <i>Chemical Communications</i> , 2018, 54, 2510-2513.	2.2	63
29	22-Hydroxybenzporphyrin: Switching of Antiaromaticity by Phenol-Keto Tautomerization. <i>Journal of Organic Chemistry</i> , 2007, 72, 2259-2270.	1.7	61
30	Towards Norcorrin: Hydrogenation Chemistry and the Heterodimerization of Nickel(II) Norcorrole. <i>Chemistry - A European Journal</i> , 2015, 21, 7790-7797.	1.7	60
31	Pyridine-Fused Bis(Norcorrole) through Hantzsch-Type Cyclization: Enhancement of Antiaromaticity by an Aromatic Bridge. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10810-10814.	7.2	59
32	Synthesis of a peripherally conjugated 5-6-7 nanographene. <i>Chemical Science</i> , 2016, 7, 286-294.	3.7	58
33	Bandgap Engineering in π -Extended Pyrroles. A Modular Approach to Electron-Deficient Chromophores with Multi-Redox Activity. <i>Journal of the American Chemical Society</i> , 2016, 138, 11390-11398.	6.6	57
34	Iron and Copper Complexes of Tetraphenyl- <i>m</i> -benzporphyrin: Reactivity of the Internal C-H Bond. <i>Inorganic Chemistry</i> , 2004, 43, 4118-4120.	1.9	56
35	Nitration of Norcorrolatonicel(II): First Observation of a Diatropic Current in a System Comprising a Norcorrole Ring. <i>Chemistry - A European Journal</i> , 2016, 22, 4231-4246.	1.7	56
36	Discotic Liquid-Crystalline Materials Based on Porphycenes: A Mesogenic Metalloporphycene-Tetracyanoquinodimethane (TCNQ) Adduct. <i>Chemistry - A European Journal</i> , 2007, 13, 6853-6863.	1.7	55

#	ARTICLE	IF	CITATIONS
37	Conformational Flexibility of Nickel(II) Benzoporphyrins. <i>Inorganic Chemistry</i> , 2004, 43, 6654-6662.	1.9	52
38	Recent Advances in the Synthesis of Bowl-Shaped Aromatic Compounds. <i>Synlett</i> , 2013, 24, 1316-1321.	1.0	50
39	3-(Dialkoxyphosphoryl)-N-confused Phlorin and Porphyrin. Synthesis, Stereochemistry, and Coordination Properties. <i>Journal of Organic Chemistry</i> , 2013, 78, 1354-1364.	1.7	49
40	Reactivity of Mono-Meso-Substituted Iron(II) Octaethylporphyrin Complexes with Hydrogen Peroxide in the Absence of Dioxygen. Evidence for Nucleophilic Attack on the Heme. <i>Journal of the American Chemical Society</i> , 2001, 123, 11719-11727.	6.6	44
41	Conjugation Transmitted across a π -Electron Metallocene in Ferrocenothiaporphyrin Macrocycles. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7665-7669.	7.2	42
42	Carbocyclization approaches to electron-deficient nanographenes and their analogues. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2395-2414.	2.3	41
43	Regioselective Pyridination of m-Benzoporphyrin. <i>Organic Letters</i> , 2003, 5, 3379-3381.	2.4	40
44	Regioselective Internal Carbonylation of the 2-Aza-21-carbaporphyrin: Access to Configurationally Stable Chiral Porphyrinoids. <i>Journal of Organic Chemistry</i> , 2014, 79, 3129-3139.	1.7	40
45	Ruthenocenoporphyrinoids: Conformation Determines Macrocyclic Conjugation Transmitted Across a π -Electron Metallocene. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1044-1048.	7.2	37
46	Fully Conjugated [4]Chrysaorene. Redox-Coupled Anion Binding in a Tetraradicaloid Macrocycle. <i>Journal of the American Chemical Society</i> , 2018, 140, 14474-14480.	6.6	35
47	Stereocontrolled Synthesis of Chiral Heteroaromatic Propellers with Small Optical Bandgaps. <i>Angewandte Chemie</i> , 2019, 131, 4983-4987.	1.6	34
48	Aromatic Nanosandwich Obtained by π -Dimerization of a Nanographenoid π -Radical. <i>Journal of the American Chemical Society</i> , 2020, 142, 3626-3635.	6.6	34
49	5,10-Dimesityldiindeno[1,2- <i>a,c'</i> :2',1'- <i>b,d'</i>]phenanthrene: a stable biradicaloid derived from Chichibabin's hydrocarbon. <i>Chemical Science</i> , 2019, 10, 3413-3420.	3.7	33
50	Heteroaromatic Belts through Fold-in Synthesis: Mechanistic Insights into a Macrocyclic Templated Friedel-Crafts Alkylation. <i>Chemistry - A European Journal</i> , 2014, 20, 14981-14985.	1.7	32
51	Chrysaorenes: assembling coronoid hydrocarbons via the fold-in synthesis. <i>Chemical Communications</i> , 2015, 51, 15094-15097.	2.2	32
52	Core-Modified Porphyrin Incorporating a Phenolate Donor. Characterization of Pd(II), Ni(II), Zn(II), Cd(II), and Fe(III) Complexes. <i>Inorganic Chemistry</i> , 2003, 42, 6183-6193.	1.9	31
53	meso-Substituent Effects on the Geometric and Electronic Structures of High-Spin and Low-Spin Iron(III) Complexes of Mono-meso-Substituted Octaethylporphyrins. <i>Inorganic Chemistry</i> , 2002, 41, 989-997.	1.9	28
54	Reversible Carbon-Carbon Bond Breaking and Spin Equilibria in Bis(pyrimidinenorcorrole). <i>Angewandte Chemie</i> , 2016, 128, 13336-13340.	1.6	25

#	ARTICLE	IF	CITATIONS
55	Octulene: A Hyperbolic Molecular Belt that Binds Chloride Anions. <i>Angewandte Chemie</i> , 2016, 128, 14278-14282.	1.6	25
56	A Facile Synthesis of Cyclononatripyrroles. <i>Organic Letters</i> , 2007, 9, 4785-4787.	2.4	24
57	Anomalous Stereoselectivity in the Wittig Reaction: The Role of Steric Interactions. <i>Journal of Organic Chemistry</i> , 2013, 78, 9512-9516.	1.7	22
58	Helical Porphyrinoids: Incorporation of Ferrocene Subunits into Macrocyclic Structures. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2601-2611.	1.2	20
59	M ⁺ bius ⁺ H ₄ ckel topology switching in an expanded porphyrin cation radical as studied by EPR and ENDOR spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 6644-6652.	1.3	20
60	An Electron-Deficient Azacoronene Obtained by Radial π -Extension. <i>Angewandte Chemie</i> , 2016, 128, 14878-14882.	1.6	20
61	Electron-Deficient Bipyrrrole Boomerangs: Bright Fluorophores Obtained via Double C-H Bond Activation. <i>Chemistry - A European Journal</i> , 2018, 24, 7525-7530.	1.7	19
62	The effect of π -conjugation in the macrocyclic ring on the photophysical properties of a series of thiaacenoporphyrinoids. <i>Chemical Communications</i> , 2014, 50, 8367-8369.	2.2	18
63	Bis(N-confused Porphyrin) as a Semirigid Receptor with a Chirality Memory: A Two-Way Host Enantiomerization through Point-to-Axial Chirality Transfer. <i>Chemistry - A European Journal</i> , 2015, 21, 2547-2559.	1.7	16
64	Pyridine-Fused Bis(Norcorrole) through Hantzsch-Type Cyclization: Enhancement of Antiaromaticity by an Aromatic Bridge. <i>Angewandte Chemie</i> , 2017, 129, 10950-10954.	1.6	16
65	Porphyrin-Ryleneimide Hybrids: Tuning of Visible and Near-Infrared Absorption by Chromophore Desymmetrization. <i>Organic Letters</i> , 2020, 22, 7202-7207.	2.4	16
66	Feeding a Molecular Squid: A Pliable Nanocarbon Receptor for Electron-Poor Aromatics. <i>Journal of the American Chemical Society</i> , 2020, 142, 15604-15613.	6.6	16
67	Stereoselective Wittig Olefination as a Macrocyclization Tool. Synthesis of Large Carbazolophanes. <i>Journal of Organic Chemistry</i> , 2015, 80, 6300-6312.	1.7	15
68	Electrophilic Aromatic Coupling of Hexapyrrolylbenzenes. A Mechanistic Analysis. <i>Journal of Organic Chemistry</i> , 2020, 85, 187-194.	1.7	15
69	π -Extended Donor-Acceptor Porphyrins and Metalloporphyrins for Antimicrobial Photodynamic Inactivation. <i>Chemistry - A European Journal</i> , 2020, 26, 8262-8266.	1.7	15
70	An Open-Shell Coronoid with Hybrid Chichibabin-Schlenk Conjugation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22496-22504.	7.2	15
71	Pd-Induced Double C-H Bond Activation in Annulative Syntheses of Bipyrrrole Boomerangs: Mechanistic Insights from NMR Spectroscopy and Computation. <i>Journal of Organic Chemistry</i> , 2018, 83, 5199-5209.	1.7	13
72	Electrochemical Polymerization of Pyrrole-Perimidine Hybrids: Low-Band-Gap Materials with High n-Doping Activity. <i>Journal of Physical Chemistry C</i> , 2020, 124, 14350-14362.	1.5	13

#	ARTICLE	IF	CITATIONS
73	Simultaneous Detection of Circularly Polarized Luminescence and Raman Optical Activity in an Organic Molecular Lemniscate. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	13
74	An Aromatic Riddle: Decoupling Annulene Conjugation in Coronoid Macrocycles. <i>CheM</i> , 2018, 4, 1481-1483.	5.8	12
75	Synthesis of Bis(phenanthropyrroles) via a Tandem Scholl Oxidation. <i>Journal of Organic Chemistry</i> , 2013, 78, 1260-1265.	1.7	11
76	Ethynylene-linked Figure-Eight Octaphyrin(1.2.1.1.1.2.1.1): Synthesis and Characterization of Its Two Oxidation States. <i>Journal of Organic Chemistry</i> , 2017, 82, 8317-8322.	1.7	11
77	Protonation Dependent Topological Dichotomy of Core Modified Hexaphyrins: Synthesis, Characterization, and Excited State Dynamics. <i>Journal of Organic Chemistry</i> , 2017, 82, 556-566.	1.7	10
78	Nanopatterns of arylene-alkynylene squares on graphite: self-sorting and intercalation. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 1848-1855.	1.3	9
79	Helicity Modulation in NIR-Absorbing Porphyrin-Ryleneimides. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	9
80	Emerging applications of curved aromatic compounds. <i>Trends in Chemistry</i> , 2022, 4, 573-576.	4.4	9
81	Preservation of hemicellulose remnants in sedimentary organic matter. <i>Geochimica Et Cosmochimica Acta</i> , 2021, 310, 32-46.	1.6	8
82	Acenaphthylene-fused ullazines: fluorescent π -extended monopyrroles with tunable electronic gaps. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3179-3185.	2.3	8
83	Tetrazaaoctaphyrin \hat{A} — A biimidazole-containing expanded porphyrin. <i>Canadian Journal of Chemistry</i> , 2006, 84, 1218-1225.	0.6	6
84	Porphyrin-Ryleneimide Hybrids: Low-Bandgap Acceptors in Energy-Transfer Cassettes. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2854-2858.	1.7	6
85	Bipyrrole boomerangs via Pd-mediated tandem cyclization-oxygenation. Controlling reaction selectivity and electronic properties. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 895-903.	1.3	6
86	On-surface synthesis of a phenylene analogue of nonacene. <i>Chemical Communications</i> , 2022, 58, 4063-4066.	2.2	6
87	Naphthalimide-Fused Dipyrins: Tunable Halochromic Switches and Photothermal NIR-IR Dyes. <i>Advanced Science</i> , 2022, , 2105886.	5.6	6
88	1,3-Dipolar cycloaddition of polycyclic azomethine ylide to norcorroles: towards dibenzoullazine-fused derivatives. <i>Chemical Communications</i> , 2022, 58, 6510-6513.	2.2	5
89	Helicity Modulation in NIR-Absorbing Porphyrin-Ryleneimides. <i>Angewandte Chemie</i> , 0, , .	1.6	4
90	Mechanism of 3,4-diarylpyrrole electrooxidation. <i>Electrochimica Acta</i> , 2016, 200, 296-304.	2.6	3

#	ARTICLE	IF	CITATIONS
91	An Openâ€Shell Coronoid with Hybrid Chichibabinâ€Schlenk Conjugation. <i>Angewandte Chemie</i> , 2021, 133, 22670-22678.	1.6	3
92	Acenaphtho[1,2â€d][1,2,3]triazole and Its Kuratowski Complex. A Ĩâ€Extended Tecton for Supramolecular and Coordinative Selfâ€assembly. <i>Chemistry - A European Journal</i> , 2021, , .	1.7	2
93	Synthesis of a donorâ€acceptor heterodimer via trifunctional complete self-sorting. <i>Nature Communications</i> , 2022, 13, .	5.8	2
94	Simultaneous Detection of Circularly Polarized Luminescence and Raman Optical Activity in an Organic Molecular Lemniscate. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2
95	Benziporphyrins: Exploring Arene Chemistry in a Macrocyclic Environment. <i>ChemInform</i> , 2005, 36, no.	0.1	0
96	Inside Cover: Expanded Porphyrin with a Split Personality: A HÃ¼ckelâ€MÃ¶bius Aromaticity Switch (<i>Angew. Chem. Int. Ed.</i> 41/2007). <i>Angewandte Chemie - International Edition</i> , 2007, 46, 7716-7716.	7.2	0
97	RÃ¼cktitelbild: Stereocontrolled Synthesis of Chiral Heteroaromatic Propellers with Small Optical Bandgaps (<i>Angew. Chem.</i> 15/2019). <i>Angewandte Chemie</i> , 2019, 131, 5190-5190.	1.6	0