

Atsuhiko Osuka

List of Publications by Year in descending order

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913
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43,558
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2311

98
h-index

6979

154
g-index

1020
all docs

1020
docs citations

1020
times ranked

13324
citing authors

#	ARTICLE	IF	CITATIONS
1	Fully Conjugated Porphyrin Tapes with Electronic Absorption Bands That Reach into Infrared. <i>Science</i> , 2001, 293, 79-82.	6.0	907
2	Expanded Porphyrins: Intriguing Structures, Electronic Properties, and Reactivities. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4342-4373.	7.2	596
3	Conjugated porphyrin arrays: synthesis, properties and applications for functional materials. <i>Chemical Society Reviews</i> , 2015, 44, 943-969.	18.7	567
4	Discrete Cyclic Porphyrin Arrays as Artificial Light-Harvesting Antenna. <i>Accounts of Chemical Research</i> , 2009, 42, 1922-1934.	7.6	513
5	meso, meso-Linked Porphyrin Arrays. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 135-137.	4.4	412
6	Directly Linked Porphyrin Arrays with Tunable Excitonic Interactions. <i>Accounts of Chemical Research</i> , 2004, 37, 735-745.	7.6	402
7	Cyclic porphyrin arrays as artificial photosynthetic antenna: synthesis and excitation energy transfer. <i>Chemical Society Reviews</i> , 2007, 36, 831.	18.7	389
8	Chemistry of <i>meso</i> -Aryl-Substituted Expanded Porphyrins: Aromaticity and Molecular Twist. <i>Chemical Reviews</i> , 2017, 117, 2584-2640.	23.0	354
9	Confusion, inversion, and creation—a new spring from porphyrin chemistry. <i>Chemical Communications</i> , 2002, , 1795-1804.	2.2	353
10	Extremely Long, Discrete meso-meso-Coupled Porphyrin Arrays. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1458-1462.	7.2	348
11	meso-Aryl-Substituted Expanded Porphyrins. <i>Journal of the American Chemical Society</i> , 2001, 123, 7190-7191.	6.6	339
12	Metalation of Expanded Porphyrins: A Chemical Trigger Used To Produce Molecular Twisting and Möbius Aromaticity. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 681-684.	7.2	300
13	Möbius aromaticity and antiaromaticity in expanded porphyrins. <i>Nature Chemistry</i> , 2009, 1, 113-122.	6.6	282
14	Aromaticity and photophysical properties of various topology-controlled expanded porphyrins. <i>Chemical Society Reviews</i> , 2010, 39, 2751.	18.7	272
15	Synthesis of naphthalene-bridged porphyrin dimers and their orientation-dependent exciton coupling. <i>Journal of the American Chemical Society</i> , 1988, 110, 4454-4456.	6.6	269
16	Syntheses, Structural Characterizations, and Optical and Electrochemical Properties of Directly Fused Diporphyrins. <i>Journal of the American Chemical Society</i> , 2001, 123, 10304-10321.	6.6	262
17	Kinetically Blocked Stable Heptazethrene and Octazethrene: Closed-Shell or Open-Shell in the Ground State?. <i>Journal of the American Chemical Society</i> , 2012, 134, 14913-14922.	6.6	256
18	Doubly N-Confused Porphyrin: A New Complexing Agent Capable of Stabilizing Higher Oxidation States. <i>Journal of the American Chemical Society</i> , 2000, 122, 803-807.	6.6	253

#	ARTICLE	IF	CITATIONS
19	Unambiguous Identification of M ⁺ bius Aromaticity for <i>meso</i> -Aryl-Substituted [28]Hexaphyrins(1.1.1.1.1.1). <i>Journal of the American Chemical Society</i> , 2008, 130, 13568-13579.	6.6	244
20	A Quadruply Azulene-Fused Porphyrin with Intense Near-IR Absorption and a Large Two-Photon Absorption Cross Section. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 3944-3947.	7.2	243
21	Expanded porphyrins and aromaticity. <i>Chemical Communications</i> , 2011, 47, 4330.	2.2	241
22	Photophysical Properties of Long Rodlike Meso-Meso-Linked Zinc(II) Porphyrins Investigated by Time-Resolved Laser Spectroscopic Methods. <i>Journal of the American Chemical Society</i> , 2001, 123, 76-86.	6.6	235
23	Optically active single-walled carbon nanotubes. <i>Nature Nanotechnology</i> , 2007, 2, 361-365.	15.6	234
24	A Directly Fused Tetrameric Porphyrin Sheet and Its Anomalous Electronic Properties That Arise from the Planar Cyclooctatetraene Core. <i>Journal of the American Chemical Society</i> , 2006, 128, 4119-4127.	6.6	226
25	Photophysical Properties of Porphyrin Tapes. <i>Journal of the American Chemical Society</i> , 2002, 124, 14642-14654.	6.6	217
26	Tribenzosubporphines: Synthesis and Characterization. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 961-964.	7.2	215
27	Aromatic and Antiaromatic Gold(III) Hexaphyrins with Multiple Gold-Carbon Bonds. <i>Journal of the American Chemical Society</i> , 2005, 127, 8030-8031.	6.6	213
28	Synthesis and optical properties of conformationally constrained trimeric and pentameric porphyrin arrays. <i>Journal of the American Chemical Society</i> , 1990, 112, 3054-3059.	6.6	209
29	Relationship between Two-Photon Absorption and the π -Conjugation Pathway in Porphyrin Arrays through Dihedral Angle Control. <i>Journal of the American Chemical Society</i> , 2006, 128, 1700-1704.	6.6	204
30	meso-Aryl-Substituted Subporphyrins: Synthesis, Structures, and Large Substituent Effects on Their Electronic Properties. <i>Journal of the American Chemical Society</i> , 2007, 129, 4747-4761.	6.6	203
31	Fused porphyrinoids as promising near-infrared absorbing dyes. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2500.	2.7	193
32	Windmill-Like Porphyrin Arrays as Potent Light-Harvesting Antenna Complexes. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 3023-3027.	7.2	191
33	Intramolecular photoinduced charge separation and charge recombination of the product ion pair states of a series of fixed-distance dyads of porphyrins and quinones: energy gap and temperature dependences of the rate constants. <i>Journal of the American Chemical Society</i> , 1993, 115, 5665-5674.	6.6	187
34	Photophysical Properties of Directly Linked Linear Porphyrin Arrays. <i>Journal of Physical Chemistry A</i> , 2003, 107, 8791-8816.	1.1	185
35	Porphyrin Boxes Constructed by Homochiral Self-Sorting Assembly: Optical Separation, Exciton Coupling, and Efficient Excitation Energy Migration. <i>Journal of the American Chemical Society</i> , 2004, 126, 16187-16198.	6.6	183
36	Completely Fused Diporphyrins and Triporphyrin. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2549-2552.	7.2	182

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37	Highly Regioselective Ir-Catalyzed β -Borylation of Porphyrins via C-H Bond Activation and Construction of β - β -Linked Diporphyrin. <i>Journal of the American Chemical Society</i> , 2005, 127, 8264-8265.	6.6	181
38	Synthesis and Photoisomerization of Dithienylethene-Bridged Diporphyrins. <i>Journal of Organic Chemistry</i> , 2001, 66, 3913-3923.	1.7	179
39	A Porphyrin Nanobarrel That Encapsulates C ₆₀ . <i>Journal of the American Chemical Society</i> , 2010, 132, 16356-16357.	6.6	173
40	Subporphyrins: emerging contracted porphyrins with aromatic π -electronic systems and bowl-shaped structures: rational and unexpected synthetic routes. <i>Dalton Transactions</i> , 2008, , 2517.	1.6	172
41	β -N-Fused Porphyrin from N-Confused Porphyrin. <i>Journal of the American Chemical Society</i> , 1999, 121, 2945-2946.	6.6	171
42	NH Tautomerism of N-Confused Porphyrin. <i>Journal of the American Chemical Society</i> , 2001, 123, 6207-6208.	6.6	171
43	Nonlinear Optical Properties and Excited-State Dynamics of Highly Symmetric Expanded Porphyrins. <i>Journal of the American Chemical Society</i> , 2006, 128, 14128-14134.	6.6	171
44	Reversal of Hückel (anti)aromaticity in the lowest triplet states of hexaphyrins and spectroscopic evidence for Baird's rule. <i>Nature Chemistry</i> , 2015, 7, 418-422.	6.6	165
45	Doubly N-Confused Hexaphyrin: A Novel Aromatic Expanded Porphyrin that Complexes Bis-metals in the Core. <i>Journal of the American Chemical Society</i> , 2003, 125, 878-879.	6.6	162
46	Geometry dependence of intramolecular photoinduced electron transfer in synthetic zinc-ferric hybrid diporphyrins. <i>Journal of the American Chemical Society</i> , 1990, 112, 4958-4959.	6.6	159
47	Directly meso-meso Linked Porphyrin Rings: Synthesis, Characterization, and Efficient Excitation Energy Hopping. <i>Journal of the American Chemical Society</i> , 2005, 127, 236-246.	6.6	159
48	Synthesis and Biradicaloid Character of Doubly Linked Corrole Dimers. <i>Journal of the American Chemical Society</i> , 2006, 128, 12380-12381.	6.6	159
49	Metal-Free Approach to Biaryls from Phenols and Aryl Sulfoxides by Temporarily Sulfur-Tethered Regioselective C-H/C-H Coupling. <i>Journal of the American Chemical Society</i> , 2016, 138, 14582-14585.	6.6	157
50	Excitation Energy Transport Processes of Porphyrin Monomer, Dimer, Cyclic Trimer, and Hexamer Probed by Ultrafast Fluorescence Anisotropy Decay. <i>Journal of the American Chemical Society</i> , 2003, 125, 5849-5860.	6.6	154
51	1,2-Phenylene-bridged diporphyrin linked with porphyrin monomer and pyromellitimide as a model for a photosynthetic reaction center: synthesis and photoinduced charge separation. <i>Journal of the American Chemical Society</i> , 1993, 115, 4577-4589.	6.6	150
52	β -N-Fused Porphyrin: A New Tetrapyrrolic Porphyrinoid with a Fused Tri-pentacyclic Ring. <i>Journal of the American Chemical Society</i> , 2000, 122, 5748-5757.	6.6	149
53	Trans Doubly N-Confused Porphyrins: Cu(III) Complexation and Formation of Rodlike Hydrogen-Bonding Networks. <i>Journal of the American Chemical Society</i> , 2003, 125, 15690-15691.	6.6	149
54	Protonation-Triggered Conformational Changes to Möbius Aromatic [32]Heptaphyrins(1.1.1.1.1.1.1). <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9657-9660.	7.2	149

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55	Marriage of porphyrin chemistry with metal-catalysed reactions. <i>Chemical Communications</i> , 2009, , 1011.	2.2	147
56	Comparative Photophysics of [26]- and [28]Hexaphyrins(1.1.1.1.1): A Large Two-Photon Absorption Cross Section of Aromatic [26]Hexaphyrins(1.1.1.1.1). <i>Journal of the American Chemical Society</i> , 2005, 127, 12856-12861.	6.6	142
57	MÃbius Aromaticity in N-Fused [24]Pentaphyrin upon Rh(I) Metalation. <i>Journal of the American Chemical Society</i> , 2008, 130, 1824-1825.	6.6	139
58	Photochemistry of covalently-linked multi-porphyrinic systems. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2002, 3, 25-52.	5.6	136
59	A Dodecameric Porphyrin Wheel. <i>Journal of the American Chemical Society</i> , 2004, 126, 4468-4469.	6.6	134
60	Synthesis of Arylated Perylene Bisimides through C-H Bond Cleavage under Ruthenium Catalysis. <i>Organic Letters</i> , 2009, 11, 5426-5429.	2.4	133
61	meso-Trifluoromethyl-Substituted Expanded Porphyrins. <i>Chemistry - A European Journal</i> , 2006, 12, 4909-4918.	1.7	132
62	Completely Regioselective Synthesis of Directly Linked meso,meso and meso, β^2 Porphyrin Dimers by One-Pot Electrochemical Oxidation of Metalloporphyrins. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 176-179.	7.2	131
63	Control of Cu(II) and Cu(III) States in N-Confused Porphyrin by Protonation/Deprotonation at the Peripheral Nitrogen. <i>Journal of the American Chemical Society</i> , 2003, 125, 11822-11823.	6.6	130
64	Synthesis and Intramolecular Electron- and Energy-Transfer Reactions of Polyene- or Polyene-Bridged Diporphyrins. <i>Journal of Organic Chemistry</i> , 1995, 60, 7177-7185.	1.7	128
65	Large Two-Photon Absorption (TPA) Cross-Section of Directly Linked Fused Diporphyrins. <i>Journal of Physical Chemistry A</i> , 2005, 109, 2996-2999.	1.1	127
66	Metalation Chemistry of meso-âArylâSubstituted Expanded Porphyrins. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 1319-1335.	1.0	127
67	Peripheral Fabrications of a Bis-Gold(III) Complex of [26]Hexaphyrin(1.1.1.1.1) and Aromatic versus Antiaromatic Effect on Two-Photon Absorption Cross Section. <i>Journal of the American Chemical Society</i> , 2007, 129, 11344-11345.	6.6	126
68	Photoelectrochemical Properties of Doubly β^2 -Functionalized Porphyrin Sensitizers for Dye-Sensitized Nanocrystalline-TiO ₂ Solar Cells. <i>Journal of Physical Chemistry C</i> , 2008, 112, 16691-16699.	1.5	126
69	meso-meso- β^2 Porphyrine. <i>Angewandte Chemie</i> , 1997, 109, 93-95.	1.6	125
70	N-Confused Porphyrin-Bearing meso-Perfluorophenyl Groups: A Potential Agent That Forms Stable Square-Planar Complexes with Cu(II) and Ag(III). <i>Organic Letters</i> , 2003, 5, 1293-1296.	2.4	125
71	Platforms for Stable Carbon-Centered Radicals. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 8978-8986.	7.2	125
72	A Stepwise Electron-Transfer Relay Mimicking the Primary Charge Separation in Bacterial Photosynthetic Reaction Center. <i>Journal of the American Chemical Society</i> , 1996, 118, 155-168.	6.6	124

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73	Conjugation Enlargement Toward the Creation of Multi-Porphyrinic Systems with Large Two-Photon Absorption Properties. <i>Chemistry - an Asian Journal</i> , 2009, 4, 1172-1182.	1.7	124
74	A Self-Assembled Porphyrin Box from meso-meso-Linked Bis{5-p-pyridyl-15-(3,5-di-octyloxyphenyl)porphyrinato zinc(II)}. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2817-2821.	7.2	122
75	Internal Conversion and Vibronic Relaxation from Higher Excited Electronic State of Porphyrins: Femtosecond Fluorescence Dynamics Studies. <i>Journal of Physical Chemistry B</i> , 2000, 104, 4001-4004.	1.2	120
76	Palladium-Assisted Aromatic Metamorphosis of Dibenzothiophenes into Triphenylenes. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7162-7166.	7.2	120
77	Intramolecular Energy Transfer within Butadiyne-Linked Chlorophyll and Porphyrin Dimer-Faced, Self-Assembled Prisms. <i>Journal of the American Chemical Society</i> , 2008, 130, 4277-4284.	6.6	119
78	Doubly meso-Linked Diporphyrins from Oxidation of 5,10,15-Triaryl-Substituted Ni(II)- and Pd(II)-Porphyrins. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 558-561.	7.2	118
79	Regioselective Ru-Catalyzed Direct 2,5,8,11-Alkylation of Perylene Bisimides. <i>Chemistry - A European Journal</i> , 2009, 15, 7530-7533.	1.7	118
80	Möbius Antiaromatic Bisphosphorus Complexes of [30]Hexaphyrins. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4950-4954.	7.2	118
81	Subporphyrins: A Legitimate Ring-Contracted Porphyrin with Versatile Electronic and Optical Properties. <i>Bulletin of the Chemical Society of Japan</i> , 2011, 84, 679-697.	2.0	118
82	N-Confused Double-Decker Porphyrins. <i>Inorganic Chemistry</i> , 2000, 39, 5424-5425.	1.9	117
83	Protonated [4n] and [4n+2] Octaphyrins Choose Their Möbius/Hückel Aromatic Topology. <i>Journal of the American Chemical Society</i> , 2010, 132, 3105-3114.	6.6	116
84	N-Fused Pentaphyrin. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 619-621.	7.2	114
85	Efficient Excitation Energy Transfer in Long Meso-Meso Linked Zn(II) Porphyrin Arrays Bearing a 5,15-Bisphenylethynylated Zn(II) Porphyrin Acceptor. <i>Journal of the American Chemical Society</i> , 2003, 125, 9668-9681.	6.6	114
86	Positive Heterotropic Cooperativity for Selective Guest Binding via Electronic Communications through a Fused Zinc Porphyrin Array. <i>Journal of the American Chemical Society</i> , 2005, 127, 13086-13087.	6.6	113
87	High Fidelity Self-Sorting Assembling of meso-Cinchononimide Appended meso-meso-Linked Zn(II) Diporphyrins. <i>Journal of the American Chemical Society</i> , 2006, 128, 7670-7678.	6.6	111
88	Porphyrinoids as a platform of stable radicals. <i>Chemical Science</i> , 2018, 9, 1408-1423.	3.7	111
89	Singlet excitation energy transfer in conformationally restricted zinc-free-base hybrid diporphyrins. <i>Chemical Physics Letters</i> , 1990, 165, 392-396.	1.2	108
90	Ultrafast Energy Relaxation Dynamics of Directly Linked Porphyrin Arrays. <i>Journal of Physical Chemistry A</i> , 2000, 104, 3287-3298.	1.1	108

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91	Perfluorinated meso-Aryl-Substituted Expanded Porphyrins. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 78-82.	7.2	106
92	Flexible Inner and Outer Coordination of Zn(II) N-Confused Porphyrin Complex. <i>Journal of the American Chemical Society</i> , 2002, 124, 5622-5623.	6.6	105
93	Giant meso-meso-Linked Porphyrin Arrays of Micrometer Molecular Length and Their Fabrication. <i>Chemistry - A European Journal</i> , 2005, 11, 3389-3404.	1.7	105
94	Conformational Planarization versus Singlet Fission: Distinct Excited State Dynamics of Cyclooctatetraene-Fused Acene Dimers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 5438-5443.	7.2	103
95	Synthesis of meso-meso-Linked Hybrid Porphyrin Arrays by Pd-Catalyzed Cross-Coupling Reaction. <i>Organic Letters</i> , 2001, 3, 4213-4216.	2.4	102
96	Porphyrin Pincer Complexes: Peripherally Cyclometalated Porphyrins and Their Catalytic Activities Controlled by Central Metals. <i>Journal of the American Chemical Society</i> , 2007, 129, 6392-6393.	6.6	102
97	Thermal Splitting of Bis-Cu(II) Octaphyrin(1.1.1.1.1.1.1.1) into Two Cu(II) Porphyrins. <i>Journal of the American Chemical Society</i> , 2004, 126, 3046-3047.	6.6	101
98	Prominent Electron Transport Property Observed for Triply Fused Metalloporphyrin Dimer: Directed Columnar Liquid Crystalline Assembly by Amphiphilic Molecular Design. <i>Journal of the American Chemical Society</i> , 2008, 130, 13812-13813.	6.6	101
99	Synthesis of Brominated Directly Fused Diporphyrins through Gold(III)-Mediated Oxidation. <i>Organic Letters</i> , 2006, 8, 4141-4144.	2.4	100
100	Improved Optical Enrichment of SWNTs through Extraction with Chiral Nanotweezers of 2,6-Pyridylene-Bridged Diporphyrins. <i>Journal of the American Chemical Society</i> , 2007, 129, 15947-15953.	6.6	100
101	First Unequivocal Observation of the Whole Bell-Shaped Energy Gap Law in Intramolecular Charge Separation from S ₂ Excited State of Directly Linked Porphyrin ² -Imide Dyads and Its Solvent-Polarity Dependencies. <i>Journal of the American Chemical Society</i> , 2001, 123, 12422-12423.	6.6	99
102	Cyclic 2,12-Porphyrinylene Nanorings as a Porphyrin Analogue of Cycloparaphenylenes. <i>Journal of the American Chemical Society</i> , 2015, 137, 2219-2222.	6.6	97
103	Excitonic Interactions in the Singlet and Triplet Excited States of Covalently Linked Zinc Porphyrin Dimers. <i>Journal of the American Chemical Society</i> , 2000, 122, 1749-1757.	6.6	96
104	Aromatic versus Antiaromatic Effect on Photophysical Properties of Conformationally Locked <i>trans</i> -Vinylene-Bridged Hexaphyrins. <i>Journal of the American Chemical Society</i> , 2009, 131, 7360-7367.	6.6	96
105	Synthesis of Doubly \hat{I}^2 -to- \hat{I}^2 1,3-Butadiyne-Bridged Diporphyrins: Enforced Planar Structures and Large Two-Photon Absorption Cross Sections. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5125-5128.	7.2	95
106	Neutral Radical and Singlet Biradical Forms of Meso-Free, -Keto, and -Diketo Hexaphyrins(1.1.1.1.1.1): Effects on Aromaticity and Photophysical Properties. <i>Journal of the American Chemical Society</i> , 2011, 133, 15533-15544.	6.6	95
107	A Stable Radical Species from Facile Oxygenation of meso-Free 5,10,20,25-Tetrakis(pentafluorophenyl)-Substituted [26]Hexaphyrin(1.1.1.1.1.1). <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9661-9665.	7.2	94
108	Oxyindolophyrin: A Novel Fluoride Receptor Derived from N-Confused Corrole Isomer. <i>Journal of the American Chemical Society</i> , 2001, 123, 6435-6436.	6.6	93

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109	Facile Formation of a Benzopyrane-Fused [28]Hexaphyrin That Exhibits Distinct Möbius Aromaticity. <i>Journal of the American Chemical Society</i> , 2009, 131, 7240-7241.	6.6	93
110	Various strategies for highly-efficient two-photon absorption in porphyrin arrays. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2008, 9, 13-28.	5.6	92
111	Modified Windmill Porphyrin Arrays: Coupled Light-Harvesting and Charge Separation, Conformational Relaxation in the S1 State, and S2-S2 Energy Transfer. <i>Chemistry - A European Journal</i> , 2001, 7, 3134-3151.	1.7	91
112	Planar Subporphyrin Borenium Cations. <i>Journal of the American Chemical Society</i> , 2011, 133, 11956-11959.	6.6	91
113	Metal Complexes of an N-Confused Calix[4]phyrin Derivative—The First X-ray Structure of an Organometallic Compound of Divalent Copper. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2323-2325.	7.2	90
114	Cross-Bridging Reaction of 5,20-Diethynyl Substituted Hexaphyrins to Vinylene-Bridged Hexaphyrins. <i>Journal of the American Chemical Society</i> , 2007, 129, 464-465.	6.6	90
115	Photophysics of <i>meso-meso</i> Doubly Linked Ni(II) Porphyrin Arrays: Large Two-Photon Absorption Cross-Section and Fast Energy Relaxation Dynamics. <i>Journal of the American Chemical Society</i> , 2007, 129, 10080-10081.	6.6	90
116	Giant Porphyrin Wheels with Large Electronic Coupling as Models of Light-Harvesting Photosynthetic Antenna. <i>Chemistry - A European Journal</i> , 2006, 12, 1319-1327.	1.7	88
117	Ultrafast Charge Separation from the S2 Excited State of Directly Linked Porphyrin-Imide Dyads: First Unequivocal Observation of the Whole Bell-Shaped Energy-Gap Law and Its Solvent Dependencies. <i>Journal of Physical Chemistry A</i> , 2002, 106, 12191-12201.	1.1	87
118	Synthesis of a Tetrabenzotetraaza[8]circulene by a α -Fold-In Oxidative Fusion Reaction. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10639-10642.	7.2	87
119	A 1,2-Phenylene-Bridged Porphyrin Dimer—Synthesis, Properties, and Molecular Structure. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 582-584.	4.4	86
120	Excited-State Energy Transfer Processes in Phenylene- and Biphenylene-Linked and Directly-Linked Zinc(II) and Free-Base Hybrid Diporphyrins. <i>Journal of Physical Chemistry A</i> , 2001, 105, 4200-4210.	1.1	86
121	Adlayer Structure of and Electrochemical O2 Reduction on Cobalt Porphine-Modified and Cobalt Octaethylporphyrin-Modified Au(111) in HClO4. <i>Journal of Physical Chemistry B</i> , 2004, 108, 1948-1954.	1.2	86
122	Theoretical Study of Stability, Structures, and Aromaticity of Multiply N-Confused Porphyrins. <i>Journal of Organic Chemistry</i> , 2001, 66, 8563-8572.	1.7	85
123	Biscopper Complexes of <i>meso</i> -Aryl-Substituted Hexaphyrin: Gable Structures and Varying Antiferromagnetic Coupling. <i>Journal of the American Chemical Society</i> , 2004, 126, 12280-12281.	6.6	85
124	Temperature-Dependent Conformational Change of <i>meso</i> -Hexakis(pentafluorophenyl) [28]Hexaphyrins(1.1.1.1.1.1) into Möbius Structures. <i>Journal of Physical Chemistry A</i> , 2009, 113, 4498-4506.	1.1	85
125	Excitation relaxation of zinc and free-base porphyrin probed by femtosecond fluorescence spectroscopy. <i>Chemical Physics Letters</i> , 1999, 309, 177-182.	1.2	84
126	Ring size selective synthesis of <i>meso</i> -aryl expanded porphyrins. <i>Tetrahedron Letters</i> , 2003, 44, 2505-2507.	0.7	84

#	ARTICLE	IF	CITATIONS
127	Group 10 Metal Complexes of meso-Aryl-Substituted [26]Hexaphyrins with a Metal-Carbon Bond. <i>Inorganic Chemistry</i> , 2005, 44, 4127-4129.	1.9	84
128	Oxidative Fusion Reactions of meso-(Diarylamino)porphyrins. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 9728-9732.	7.2	84
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#	ARTICLE	IF	CITATIONS
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