

Dongho Kim

List of Publications by Year in descending order

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453
papers

23,692
citations

5876

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docs citations

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times ranked

16073
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-formed grain boundary healing layer for highly efficient CH ₃ NH ₃ PbI ₃ perovskite solar cells. <i>Nature Energy</i> , 2016, 1, .	19.8	902
2	Highly efficient and stable InP/ZnSe/ZnS quantum dot light-emitting diodes. <i>Nature</i> , 2019, 575, 634-638.	13.7	802
3	Discrete Cyclic Porphyrin Arrays as Artificial Light-Harvesting Antenna. <i>Accounts of Chemical Research</i> , 2009, 42, 1922-1934.	7.6	513
4	Potassium Incorporation for Enhanced Performance and Stability of Fully Inorganic Cesium Lead Halide Perovskite Solar Cells. <i>Nano Letters</i> , 2017, 17, 2028-2033.	4.5	463
5	Photovoltaic Cells Using Composite Nanoclusters of Porphyrins and Fullerenes with Gold Nanoparticles. <i>Journal of the American Chemical Society</i> , 2005, 127, 1216-1228.	6.6	454
6	Directly Linked Porphyrin Arrays with Tunable Excitonic Interactions. <i>Accounts of Chemical Research</i> , 2004, 37, 735-745.	7.6	402
7	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
8	Möbius aromaticity and antiaromaticity in expanded porphyrins. <i>Nature Chemistry</i> , 2009, 1, 113-122.	6.6	282
9	Aromaticity and photophysical properties of various topology-controlled expanded porphyrins. <i>Chemical Society Reviews</i> , 2010, 39, 2751.	18.7	272
10	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
11	Unambiguous Identification of Möbius 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
12	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
13	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
14	Stable Tetrabenzo-Chichibabin's Hydrocarbons: Tunable Ground State and Unusual Transition between Their Closed-Shell and Open-Shell Resonance Forms. <i>Journal of the American Chemical Society</i> , 2012, 134, 14513-14525.	6.6	218
15	Photophysical Properties of Porphyrin Tapes. <i>Journal of the American Chemical Society</i> , 2002, 124, 14642-14654.	6.6	217
16	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
17	Excitation energy transfer in multiporphyrin arrays with cyclic architectures: towards artificial light-harvesting antenna complexes. <i>Chemical Society Reviews</i> , 2012, 41, 4808.	18.7	194
18	Photophysical Properties of Directly Linked Linear Porphyrin Arrays. <i>Journal of Physical Chemistry A</i> , 2003, 107, 8791-8816.	1.1	185

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19	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
20	Bright and Uniform Green Light Emitting InP/ZnSe/ZnS Quantum Dots for Wide Color Gamut Displays. <i>ACS Applied Nano Materials</i> , 2019, 2, 1496-1504.	2.4	177
21	Enhancement of Light-Energy Conversion Efficiency by Multi-Porphyrin Arrays of Porphyrin-peptide Oligomers with Fullerene Clusters. <i>Journal of Physical Chemistry B</i> , 2005, 109, 19-23.	1.2	175
22	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
23	Pushing Extended <i>p</i> -Quinodimethanes to the Limit: Stable Tetracyano-oligo(<i>N</i> -annulated) Tj ETQq1 1 0.784314 rgBT /Ove	6.6	170
24	Unveiling the Crystal Formation of Cesium Lead Mixed-Halide Perovskites for Efficient and Stable Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2936-2940.	2.1	169
25	Dibenzoheptazethrene Isomers with Different Biradical Characters: An Exercise of Clar's Aromatic Sextet Rule in Singlet Biradicaloids. <i>Journal of the American Chemical Society</i> , 2013, 135, 18229-18236.	6.6	167
26	Exciton delocalization and dynamics in helical π -stacks of self-assembled perylene bisimides. <i>Chemical Science</i> , 2013, 4, 388-397.	3.7	167
27	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
28	In-Situ Formed Type I Nanocrystalline Perovskite Film for Highly Efficient Light-Emitting Diode. <i>ACS Nano</i> , 2017, 11, 3311-3319.	7.3	161
29	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
30	Mesomorphic Organization and Thermochromic Luminescence of Dicyanodistyrylbenzene-Based Phasmodic Molecular Disks: Uniaxially Aligned Hexagonal Columnar Liquid Crystals at Room Temperature with Enhanced Fluorescence Emission and Semiconductivity. <i>Advanced Functional Materials</i> , 2012, 22, 61-69.	7.8	159
31	All-inorganic CsPbI ₃ Perovskite Phase Stabilized by Poly(ethylene oxide) for Red-Emitting Diodes. <i>Advanced Functional Materials</i> , 2018, 28, 1706401.	7.8	156
32	Control and Switching of Aromaticity in Various All-Aza-Expanded Porphyrins: Spectroscopic and Theoretical Analyses. <i>Chemical Reviews</i> , 2017, 117, 2257-2312.	23.0	155
33	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
34	Organic solar cells. Supramolecular composites of porphyrins and fullerenes organized by polypeptide structures as light harvesters. <i>Journal of Materials Chemistry</i> , 2007, 17, 4160.	6.7	153
35	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
36	Direct observation of ultrafast coherent exciton dynamics in helical π -stacks of self-assembled perylene bisimides. <i>Nature Communications</i> , 2015, 6, 8646.	5.8	148

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37	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
38	Composition-Dependent Hot Carrier Relaxation Dynamics in Cesium Lead Halide (CsPbX ₃), <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 1410-1414.	7.2	141
39	Möbius 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
40	Spectroscopic Demonstration of Exciton Dynamics and Excimer Formation in a Sterically Controlled Perylene Bisimide Dimer Aggregate. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 3601-3607.	2.1	139
41	A Dodecameric Porphyrin Wheel. <i>Journal of the American Chemical Society</i> , 2004, 126, 4468-4469.	6.6	134
42	The photophysical properties of expanded porphyrins: relationships between aromaticity, molecular geometry and non-linear optical properties. <i>Chemical Communications</i> , 2008, , 261-273.	2.2	131
43	Donor-Substituted β -Functionalized Porphyrin Dyes on Hierarchically Structured Mesoporous TiO ₂ Spheres. Highly Efficient Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2011, 115, 19343-19354.	1.5	130
44	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
45	Ion-Controlled On/Off Switch of Electron Transfer from Tetrathiafulvalene Calix[4]pyrroles to Li ⁺ @C ₆₀ . <i>Journal of the American Chemical Society</i> , 2011, 133, 15938-15941.	6.6	125
46	π -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
47	Direct Observation of Excimer-Mediated Intramolecular Electron Transfer in a Cofacially-Stacked Perylene Bisimide Pair. <i>Journal of the American Chemical Society</i> , 2016, 138, 9029-9032.	6.6	124
48	Protonation-coupled redox reactions in planar antiaromatic meso-pentafluorophenyl-substituted o-phenylene-bridged annulated rosarins. <i>Nature Chemistry</i> , 2013, 5, 15-20.	6.6	119
49	Möbius Antiaromatic Bisphosphorus Complexes of [30]Hexaphyrins. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4950-4954.	7.2	118
50	Defining Spectroscopic Features of Heteroannulenic Antiaromatic Porphyrinoids. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 895-900.	2.1	117
51	Protonated [4 <i>n</i>] and [4 <i>n</i> +2] Octaphyrins Choose Their Möbius/Hückel Aromatic Topology. <i>Journal of the American Chemical Society</i> , 2010, 132, 3105-3114.	6.6	116
52	Synthesis and Excited-State Photodynamics of a Molecular Square Containing Four Mutually Coplanar Porphyrins. <i>Journal of Organic Chemistry</i> , 1998, 63, 5042-5049.	1.7	115
53	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
54	High Fidelity Self-Sorting Assembling of meso-Cinchomeronimide Appended meso-meso Linked Zn(II) Diporphyrins. <i>Journal of the American Chemical Society</i> , 2006, 128, 7670-7678.	6.6	111

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55	Macrocyclic Polyradicaloids with Unusual Super-ring Structure and Global Aromaticity. <i>CheM</i> , 2018, 4, 1586-1595.	5.8	110
56	Direct Spectroscopic Observation of Interligand Energy Transfer in Cyclometalated Heteroleptic Iridium(III) Complexes: A Strategy for Phosphorescence Color Tuning and White Light Generation. <i>Journal of Physical Chemistry C</i> , 2007, 111, 4052-4060.	1.5	107
57	Stacked antiaromatic porphyrins. <i>Nature Communications</i> , 2016, 7, 13620.	5.8	105
58	Azabuckybowl-Based Molecular Tweezers as C ₆₀ and C ₇₀ Receptors. <i>Journal of the American Chemical Society</i> , 2018, 140, 6336-6342.	6.6	104
59	Toward Tetraradicaloid: The Effect of Fusion Mode on Radical Character and Chemical Reactivity. <i>Journal of the American Chemical Society</i> , 2016, 138, 1065-1077.	6.6	103
60	Ultrafast Exciton Delocalization, Localization, and Excimer Formation Dynamics in a Highly Defined Perylene Bisimide Quadruple π -Stack. <i>Journal of the American Chemical Society</i> , 2018, 140, 4253-4258.	6.6	101
61	3D global aromaticity in a fully conjugated diradicaloid cage at different oxidation states. <i>Nature Chemistry</i> , 2020, 12, 242-248.	6.6	101
62	A Diradical Approach towards BODIPY-Based Dyes with Intense Near-Infrared Absorption around $\lambda = 1100$ nm. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2815-2819.	7.2	100
63	Efficient Multiexciton State Generation in Charge-Transfer-Coupled Perylene Bisimide Dimers via Structural Control. <i>Journal of the American Chemical Society</i> , 2020, 142, 7845-7857.	6.6	99
64	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
65	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
66	Synthesis of Doubly β -to- β 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
67	Neutral Radical and Singlet Biradical Forms of Meso-Free, -Keto, and -Diketo Hexaphyrins(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
68	Efficient Ruddlesden-Popper Perovskite Light-Emitting Diodes with Randomly Oriented Nanocrystals. <i>Advanced Functional Materials</i> , 2019, 29, 1901225.	7.8	95
69	A Stable Radical Species from Facile Oxygenation of meso-Free 5,10,20,25-Tetrakis(pentafluorophenyl)substituted [26]Hexaphyrin(1.1.1.1.1). <i>Angewandte Chemie - International Edition</i> , 2008, 47, 9661-9665.	7.2	94
70	Tetracyanoquaterylene and Tetracyanohexarylenequinodimethanes with Tunable Ground States and Strong Near-Infrared Absorption. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8561-8565.	7.2	94
71	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
72	Push-Pull Type Oligo(<i>N</i> -annulated perylene)quinodimethanes: Chain Length and Solvent-Dependent Ground States and Physical Properties. <i>Journal of the American Chemical Society</i> , 2015, 137, 8572-8583.	6.6	93

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73	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
74	Photophysics of <i>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
75	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
76	Synthesis of a Tetrabenzotetraaza[8]circulene by a Fold-Oxidative Fusion Reaction. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10639-10642.	7.2	87
77	Energetics of Baird aromaticity supported by inversion of photoexcited chiral [4n]annulene derivatives. <i>Nature Communications</i> , 2017, 8, 346.	5.8	86
78	Temperature-Dependent Conformational Change of <i>meso</i> -Hexakis(pentafluorophenyl) [28]Hexaphyrins(1.1.1.1.1.1) into M π bius Structures. <i>Journal of Physical Chemistry A</i> , 2009, 113, 4498-4506.	1.1	85
79	Spectroscopic Diagnosis of Excited-State Aromaticity: Capturing Electronic Structures and Conformations upon Aromaticity Reversal. <i>Accounts of Chemical Research</i> , 2018, 51, 1349-1358.	7.6	85
80	Two-Dimensionally Extended Porphyrin Tapes: Synthesis and Shape-Dependent Two-Photon Absorption Properties. <i>Chemistry - A European Journal</i> , 2008, 14, 8279-8289.	1.7	83
81	A Stable Non-Kekulé Singlet Biradicaloid from <i>meso</i> -Free 5,10,20,25-Tetrakis(Pentafluorophenyl)-Substituted [26]Hexaphyrin(1.1.1.1.1.1). <i>Journal of the American Chemical Society</i> , 2010, 132, 7246-7247.	6.6	83
82	Octulene: A Hyperbolic Molecular Belt that Binds Chloride Anions. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 14072-14076.	7.2	82
83	Excitation-Energy Migration in Self-Assembled Cyclic Zinc(II)-Porphyrin Arrays: A Close Mimicry of a Natural Light-Harvesting System. <i>Chemistry - A European Journal</i> , 2005, 11, 3753-3761.	1.7	81
84	A New Entry to Doubly N-Confused [26]Hexaphyrins(1.1.1.1.1.1) from Normal [26]Hexaphyrins(1.1.1.1.1.1) through an Unprecedented Double Pyrrolic Rearrangement. <i>Chemistry - A European Journal</i> , 2006, 12, 1754-1759.	1.7	79
85	Unusual Interchromophoric Interactions in \hat{I}^2, \hat{I}^2 Directly and Doubly Linked Corrole Dimers: Prohibited Electronic Communication and Abnormal Singlet Ground States. <i>Journal of the American Chemical Society</i> , 2009, 131, 6412-6420.	6.6	79
86	Synthesis of Carbazole-Containing Porphyrinoids by a Multiple Annulation Strategy: A Core-Modified and Expanded Porphyrin. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5691-5694.	7.2	79
87	Nonlinear Optical Properties as a Guide to Aromaticity in Congeneric Pentapyrrolic Expanded Porphyrins: Pentaphyrin, Sapphyrin, Isosmaragdyrin, and Orangarin. <i>Journal of the American Chemical Society</i> , 2008, 130, 6930-6931.	6.6	77
88	Cyclo[<i>m</i>]pyridine[<i>n</i>]pyrroles: Hybrid Macrocycles That Display Expanded π -Conjugation upon Protonation. <i>Journal of the American Chemical Society</i> , 2012, 134, 4076-4079.	6.6	76
89	A boronic acid-functionalized phthalocyanine with an aggregation-enhanced photodynamic effect for combating antibiotic-resistant bacteria. <i>Chemical Science</i> , 2020, 11, 5735-5739.	3.7	75
90	Oriented Grains with Preferred Low-Angle Grain Boundaries in Halide Perovskite Films by Pressure-Induced Crystallization. <i>Advanced Energy Materials</i> , 2018, 8, 1702369.	10.2	74

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91	Inverted Sapphyrin: A New Family of Doubly N-Confused Expanded Porphyrins. Journal of the American Chemical Society, 2006, 128, 12640-12641.	6.6	73
92	Three-dimensional aromaticity in an antiaromatic cyclophane. Nature Communications, 2019, 10, 3576.	5.8	73
93	Ion-Regulated Allosteric Binding of Fullerenes (C ₆₀ and C ₇₀) by Tetrathiafulvalene-Calix[4]pyrroles. Journal of the American Chemical Society, 2014, 136, 10410-10417.	6.6	72
94	Bicyclic Baird-type aromaticity. Nature Chemistry, 2017, 9, 1243-1248.	6.6	71
95	Halide Perovskite Nanopillar Photodetector. ACS Nano, 2018, 12, 8564-8571.	7.3	70
96	Triarylporphyrin <i>meso</i> -Oxy Radicals: Remarkable Chemical Stabilities and Oxidation to Oxophlorin I ⁺ -Cations. Journal of the American Chemical Society, 2015, 137, 15584-15594.	6.6	67
97	Synthesis and Properties of Hybrid Porphyrin Tapes. Chemistry - A European Journal, 2011, 17, 14400-14412.	1.7	65
98	Perylene Bisimide Radicals and Biradicals: Synthesis and Molecular Properties. Angewandte Chemie - International Edition, 2015, 54, 13980-13984.	7.2	65
99	Three-Dimensional Fully Conjugated Carbaporphyrin Cage. Journal of the American Chemical Society, 2018, 140, 16455-16459.	6.6	65
100	<i>meso</i> - <i>meso</i> Linked Porphyrin-[26]Hexaphyrin Porphyrin Hybrid Arrays and Their Triply Linked Tapes Exhibiting Strong Absorption Bands in the NIR Region. Journal of the American Chemical Society, 2015, 137, 2097-2106.	6.6	64
101	Fluorenyl Based Macrocyclic Polyradicaloids. Journal of the American Chemical Society, 2017, 139, 13173-13183.	6.6	64
102	Highly planar diarylamine-fused porphyrins and their remarkably stable radical cations. Chemical Science, 2017, 8, 189-199.	3.7	64
103	Antiaromatic bisindeno-[n]thienoacenes with small singlet biradical characters: syntheses, structures and chain length dependent physical properties. Chemical Science, 2014, 5, 4490-4503.	3.7	62
104	Porphyrin-hexaphyrin hybrid tapes. Chemical Science, 2011, 2, 1414.	3.7	61
105	Porphyrin Arch-Tapes: Synthesis, Contorted Structures, and Full Conjugation. Journal of the American Chemical Society, 2017, 139, 9075-9088.	6.6	61
106	Highly Efficient Plastic Crystal Ionic Conductors for Solid-state Dye-sensitized Solar Cells. Scientific Reports, 2013, 3, 3520.	1.6	60
107	Flattened Calixarene-like Cyclic BODIPY Array: A New Photosynthetic Antenna Model. Journal of the American Chemical Society, 2017, 139, 13950-13956.	6.6	59
108	Surface 2D/Bulk 3D Heterophased Perovskite Nanograins for Long-Term Stable Light-Emitting Diodes. Advanced Materials, 2020, 32, e1905674.	11.1	59

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109	Porphyrins Fused with Strongly Electron-Donating 1,3-Dithiol-2-ylidene Moieties: Redox Control by Metal Cation Complexation and Anion Binding. <i>Journal of the American Chemical Society</i> , 2013, 135, 10852-10862.	6.6	58
110	Bis-rhodium hexaphyrins: metalation of [28]hexaphyrin and a smooth Hückel aromatic \leftrightarrow antiaromatic interconversion. <i>Chemical Communications</i> , 2009, , 3762.	2.2	57
111	meso-Hydroxysubporphyrins: A Cyclic Trimeric Assembly and a Stable meso-Oxy Radical. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6613-6617.	7.2	57
112	Versatile Photophysical Properties of <i>meso</i> -Aryl-Substituted Subporphyrins: Dipolar and Octupolar Charge-Transfer Interactions. <i>Chemistry - A European Journal</i> , 2009, 15, 12005-12017.	1.7	56
113	Pd ^{II} Complexes of [44]- and [46]Decaphyrins: The Largest Hückel Aromatic and Antiaromatic, and Möbius Aromatic Macrocycles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13169-13173.	7.2	56
114	Modulation of Symmetry-Breaking Intramolecular Charge-Transfer Dynamics Assisted by Pendant Side Chains in π -Linkers in Quadrupolar Diketopyrrolopyrrole Derivatives. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 3060-3066.	2.1	56
115	A Stable Organic Radical Delocalized on a Highly Twisted π -System Formed Upon Palladium Metalation of a Möbius Aromatic Hexaphyrin. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 1489-1491.	7.2	55
116	A Hybrid Macrocycle with a Pyridine Subunit Displays Aromatic Character upon Uranyl Cation Complexation. <i>Journal of the American Chemical Society</i> , 2014, 136, 4281-4286.	6.6	54
117	Guest-Induced Photophysical Property Switching of Artificial Light-Harvesting Dendrimers. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6925-6928.	7.2	54
118	Hetero Cu(III)-Pd(II) Complex of a Dibenzo[<i>g</i>], [<i>p</i>]chrysene-Fused Bis-dicarbacorrole with Stable Organic Radical Character. <i>Journal of the American Chemical Society</i> , 2017, 139, 15232-15238.	6.6	54
119	Transient absorption anisotropy study of ultrafast energy transfer in porphyrin monomer, its direct meso-meso coupled dimer and trimer. <i>Journal of Chemical Physics</i> , 2001, 114, 6750-6758.	1.2	53
120	Thermal Fusion Reactions of <i>meso</i> -(3-thienyl) Groups in [26]Hexaphyrins to Produce Möbius Aromatic Molecules. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 6687-6690.	7.2	53
121	Stable π -Radical from a Contracted Doubly π -Confused Hexaphyrin by Double Palladium Metalation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7323-7327.	7.2	53
122	Switching between Aromatic and Antiaromatic 1,3-Phenylene-Strapped [26]- and [28]Hexaphyrins upon Passage to the Singlet Excited State. <i>Journal of the American Chemical Society</i> , 2015, 137, 11856-11859.	6.6	53
123	Spontaneous Formation of an Air-Stable Radical upon the Direct Fusion of Diphenylmethane to a Triarylporphyrin. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8711-8714.	7.2	53
124	Characterization of Ultrafast Intramolecular Charge Transfer Dynamics in Pyrenyl Derivatives: Systematic Change of the Number of Peripheral <i>N,N</i> -Dimethylaniline Substituents. <i>Journal of Physical Chemistry Letters</i> , 2011, 2, 818-823.	2.1	52
125	Excitation energy migration in covalently linked perylene bisimide macrocycles. <i>Chemical Science</i> , 2012, 3, 2778.	3.7	52
126	Fused Corrole Dimers Interconvert between Nonaromatic and Aromatic States through Two-Electron Redox Reactions. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3107-3111.	7.2	52

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