

Naoki Aratani

List of Publications by Year in descending order

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251
papers

13,609
citations

36488

51
h-index

25900

108
g-index

288
all docs

288
docs citations

288
times ranked

11333
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrahigh Porosity in Metal-Organic Frameworks. <i>Science</i> , 2010, 329, 424-428.	12.8	3,306
2	Discrete Cyclic Porphyrin Arrays as Artificial Light-Harvesting Antenna. <i>Accounts of Chemical Research</i> , 2009, 42, 1922-1934.	16.1	513
3	Cyclic porphyrin arrays as artificial photosynthetic antenna: synthesis and excitation energy transfer. <i>Chemical Society Reviews</i> , 2007, 36, 831.	39.2	389
4	Extremely Long, Discrete meso-meso-Coupled Porphyrin Arrays. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 1458-1462.	14.2	348
5	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.	14.2	300
6	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.	14.2	256
7	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.	14.2	235
8	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.	14.2	226
9	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.	14.2	204
10	A Porphyrin Nanobarrel That Encapsulates C_{60} . <i>Journal of the American Chemical Society</i> , 2010, 132, 16356-16357.	14.2	173
11	Directly meso-meso Linked Porphyrin Rings: A Synthesis, Characterization, and Efficient Excitation Energy Hopping. <i>Journal of the American Chemical Society</i> , 2005, 127, 236-246.	14.2	159
12	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.	14.2	154
13	Synthesis, Structure, and Air-Stable N-Type Field-Effect Transistor Behaviors of Functionalized Octaazanonacene β ,19-dione. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6292-6296.	14.2	143
14	Photochemistry of covalently-linked multi-porphyrinic systems. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2002, 3, 25-52.	11.9	136
15	A Dodecameric Porphyrin Wheel. <i>Journal of the American Chemical Society</i> , 2004, 126, 4468-4469.	14.2	134
16	meso-Trifluoromethyl-Substituted Expanded Porphyrins. <i>Chemistry - A European Journal</i> , 2006, 12, 4909-4918.	3.4	132
17	Large Two-Photon Absorption (TPA) Cross-Section of Directly Linked Fused Diporphyrins. <i>Journal of Physical Chemistry A</i> , 2005, 109, 2996-2999.	2.5	127
18	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.	3.4	124

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19	Rylene Ribbons with Unusual Diradical Character. <i>CheM</i> , 2017, 2, 81-92.	12.0	116
20	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.	14.2	114
21	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.	14.2	111
22	Macrocyclic Polyradicaloids with Unusual Super-ring Structure and Global Aromaticity. <i>CheM</i> , 2018, 4, 1586-1595.	12.0	110
23	Giant meso-meso-Linked Porphyrin Arrays of Micrometer Molecular Length and Their Fabrication. <i>Chemistry - A European Journal</i> , 2005, 11, 3389-3404.	3.4	105
24	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.	14.2	103
25	Synthesis of meso-meso Linked Hybrid Porphyrin Arrays by Pd-Catalyzed Cross-Coupling Reaction. <i>Organic Letters</i> , 2001, 3, 4213-4216.	4.8	102
26	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.	14.2	101
27	Synthesis of Brominated Directly Fused Diporphyrins through Gold(III)-Mediated Oxidation. <i>Organic Letters</i> , 2006, 8, 4141-4144.	4.8	100
28	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.	14.2	100
29	Switching charge-transfer characteristics from p-type to n-type through molecular doping (co-crystallization). <i>Chemical Science</i> , 2016, 7, 3851-3856.	7.6	89
30	Giant Porphyrin Wheels with Large Electronic Coupling as Models of Light-Harvesting Photosynthetic Antenna. <i>Chemistry - A European Journal</i> , 2006, 12, 1319-1327.	3.4	88
31	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.	2.5	86
32	Two-Dimensionally Extended Porphyrin Tapes: Synthesis and Shape-Dependent Two-Photon Absorption Properties. <i>Chemistry - A European Journal</i> , 2008, 14, 8279-8289.	3.4	83
33	Synthesis of Extremely Extended Porphyrin Tapes from Hybrid meso-meso Linked Porphyrin Arrays: An Approach Towards the Conjugation Length. <i>Chemistry - an Asian Journal</i> , 2009, 4, 1248-1256.	3.4	83
34	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.	14.2	79
35	Pyrene-Containing Twistarene: Twelve Benzene Rings Fused in a Row. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13555-13559.	14.2	76
36	Electrical Conduction through Linear Porphyrin Arrays. <i>Journal of the American Chemical Society</i> , 2003, 125, 11062-11064.	14.2	75

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37	Chiral self-discriminative self-assembling of meso-meso linked diporphyrins. <i>Coordination Chemistry Reviews</i> , 2007, 251, 2743-2752.	19.3	75
38	Metal-Dependent Regioselective Oxidative Coupling of 5,10,15-Triarylporphyrins with DDQ-Sc(OTf) ₃ and Formation of an Oxo-quinoidal Porphyrin. <i>Organic Letters</i> , 2003, 5, 2079-2082.	4.8	70
39	A New Strategy for Construction of Covalently Linked Giant Porphyrin Arrays with One, Two, and Three Dimensionally Arranged Architectures. <i>Bulletin of the Chemical Society of Japan</i> , 2001, 74, 1361-1379.	3.3	67
40	Synthesis and Properties of Hybrid Porphyrin Tapes. <i>Chemistry - A European Journal</i> , 2011, 17, 14400-14412.	3.4	65
41	Rewritable Multilevel Memory Performance of a Tetraazatetracene Donor-Acceptor Derivative with Good Endurance. <i>Chemistry - an Asian Journal</i> , 2015, 10, 116-119.	3.4	65
42	2,5-Thienylene-Bridged Triangular and Linear Porphyrin Trimers. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 6004-6007.	14.2	61
43	Directly Pd(II)-Bridged Porphyrin Belts with Remarkable Curvatures. <i>Journal of the American Chemical Society</i> , 2010, 132, 11868-11869.	14.2	61
44	Porphyrin-hexaphyrin hybrid tapes. <i>Chemical Science</i> , 2011, 2, 1414.	7.6	61
45	Zn-Shaped Pentaleno-Acene Dimers with High Stability and Small Band Gap. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2693-2696.	14.2	59
46	Bis-rhodium hexaphyrins: metalation of [28]hexaphyrin and a smooth Hückel aromatic-antiaromatic interconversion. <i>Chemical Communications</i> , 2009, , 3762.	4.2	57
47	Enhancement of External Quantum Efficiency of Red Phosphorescent Organic Light-Emitting Devices with Facially Encumbered and Bulky Pt(II) Porphyrin Complexes. <i>Advanced Functional Materials</i> , 2006, 16, 515-519.	15.1	56
48	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.	14.2	55
49	Effective meso Fabrications of Subporphyrins. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 5593-5597.	14.2	54
50	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.	3.1	53
51	Crystallization-Induced Emission of Azobenzene Derivatives. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14173-14178.	14.2	53
52	Excitation Energy Migration Processes in Cyclic Porphyrin Arrays Probed by Single Molecule Spectroscopy. <i>Journal of the American Chemical Society</i> , 2008, 130, 1879-1884.	14.2	50
53	Length and temperature dependence of electrical conduction through dithiolated porphyrin arrays. <i>Chemical Physics Letters</i> , 2005, 412, 303-306.	2.6	48
54	Poly(zinc(ii)-5,15-porphyrinylene) from silver(i)-promoted oxidation of zinc(ii)-5,15-diarylporphyrins. <i>Chemical Communications</i> , 2000, , 197-198.	4.2	47

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55	Synthesis of Nanometer-Scale Porphyrin Wheels of Variable Size. <i>Chemistry - A European Journal</i> , 2008, 14, 582-595.	3.4	46
56	<i>meso</i> -Triaryl-Substituted Smaragdyrins: Facile Aromaticity Switching. <i>Journal of the American Chemical Society</i> , 2018, 140, 16553-16559.	14.2	46
57	Synthesis and characterizations of free base and Cu(II) complex of a porphyrin sheet. <i>Tetrahedron</i> , 2008, 64, 11433-11439.	2.0	45
58	Benzo[4,5]cyclohepta[1,2-b]fluorene: an isomeric motif for pentacene containing linearly fused five-, six- and seven-membered rings. <i>Chemical Science</i> , 2016, 7, 6176-6181.	7.6	45
59	Directly linked porphyrin arrays. <i>Chemical Record</i> , 2003, 3, 225-234.	5.9	43
60	Synthesis of Doubly Strapped <i>meso</i> -Linked Porphyrin Arrays and Triply Linked Conjugated Porphyrin Tapes. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3193-3204.	2.4	43
61	The Importance of a $\hat{\Gamma}^2$ - $\hat{\Gamma}^2$ Bond for Long-Range Antiferromagnetic Coupling in Directly Linked Copper(II) and Silver(II) Diporphyrins. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6899-6901.	14.2	41
62	Excitation Energy Migration in A Dodecameric Porphyrin Wheel. <i>Journal of Physical Chemistry B</i> , 2005, 109, 8643-8651.	2.7	41
63	Diprotonated [28]Hexaphyrins(1.1.1.1.1.1): Triangular Antiaromatic Macrocycles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 3427-3431.	14.2	41
64	Exploration of Giant Functional Porphyrin Arrays. <i>Bulletin of the Chemical Society of Japan</i> , 2015, 88, 1-27.	3.3	41
65	Ground and excited states of linked and fused zinc porphyrin dimers: Symmetry adapted cluster (SAC) configuration interaction (CI) study. <i>Journal of Chemical Physics</i> , 2002, 117, 11196-11207.	3.1	40
66	Small bandgap in atomically precise 17-atom-wide armchair-edged graphene nanoribbons. <i>Communications Materials</i> , 2020, 1, .	7.0	40
67	Structural Factors Determining Photophysical Properties of Directly Linked Zinc(II) Porphyrin Dimers: Linking Position, Dihedral Angle, and Linkage Length. <i>Journal of Physical Chemistry B</i> , 2009, 113, 10619-10627.	2.7	39
68	Porphyrin "Lego Block" Strategy To Construct Directly <i>meso</i> - $\hat{\Gamma}^2$ Doubly Linked Porphyrin Rings. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3617-3620.	14.2	39
69	A $\hat{\Gamma}^2$ -to- $\hat{\Gamma}^2$ 2,5-thienylene-bridged cyclic porphyrin tetramer: its rational synthesis and 100% binding mode with C60. <i>Chemical Science</i> , 2011, 2, 748.	7.6	39
70	Directly Linked Corrole Oligomers via Facile Oxidative $\text{C}^3\text{-C}^2$ Coupling Reaction. <i>Bulletin of the Chemical Society of Japan</i> , 2012, 85, 558-562.	3.3	39
71	Synthesis of a Porphyrin(2.1.2.1) Nanobelt and Its Ability To Bind Fullerene. <i>Organic Letters</i> , 2019, 21, 2069-2072.	4.8	39
72	Monodisperse Giant Porphyrin Arrays. <i>Macromolecular Rapid Communications</i> , 2001, 22, 725-740.	4.0	37

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73	Experimental and Theoretical Investigations of Surface-Assisted Graphene Nanoribbon Synthesis Featuring Carbon-Fluorine Bond Cleavage. ACS Nano, 2017, 11, 6204-6210.	14.9	37
74	Discrete Giant Porphyrin Arrays: Challenges to Molecular Size, Length and the Extent of Electronic π -Conjugation. Synlett, 2001, 2001, 1663-1674.	1.8	36
75	Single-Molecule Spectroscopic Investigation of Energy Migration Processes in Cyclic Porphyrin Arrays. Journal of the American Chemical Society, 2007, 129, 3539-3544.	14.2	36
76	Hexaphyrin Fused to Two Anthracenes. Angewandte Chemie - International Edition, 2012, 51, 9856-9859.	14.2	36
77	Understanding the structure-determining solid fluorescence of an azaacene derivative. Journal of Materials Chemistry C, 2017, 5, 8869-8874.	5.5	35
78	Single Molecule Spectroscopic Investigation on Conformational Heterogeneity of Directly Linked Zinc(II) Porphyrin Arrays. Journal of the American Chemical Society, 2005, 127, 15201-15206.	14.2	34
79	Effect of Conformational Heterogeneity on Excitation Energy Transfer Efficiency in Directly meso-meso Linked Zn(II) Porphyrin Arrays. Journal of Physical Chemistry B, 2005, 109, 11223-11230.	2.7	33
80	Structural Dependence on Excitation Energy Migration Processes in Artificial Light Harvesting Cyclic Zinc(II) Porphyrin Arrays. Journal of Physical Chemistry B, 2009, 113, 15074-15082.	2.7	33
81	<i>meso</i> -Trifluoromethyl-substituted Subporphyrin from Ring-splitting Reaction of <i>meso</i> -Trifluoromethyl-substituted [32]Heptaphyrin(1.1.1.1.1.1). Chemistry Letters, 2010, 39, 439-441.	1.4	33
82	Direct comparison of a covalently-linked dyad and a 1:1 mixture of tetrabenzoporphyrin and fullerene as organic photovoltaic materials. Chemical Communications, 2014, 50, 10379.	4.2	33
83	Experimental and Theoretical Investigations into the Paratropic Ring Current of a Porphyrin Sheet. Chemistry - an Asian Journal, 2007, 2, 860-866.	3.4	32
84	<i>meso</i> -Cyclopentadienyliron(II)-[14]Triphyrin(2.1.1) Sandwich Compounds: Synthesis, Characterization, and Stable Redox Interconversion. Angewandte Chemie - International Edition, 2013, 52, 7306-7309.	14.2	32
85	Strategic Synthesis of 2,6-Pyridylene-Bridged P^2 Porphyrin Nanorings through Cross-Coupling. Chemistry - A European Journal, 2010, 16, 3009-3012.	3.4	31
86	Synthesis and properties of boron complexes of [14]triphyrins(2.1.1). Chemical Communications, 2013, 49, 8955.	4.2	31
87	Aromatic-Antiaromatic Switching in Triply Linked Porphyrin Bis(rhodium(I)) Hexaphyrin Hybrids. Chemistry - an Asian Journal, 2012, 7, 889-893.	3.4	30
88	Exploration of electronically interactive cyclic porphyrin arrays. Journal of Organometallic Chemistry, 2007, 692, 148-155.	1.9	29
89	Rearrangements of a [36]Octaphyrin Triggered by Nickel(II) Metalation: Metamorphosis to a Directly meso-meso Linked Diporphyrin. Angewandte Chemie - International Edition, 2011, 50, 11460-11464.	14.2	29
90	Side-chain engineering in a thermal precursor approach for efficient photocurrent generation. Journal of Materials Chemistry A, 2017, 5, 14003-14011.	10.4	29

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91	Excitonic Coupling Strength and Coherence Length in the Singlet and Triplet Excited States of meso-meso Directly Linked Zn(II)porphyrin Arrays. <i>ChemPhysChem</i> , 2004, 5, 57-67.	2.1	28
92	Tetrabenzoperipentacene: Stable Five-Electron Donating Ability and a Discrete Triple-Layered Graphite Form in the Solid State. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8175-8178.	14.2	28
93	Full Characterization and Photoelectrochemical Behavior of Pyrene-fused Octaazadecacene and Tetrazaaoctacene. <i>Chemistry - an Asian Journal</i> , 2016, 11, 482-485.	3.4	28
94	An Anomalous Antiaromaticity That Arises from the Cycloheptatrienyl Anion Equivalent. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4508-4511.	2.4	28
95	Perturbation of Electronic States and Energy Relaxation Dynamics in a Series of Phenylene Bridged ZnII Porphyrin Dimers. <i>Journal of Physical Chemistry C</i> , 2007, 111, 14881-14888.	3.2	27
96	Pyrrrole-Bridged Porphyrin Nanorings. <i>Chemistry - A European Journal</i> , 2010, 16, 13320-13324.	3.4	27
97	Pyrene-Containing Twistarene: Twelve Benzene Rings Fused in a Row. <i>Angewandte Chemie</i> , 2018, 130, 13743-13747.	2.0	27
98	Palladium-Catalyzed Dimerization of <i>meso</i> -Bromoporphyrins: Highly Regioselective <i>meso</i> -Coupling through Unprecedented Remote C-H Bond Cleavage. <i>Chemistry - A European Journal</i> , 2009, 15, 12208-12211.	3.4	26
99	An Optically and Thermally Switchable Electronic Structure Based on an Anthracene-BODIPY Conjugate. <i>Chemistry - A European Journal</i> , 2015, 21, 4966-4974.	3.4	26
100	Synthesis and Metalation of Doubly <i>o</i> -Phenylene-Bridged Cyclic Bis(dipyrrin)s with Highly Bent Skeleton of Dibenzoporphyrin(2.1.2.1). <i>Chemistry - A European Journal</i> , 2016, 22, 10671-10678.	3.4	26
101	A Diradical Approach towards BODIPY-Based Dyes with Intense Near-Infrared Absorption around $\lambda = 1100$ nm. <i>Angewandte Chemie</i> , 2016, 128, 2865-2869.	2.0	26
102	Synthesis and Morphological Control of Organic Semiconducting Materials Using the Precursor Approach. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 1234-1267.	3.3	26
103	On-surface synthesis and characterization of nitrogen-substituted undecacenes. <i>Nature Communications</i> , 2022, 13, 511.	13.0	26
104	A meso-meso directly linked octameric porphyrin square. <i>Chemical Communications</i> , 2008, , 4067.	4.2	25
105	Synthesis of A ₂ B ₆ -Type [36]Octaphyrins: Copper(II)-Metalation-Induced Fragmentation Reactions to Porphyrins and <i>N</i> -Fusion Reactions of <i>meso</i> -(3-thienyl) Substituents. <i>Chemistry - an Asian Journal</i> , 2012, 7, 1340-1346.	3.4	25
106	Fluorescence Dynamics of Directly Meso-Meso Linked Porphyrin Rings Probed by Single Molecule Spectroscopy. <i>Journal of the American Chemical Society</i> , 2009, 131, 1488-1494.	14.2	24
107	Meso-Meso Doubly Linked Zn(II) Porphyrin Trimers: Distinct anti-versus-syn Effects on Their Photophysical Properties. <i>Organic Letters</i> , 2009, 11, 3080-3083.	4.8	24
108	Rapid Intramolecular Hole Hopping in meso-meso and meta-Phenylene Linked Linear and Cyclic Multiporphyrin Arrays. <i>Journal of the American Chemical Society</i> , 2010, 132, 1383-1388.	14.2	24

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109	Facile Synthesis of <i>meso</i> -Arylamino- and Alkylaminosubporphyrins. Chemistry - A European Journal, 2012, 18, 8929-8933.	3.4	24
110	Fusing N-heteroacene analogues into one "kinked" molecule with slipped two-dimensional ladder-like packing. Chemical Science, 2016, 7, 1309-1313.	7.6	24
111	Resonance Raman Spectroscopic Investigation of Directly Linked Zinc(II) Porphyrin Linear Arrays. Journal of Physical Chemistry A, 2002, 106, 2359-2368.	2.5	23
112	Determination of the Superradiance Coherence Length of Directly Linked Linear Porphyrin Arrays at the Single-Molecule Level. Angewandte Chemie - International Edition, 2009, 48, 4323-4327.	14.2	23
113	1 Synthetic Strategies Toward Multiporphyrinic Architectures. Handbook of Porphyrin Science, 2010, , 1-132.	0.8	23
114	Möbius Aromatic [28]Hexaphyrin Phosphonium Adducts. Chemistry - A European Journal, 2011, 17, 9028-9031.	3.4	23
115	Rational Synthesis of A ₂ B-type <i>meso</i> -Triarylsupporphyrins. Organic Letters, 2012, 14, 2694-2697.	4.8	23
116	Synthesis and Characterization of an Iridium Triphyrin Complex. Inorganic Chemistry, 2016, 55, 10106-10109.	4.2	23
117	Observation of Quantum Coherence for Recurrence Motion of Exciton in Anthracene Dimers in Solution. Journal of the American Chemical Society, 2003, 125, 7192-7193.	14.2	22
118	Synthesis and characterization of fully conjugated porphyrin tapes. Israel Journal of Chemistry, 2005, 45, 293-302.	2.4	22
119	Electrical transport properties and their reproducibility for linear porphyrin arrays. Materials Science and Engineering C, 2006, 26, 1023-1027.	7.3	22
120	An Electron-Deficient Porphyrin Tape. Chemistry - an Asian Journal, 2012, 7, 1811-1816.	3.4	22
121	A 1,3-Phenylene-Bridged Hexameric Porphyrin Wheel and Efficient Excitation Energy Transfer along the Wheel. Chemistry - A European Journal, 2013, 19, 13328-13336.	3.4	22
122	Quantum-Chemical Investigation of the Electroabsorption Spectra of Directly Meso-Meso-Linked Porphyrin Arrays: An Essential Role of Charge-Transfer Excited States Accidentally Overlapping with Soret Bands. Journal of Physical Chemistry A, 2005, 109, 703-713.	2.5	21
123	Directly linked dehydropurpurin porphyrin dyads from Ag(I)-promoted oxidation of meso-phenylethynyl substituted zinc(II) porphyrins. Chemical Communications, 2001, , 1920-1921.	4.2	20
124	Oxidative direct coupling of metalloporphyrins. Journal of Porphyrins and Phthalocyanines, 2003, 07, 264-269.	0.9	20
125	Synthesis of a diimidazolylporphyrin pincer palladium complex. Journal of Porphyrins and Phthalocyanines, 2011, 15, 534-538.	0.9	20
126	Direct meso-Alkynylation of Porphyrins Doubly Assisted by Pyridyl Coordination. Organic Letters, 2012, 14, 2778-2781.	4.8	20

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127	A <i>meso</i> -Spiro[Cyclopentadiene-Isoporphyrin] from a Phenylethynyl Porphyrin Platinum(II) Pincer Complex. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3174-3177.	14.2	20
128	A soluble bispentacenequinone precursor for creation of directly 6,6-linked bispentacenes and a tetracyanobispentacenequinodimethane. <i>RSC Advances</i> , 2013, 3, 15310.	3.7	19
129	Semiconducting π -Extended Tetrathiafulvalene Derivatives. <i>Chemistry - A European Journal</i> , 2018, 24, 18601-18612.	3.4	19
130	Excitation Energy Migration in Multiporphyrin Arrays. <i>Bulletin of the Korean Chemical Society</i> , 2005, 26, 19-31.	2.0	19
131	STM images of individual porphyrin hexamers; <i>meso</i> - <i>meso</i> singly linked orthogonal hexamer and <i>meso</i> - <i>meso</i> , β - β , β - β triply-linked planar hexamer on Cu(100) surface. <i>Chemical Communications</i> , 2003, 4, 2986-2987.	4.2	18
132	Aromaticity Relocation in Perylene Derivatives upon Two-Electron Oxidation To Form Anthracene and Phenanthrene. <i>Chemistry - A European Journal</i> , 2016, 22, 14462-14466.	3.4	18
133	β - β 2,5-Pyrrolylene-Linked Cyclic Porphyrin Oligomers. <i>Chemistry - A European Journal</i> , 2016, 22, 8801-8804.	3.4	18
134	Crystallization-Induced Emission of Azobenzene Derivatives. <i>Angewandte Chemie</i> , 2019, 131, 14311-14316.	2.0	18
135	Observation of Coherent Recurrence Motion of Excitons in Anthracene Dimers. <i>Bulletin of the Chemical Society of Japan</i> , 2004, 77, 1959-1971.	3.3	17
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