

Hiroyuki Furuta

List of Publications by Year in descending order

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315
papers

13,487
citations

23567

58
h-index

34986

98
g-index

348
all docs

348
docs citations

348
times ranked

5139
citing authors

#	ARTICLE	IF	CITATIONS
1	Creation from Confusion and Fusion in the Porphyrin Worldâ€”The Last Three Decades of N-Confused Porphyrinoid Chemistry. <i>Chemical Reviews</i> , 2022, 122, 8313-8437.	47.7	48
2	Solving world problems with pyrrole: 65th birthday tribute to Prof. Jonathan L. Sessler. <i>CheM</i> , 2022, 8, 587-598.	11.7	0
3	A Highly Fluorescent Î¶-Bonded Platinum(II) Diketopyrrolopyrrole Complex. <i>European Journal of Inorganic Chemistry</i> , 2022, 2022, .	2.0	1
4	Benzoâ€”tetrathiafulvaleneâ€”(BTTFâ€”) Annulated Expanded Porphyrins: Potential Nextâ€”Generation Multielectron Reservoirs. <i>Chemistry - A European Journal</i> , 2021, 27, 4466-4472.	3.3	3
5	Ruthenium(IV) N-confused porphyrin 1/4-oxo-bridged dimers: acid-responsive molecular rotors. <i>RSC Advances</i> , 2021, 11, 24575-24579.	3.6	2
6	An Electronâ€”Accepting azaâ€”BODIPYâ€”Based Donorâ€”Acceptorâ€”Donor Architecture for Bright NIR Emission. <i>Chemistry - A European Journal</i> , 2021, 27, 5259-5267.	3.3	33
7	Chiral Interlocked Corrole Dimers Directly Linked at Inner Carbon Atoms of Confused Pyrrole Rings. <i>Chemistry - an Asian Journal</i> , 2021, 16, 743-747.	3.3	3
8	Solvent-Controlled Self-Assembled Oligopyrrolic Receptor. <i>Molecules</i> , 2021, 26, 1771.	3.8	2
9	Heptacene: Synthesis and Its Holeâ€”Transfer Property in Stable Thin Films. <i>Chemistry - A European Journal</i> , 2021, 27, 10677-10684.	3.3	12
10	Metal complexes of 5,10,15-tris(pentafluorophenyl)-20-pyrrolyl N-confused porphyrin and its meso-pyrrolyl-bridged dimers: Synthesis and optical properties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021, 25, 447-455.	0.8	3
11	Iridium Complex of Nâ€”Fused Bilatrienone: Oxidative Cleavage of Nâ€”Fused Porphyrin Induced by Iridiumâ€”Cyclooctadiene Complexation. <i>Chemistry - A European Journal</i> , 2021, 27, 8268-8272.	3.3	5
12	N-Confused Metalloporroles: Synthesis, Redox Properties, and Catalytic Activities. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 745-745.	0.0	0
13	Janus Pyrrolopyrrole Azaâ€”dipyrrin: Hydrogenâ€”Bonded Assemblies and Slow Magnetic Relaxation of the Cobalt(II) Complex in the Solid State. <i>Chemistry - A European Journal</i> , 2021, 27, 12686-12692.	3.3	2
14	Synthesis and Characterization of N-Fused Porphyrin Rhodium Complex with an Isomerized Cyclooctadiene Ligand. <i>Chemistry Letters</i> , 2021, 50, 1707-1709.	1.3	4
15	Oxidative nitration reaction of antiaromatic 5,15-dioxaporphyrin. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 355-361.	0.8	11
16	Bis-palladium(II) complex of doubly N-confused octaphyrin(1.1.1.1.1.1.1.1): MÃ¶bius aromaticity and chiroptical properties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 416-423.	0.8	11
17	Nâ€”Confused Phlorinâ€”Prodigiousin Chimera: <i>meso</i> -Aryl Oxidation and Î¶â€”Extension Triggered by Peripheral Coordination. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1537-1541.	13.8	32
18	Nâ€”Confused Phlorinâ€”Prodigiousin Chimera: <i>meso</i> -Aryl Oxidation and Î¶â€”Extension Triggered by Peripheral Coordination. <i>Angewandte Chemie</i> , 2020, 132, 1553-1557.	2.0	2

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19	Expanded N-Confused Phlorin: A Platform for a Multiply Fused Polycyclic Ring System via Oxidation within the Macrocyclic. <i>Journal of the American Chemical Society</i> , 2020, 142, 17195-17205.	13.7	23
20	TTF-Annulated Silicon Phthalocyanine Oligomers and Their External-Field-Responsive Orientational Ordering. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22721-22730.	13.8	7
21	TTF-Annulated Silicon Phthalocyanine Oligomers and Their External-Field-Responsive Orientational Ordering. <i>Angewandte Chemie</i> , 2020, 132, 22910-22918.	2.0	2
22	Near-infrared absorbing pyrrolopyrrole aza-BODIPY-based donor-acceptor polymers with reasonable photoresponse. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8770-8776.	5.5	19
23	Synthesis, Photophysical Properties and Computational Studies of beta-Substituted Porphyrin Dyads. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2015-2028.	3.3	8
24	Copper 1,19-Diazadipicdicarbocorrole: A Corrole Analogue with an N-N Linkage Stabilizes a Ground-State Singlet Organocopper Species. <i>Angewandte Chemie</i> , 2020, 132, 16031-16035.	2.0	0
25	Near-Infrared-Absorbing and -Emitting Dyes: Energy-Gap Engineering of Expanded Porphyrinoids via Metallation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 16161-16166.	13.8	20
26	Fundamental Study on Arsenic(III) Halides (AsX ₃ ; X = Br, I) toward the Construction of C ₃ -Symmetrical Monodentate Arsenic Ligands. <i>Inorganic Chemistry</i> , 2020, 59, 9587-9593.	4.0	23
27	Near-Infrared-Absorbing and -Emitting Dyes: Energy-Gap Engineering of Expanded Porphyrinoids via Metallation. <i>Angewandte Chemie</i> , 2020, 132, 16295-16300.	2.0	5
28	NH Tautomerism of N-Confused Porphyrin: Solvent/Substituent Effects and Isomerization Mechanism. <i>Journal of Physical Chemistry A</i> , 2020, 124, 5756-5769.	2.5	14
29	Synthesis of Helically Extended N-Confused Porphyrin Dimer via meso-Bipyrrole-Bridge with Near-Infrared Absorption Capability. <i>Chemistry - A European Journal</i> , 2020, 26, 13590-13594.	3.3	18
30	Synthesis of a Black Dye with Absorption Capabilities Across the Visible-to-Near-Infrared Region: A MO-Mixing Approach via Heterometal Coordination of Expanded Porphyrinoid. <i>Journal of the American Chemical Society</i> , 2020, 142, 6807-6813.	13.7	40
31	Preface "Special Issue in Honor of Professor Atsuhiko Osuka. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, i.	0.8	0
32	Bis-Metal Complexes of Doubly N-Confused Dioxohexaphyrins as Potential Near-Infrared-II Photoacoustic Dyes. <i>Journal of the American Chemical Society</i> , 2020, 142, 4429-4437.	13.7	46
33	Tripyrrin-armed isosmaragdyrins: synthesis, heterodinuclear coordination, and protonation-triggered helical inversion. <i>Chemical Science</i> , 2020, 11, 2790-2795.	7.4	19
34	Tungsten(VI) Complex of N-Fused Porphyrin Absorbing Near-Infrared Light beyond 1000 nm. <i>Chemistry - an Asian Journal</i> , 2020, 15, 748-752.	3.3	8
35	Rational design of pyrrolopyrrole-aza-BODIPY-based acceptor-donor-acceptor triads for organic photovoltaics application. <i>Chemical Communications</i> , 2020, 56, 2975-2978.	4.1	35
36	Subphthalocyanine-Stoppered [2]Rotaxanes: Synthesis and Size/Energy Threshold of Slippage. <i>Organic Letters</i> , 2020, 22, 1096-1101.	4.6	6

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37	Regioselectively 1- and 2-alkynylated BODIPY dyes via gold(I)-catalyzed direct C-H functionalization and their photophysical properties. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 587-595.	2.2	8
38	Copper 1,19-Diaza-21,24-dicarbacorrole: A Corrole Analogue with an N-N Linkage Stabilizes a Ground-State Singlet Organocopper Species. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15897-15901.	13.8	11
39	Dibenzoarsepins: Planarization of 8-Electron System in the Lowest Singlet Excited State. <i>Angewandte Chemie</i> , 2019, 131, 11812-11816.	2.0	15
40	Efficient Electrogenerated Chemiluminescence of Pyrrolopyrrole Aza-BODIPYs in the Near-Infrared Region with Tripropylamine: Involving Formation of S ₂ and T ₂ States. <i>Journal of the American Chemical Society</i> , 2019, 141, 11791-11795.	13.7	34
41	Dibenzoarsepins: Planarization of 8-Electron System in the Lowest Singlet Excited State. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11686-11690.	13.8	38
42	Ruthenium Confused Porphyrins: Selective Reactivity for Ambident 2-Heteroatom-Substituted Pyridines Serving as Axial Ligands. <i>ChemPlusChem</i> , 2019, 84, 603-607.	2.8	8
43	N-Confused Porphyrin-aza-Dipyrrin Chimera: A Versatile Metal Coordination Ligand Using its Unique NH Tautomerism. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1697-1702.	3.3	16
44	Phosphorescent rhenium-dipyrrinates: efficient photosensitizers for singlet oxygen generation. <i>Dalton Transactions</i> , 2019, 48, 2467-2478.	3.3	27
45	N-Fused Porphyrin: A Maverick Member of the Porphyrin Family. <i>Chemistry Letters</i> , 2019, 48, 615-622.	1.3	25
46	Bis(1,3-dithiol-2-ylidene)-Substituted Subtriazachlorin: A Subphthalocyanine Analogue with Redox Properties. <i>Angewandte Chemie</i> , 2019, 131, 11091-11095.	2.0	4
47	Bis(1,3-dithiol-2-ylidene)-Substituted Subtriazachlorin: A Subphthalocyanine Analogue with Redox Properties. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10975-10979.	13.8	10
48	Pyrrolopyrrole Aza-BODIPY Analogues as Near-Infrared Chromophores and Fluorophores: Red-Shift Effects of Substituents on Absorption and Emission Spectra. <i>ChemPlusChem</i> , 2019, 84, 1648-1652.	2.8	18
49	Oligomerization of a modular ribozyme assembly of which is controlled by a programmable RNA-RNA interface between two structural modules. <i>Journal of Bioscience and Bioengineering</i> , 2019, 128, 410-415.	2.2	9
50	Skeletal Rearrangement of Twisted Thia-Norhexaphyrin: Multiply Annulated Polypyrrolic Aromatic Macrocycles. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5925-5929.	13.8	26
51	Regioselectively Halogenated Expanded Porphyrinoids as Building Blocks for Constructing Porphyrinoid Heterodyads with Tunable Energy Transfer. <i>Journal of the American Chemical Society</i> , 2019, 141, 5294-5302.	13.7	38
52	Skeletal Rearrangement of Twisted Thia-Norhexaphyrin: Multiply Annulated Polypyrrolic Aromatic Macrocycles. <i>Angewandte Chemie</i> , 2019, 131, 5986-5990.	2.0	4
53	Hierarchical Hybrid Metal-Organic Frameworks: Tuning the Visible/Near-Infrared Optical Properties by a Combination of Porphyrin and Its Isomer Units. <i>Inorganic Chemistry</i> , 2019, 58, 4647-4656.	4.0	16
54	1,3-Dithiole-2-one-Fused Subphthalocyanine and Subporphyrazine: Synthesis and Properties Arising from the 1,3-Dithiole-2-one Units. <i>Organic Letters</i> , 2019, 21, 3103-3107.	4.6	17

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55	Doubly N-Confused Calix[6]phyrin Bis-Organopalladium Complexes: Photostable Triplet Sensitizers for Singlet Oxygen Generation. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1729-1736.	3.3	14
56	Planar Antiaromatic Core-Modified 24 π Hexaphyrin(1.0.1.0.1.0) and 32 π Octaphyrin(1.0.1.0.1.0.1.0) Bearing Alternate Hybrid Diheterole Units. <i>Chemistry - A European Journal</i> , 2019, 25, 2859-2867.	3.3	11
57	Bis-copper(II) Complex of Triply-Linked Corrole Dimer and Its Dication. <i>Chemistry - an Asian Journal</i> , 2019, 14, 1771-1776.	3.3	10
58	Switch-ON Near IR Fluorescent Dye Upon Protonation: Helically Twisted Bis(Boron Difluoride) Complex of β -Extended Corrorin. <i>Chemistry - A European Journal</i> , 2018, 24, 4628-4634.	3.3	17
59	N-Confused Porphyrin Metal Complexes with an Axial Pyridine Directly Tethered from an Inner Carbon: A Bioinspired Ligand as a Versatile Platform for Catalysis. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 203-207.	2.0	24
60	Recognition of cyclic di-GMP by a riboswitch conducts translational repression through masking the ribosome-binding site distant from the aptamer domain. <i>Genes To Cells</i> , 2018, 23, 435-447.	1.2	10
61	Two Discrete RuCp* (Cp* = Pentamethylcyclopentadienyl) Binding Modes of N-Confused Porphyrins: Peripheral π -Complex and Sitting Atop Ruthenocenophane Complex by Skeletal Transformation. <i>Chemistry - A European Journal</i> , 2018, 24, 6742-6746.	3.3	5
62	Blackening of aza-BODIPY analogues by simple dimerization: panchromatic absorption of a pyrrolopyrrole aza-BODIPY dimer. <i>Materials Chemistry Frontiers</i> , 2018, 2, 112-120.	5.9	40
63	Rational Synthesis of Antiaromatic 5,15-Dioxaporphyrin and Oxidation into β^2, β^2 -Linked Dimers. <i>Angewandte Chemie</i> , 2018, 130, 9876-9881.	2.0	12
64	Ground-State Copper(III) Stabilized by N-Confused/N-Linked Corroles: Synthesis, Characterization, and Redox Reactivity. <i>Journal of the American Chemical Society</i> , 2018, 140, 6883-6892.	13.7	45
65	Rational Synthesis of Antiaromatic 5,15-Dioxaporphyrin and Oxidation into β^2, β^2 -Linked Dimers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9728-9733.	13.8	37
66	Supramolecular dimeric structures of pyrazole-containing <i>meso</i> -oxo carbaphlorin analogues. <i>Supramolecular Chemistry</i> , 2017, 29, 8-16.	1.2	10
67	Donor-acceptor type A ₂ B ₂ porphyrins: synthesis, energy transfer, computational and electrochemical studies. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 618-638.	6.0	33
68	Introduction: Expanded, Contracted, and Isomeric Porphyrins. <i>Chemical Reviews</i> , 2017, 117, 2201-2202.	47.7	54
69	Heterodimerization of Group I Ribozymes Enabling Exon Recombination through Pairs of Cooperative <i>trans</i> -Splicing Reactions. <i>ChemBioChem</i> , 2017, 18, 1659-1667.	2.6	9
70	Organometallic Group III (Cu ^{III} , Ag ^{III} , Au ^{III}) Complexes of a <i>trans</i> -Doubly N-Confused Porphyrin: An α -Expanded Imidazole-Structural Motif. <i>Chemistry - A European Journal</i> , 2017, 23, 11375-11384.	3.3	18
71	Singly and Doubly N-Confused Calix[4]phyrin Organoplatinum(II) Complexes as Near-IR Triplet Sensitizers. <i>Inorganic Chemistry</i> , 2017, 56, 12572-12580.	4.0	32
72	Stereoretentive Ligand Exchange Reactions of N-Fused Porphyrin Ruthenium(II) Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 13842-13851.	4.0	8

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73	Doubly Nâ€Confused [36]Octaphyrin(1.1.1.1.1.1.1.1): Isomerization, Bisâ€Metal Coordination, and Topological Chirality. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14252-14256.	13.8	33
74	Doubly Nâ€Confused [36]Octaphyrin(1.1.1.1.1.1.1.1): Isomerization, Bisâ€Metal Coordination, and Topological Chirality. <i>Angewandte Chemie</i> , 2017, 129, 14440-14444.	2.0	15
75	Bisâ€Copper(II)/Î€â€Radical Multiâ€Heterospin System with Nonâ€Innocent Doubly <i>N</i>â€Confused Dioxohexaphyrin(1.1.1.1.1.0) Ligand. <i>Chemistry - A European Journal</i> , 2017, 23, 15322-15326.	3.3	16
76	Tautomerism-Induced Cisâ€Trans Isomerization of Pyridylethenyl N-Confused Porphyrin. <i>Journal of Organic Chemistry</i> , 2017, 82, 8686-8696.	3.2	20
77	Dissecting the chlorideâ€nitrate anion transport assay. <i>Chemical Communications</i> , 2017, 53, 9230-9233.	4.1	39
78	Facile synthesis of dimeric aza-BODIPY analogues from electron-deficient bislactams and their intriguing optical and electrochemical properties. <i>Tetrahedron Letters</i> , 2017, 58, 3151-3154.	1.4	17
79	Phenyleneâ€Bridged Expanded Porphyrazines. <i>ChemPlusChem</i> , 2017, 82, 1021-1024.	2.8	6
80	Zirconium-based Metalâ€Organic Frameworks with N-Confused Porphyrins: Synthesis, Structures, and Optical Properties. <i>Chemistry Letters</i> , 2017, 46, 1230-1232.	1.3	5
81	Use of a Fluorescent Aptamer RNA as an Exonic Sequence to Analyze Self-Splicing Ability of a Group I Intron from Structured RNAs. <i>Biology</i> , 2016, 5, 43.	2.8	4
82	Macrocyclic Transformations from Norrole to Isonorrole and an Nâ€Confused Corrole with a Fused Hexacyclic Ring System Triggered by a Pyrrole Substituent. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 3063-3067.	13.8	40
83	Tectoâ€GRz: Engineered Groupâ€I Ribozyme the Catalytic Ability of Which Can Be Controlled by Selfâ€Dimerization. <i>ChemBioChem</i> , 2016, 17, 1448-1455.	2.6	16
84	Macrocyclic Transformations from Norrole to Isonorrole and an Nâ€Confused Corrole with a Fused Hexacyclic Ring System Triggered by a Pyrrole Substituent. <i>Angewandte Chemie</i> , 2016, 128, 3115-3119.	2.0	5
85	Pyreneâ€Bridged Boron Subphthalocyanine Dimers: Combination of Planar and Bowlâ€Shaped Î€â€Conjugated Systems for Creating Uniquely Curved Î€â€Conjugated Systems. <i>Chemistry - A European Journal</i> , 2016, 22, 7706-7710.	3.3	25
86	A Diradical Approach towards BODIPYâ€Based Dyes with Intense Nearâ€Infrared Absorption around <i>Î»</i>=1100â€...nm. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2815-2819.	13.8	100
87	Ruthenoceneâ€Type Complexes of Nâ€Fused Porphyrins. <i>Chemistry - A European Journal</i> , 2016, 22, 8316-8322.	3.3	16
88	Mutational analysis of structural elements in a class-I cyclic di-GMP riboswitch to elucidate its regulatory mechanism. <i>Journal of Biochemistry</i> , 2016, 160, 153-162.	1.7	13
89	Water-soluble porphyrinoids as G-quadruplex binders and telomerase inhibitors. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 1041-1048.	0.8	3
90	A novel isoindole-containing polyaromatic hydrocarbon unexpectedly formed during the synthesis of meso-2,6-dichlorophenyl-substituted tribenzosubporphyrin. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 1049-1054.	0.8	5

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91	Boron Difluoride Complexes of Expanded N-Confused Calix[n]phyrins That Demonstrate Unique Luminescent and Lasing Properties. <i>Angewandte Chemie</i> , 2016, 128, 12224-12228.	2.0	9
92	Boron Difluoride Complexes of Expanded N-Confused Calix[n]phyrins That Demonstrate Unique Luminescent and Lasing Properties. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12045-12049.	13.8	42
93	Induced Correspondence of a Local π -Aromatic Sextet in Heteroannulenes: Synthesis and Characterization. <i>Chemistry - A European Journal</i> , 2016, 22, 5504-5508.	3.3	6
94	Near-Infrared Phosphorescent Iridium(III) Benzenorrole Complexes Possessing Pyridine-based Axial Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 6223-6230.	4.0	23
95	2-(Naphthalen-1-yl)thiophene as a New Motif for Porphyrinoids: Meso-Fused Carbaporphyrin. <i>Journal of the American Chemical Society</i> , 2016, 138, 4992-4995.	13.7	45
96	Rational syntheses of helical π -conjugated oligopyrins with a bipyrrole linkage: geometry control of bis-copper(ii) coordination. <i>Chemical Communications</i> , 2016, 52, 5148-5151.	4.1	20
97	Stable π -Radical from a Contracted Doubly N-Confused Hexaphyrin by Double Palladium Metalation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7323-7327.	13.8	53
98	Benzo[c,d]indole-Containing Aza-BODIPY Dyes: Asymmetrization-Induced Solid-State Emission and Aggregation-Induced Emission Enhancement as New Properties of a Well-Known Chromophore. <i>Chemistry - A European Journal</i> , 2015, 21, 12996-13003.	3.3	56
99	Modulation of Group I Ribozyme Activity by Cationic Porphyrins. <i>Biology</i> , 2015, 4, 251-263.	2.8	4
100	Intramolecular charge transfer character in tetrathiafulvalene-annulated porphyrinoids: effects of core modification and protonation. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 8699-8705.	2.8	15
101	Spectroscopic and Theoretical Studies of Acid-Base Behaviors of N-Confused Porphyrins: Effects of meso-Aryl Substituents. <i>Journal of Physical Chemistry A</i> , 2015, 119, 1013-1022.	2.5	22
102	Near-infrared luminescent Sn(IV) complexes of N-confused tetraphenylporphyrin: Effect of axial anion coordination. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015, 19, 361-371.	0.8	12
103	Synthesis of a Neo-Confused Octaphyrin and the Formation of Its Mononuclear Complexes. <i>Organic Letters</i> , 2015, 17, 4806-4809.	4.6	31
104	Novel π -Conjugated Systems Based on N-Confused Porphyrinoids. , 2015, , 201-221.		1
105	Core-Modified Phthalocyanines and Subphthalocyanines: a Synthetic Strategy towards Core-Modification and Novel Properties Arising from the Inner Ring-Expansion. <i>Macrocyclics</i> , 2015, 8, 332-342.	0.5	8
106	N-confused phlorin: a stable dihydroporphyrin isomer containing a confused pyrrole ring. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014, 18, 909-918.	0.8	15
107	Neo-Fused Hexaphyrin: A Molecular Puzzle Containing an N-Linked Pentaphyrin. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14069-14073.	13.8	52
108	Doubly N-confused isophlorin: synthesis, structure and copper coordination. <i>Chemical Communications</i> , 2014, 50, 14593-14596.	4.1	26

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109	Installation of orthogonality to the interface that assembles two modular domains in the Tetrahymena group I ribozyme. <i>Journal of Bioscience and Bioengineering</i> , 2014, 117, 407-412.	2.2	12
110	Spectrometric Detection of DNA by the Bis-Zn(II) Complex of a Water-soluble Doubly N-Confused Hexaphyrin. <i>Chemistry Letters</i> , 2014, 43, 1929-1931.	1.3	7
111	Fixation and Accumulation of Thermotolerant Catalytic Competence of a Pair of Ligase Ribozymes Through Complex Formation and Cross Ligation. <i>Journal of Molecular Evolution</i> , 2013, 76, 48-58.	1.8	3
112	Synthesis and Isomerization of N-Fused Tetraphenylporphyrin Ruthenium(II) Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 9613-9619.	4.0	14
113	Colorimetric/fluorogenic detection of thiols by N-fused porphyrin in water. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 6501-6505.	3.0	11
114	Theoretical Study on the Conformation and Aromaticity of Regular and Singly N-Confused [28]Hexaphyrins. <i>Journal of Organic Chemistry</i> , 2013, 78, 9317-9327.	3.2	22
115	RNA Tectonics (<sc>tectoRNA</sc>) for <sc>RNA</sc> nanostructure design and its application in synthetic biology. <i>Wiley Interdisciplinary Reviews RNA</i> , 2013, 4, 651-664.	6.4	45
116	Flexible coordination of hetero-scorpionate ligands composed of pyrrole/pyridines hybrid in rhenium(I) tricarbonyl complexes. <i>Polyhedron</i> , 2013, 52, 1153-1158.	2.2	4
117	Palladium-Induced Pyrrolic Rearrangement of a Singly to a Doubly N-Confused [26]Hexaphyrin. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6940-6943.	13.8	31
118	An in vitro-selected RNA receptor for the GAAC loop: modular receptor for non-GNRA-type tetraloop. <i>Nucleic Acids Research</i> , 2013, 41, 3748-3759.	14.5	9
119	Macrocycle Contraction and Expansion of a Dihydrosapphyrin Isomer. <i>Journal of the American Chemical Society</i> , 2013, 135, 19119-19122.	13.7	140
120	Natural Selection and Structural Polymorphism of RNA 3D Structures Involving GNRA Loops and Their Receptor Motifs. , 2013, , 109-120.		1
121	Site-specific isotope labeling of long RNA for structural and mechanistic studies. <i>Nucleic Acids Research</i> , 2012, 40, e7-e7.	14.5	9
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