

Hiroyuki Furuta

List of Publications by Year in descending order

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23567

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98
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348
all docs

348
docs citations

348
times ranked

5139
citing authors

#	ARTICLE	IF	CITATIONS
1	"N-Confused Porphyrin": A New Isomer of Tetraphenylporphyrin. <i>Journal of the American Chemical Society</i> , 1994, 116, 767-768.	13.7	651
2	Confusion, inversion, and creation—a new spring from porphyrin chemistry. <i>Chemical Communications</i> , 2002, , 1795-1804.	4.1	353
3	meso-Aryl-Substituted Expanded Porphyrins. <i>Journal of the American Chemical Society</i> , 2001, 123, 7190-7191.	13.7	339
4	Confusion Approach to Porphyrinoid Chemistry. <i>Accounts of Chemical Research</i> , 2005, 38, 10-20.	15.6	272
5	Syntheses, Structural Characterizations, and Optical and Electrochemical Properties of Directly Fused Diporphyrins. <i>Journal of the American Chemical Society</i> , 2001, 123, 10304-10321.	13.7	262
6	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.	13.7	253
7	Diprotonated sapphyrin: a fluoride selective halide anion receptor. <i>Journal of the American Chemical Society</i> , 1992, 114, 5714-5722.	13.7	229
8	Blooming of confused porphyrinoids—fusion, expansion, contraction, and more confusion. <i>Chemical Communications</i> , 2012, 48, 937-954.	4.1	206
9	N-Confused Tetraphenylporphyrin—Silver(III) Complex. <i>Inorganic Chemistry</i> , 1999, 38, 2676-2682.	4.0	201
10	Quinoxaline-Bridged Porphyrinoids. <i>Journal of the American Chemical Society</i> , 2002, 124, 13474-13479.	13.7	196
11	Completely Fused Diporphyrins and Triporphyrin. <i>Angewandte Chemie - International Edition</i> , 2000, 39, 2549-2552.	13.8	182
12	—N-Fused Porphyrin—from N-Confused Porphyrin. <i>Journal of the American Chemical Society</i> , 1999, 121, 2945-2946.	13.7	171
13	NH Tautomerism of N-Confused Porphyrin. <i>Journal of the American Chemical Society</i> , 2001, 123, 6207-6208.	13.7	171
14	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.	13.7	162
15	Protonated Sapphyrins. Highly Effective Phosphate Receptors. <i>Journal of the American Chemical Society</i> , 1996, 118, 1595-1607.	13.7	154
16	—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.	13.7	149
17	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.	13.7	149
18	Spontaneous formation of superhelical strands. <i>Journal of the American Chemical Society</i> , 1989, 111, 4567-4570.	13.7	140

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19	Macrocycle Contraction and Expansion of a Dihydrosapphyrin Isomer. <i>Journal of the American Chemical Society</i> , 2013, 135, 19119-19122.	13.7	140
20	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.	13.7	130
21	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.	4.6	125
22	Doubly meso- β^2 -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.	13.8	118
23	Anion binding: A new direction in porphyrin-related research. <i>Pure and Applied Chemistry</i> , 1993, 65, 393-398.	1.9	117
24	N-Confused Double-Decker Porphyrins. <i>Inorganic Chemistry</i> , 2000, 39, 5424-5425.	4.0	117
25	N-Fused Pentaphyrin. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 619-621.	13.8	114
26	Phosphate anion binding: enhanced transport of nucleotide monophosphates using a sapphyrin carrier. <i>Journal of the American Chemical Society</i> , 1991, 113, 6677-6678.	13.7	108
27	Perfluorinated meso-Aryl-Substituted Expanded Porphyrins. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 78-82.	13.8	106
28	Flexible Inner and Outer Coordination of Zn(II) N-Confused Porphyrin Complex. <i>Journal of the American Chemical Society</i> , 2002, 124, 5622-5623.	13.7	105
29	Quinoxaline-oligopyrroles: Improved pyrrole-based anion receptors. Electronic supplementary information (ESI) available: synthetic details of 3 and 4, titration studies for anion binding of 3 and 4, and crystallographic details for 3. See http://www.rsc.org/suppdata/cc/b1/b111708d/ . <i>Chemical Communications</i> , 2002, , 862-863.	4.1	101
30	Confusion and Neo-Confusion: Corrole Isomers with an NNNC Core. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 6855-6859.	13.8	101
31	A Diradical Approach towards BODIPY-Based Dyes with Intense Near-Infrared Absorption around $\lambda_{max} = 1100$ nm. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2815-2819.	13.8	100
32	Oxyindolopyrrole: A Novel Fluoride Receptor Derived from N-Confused Corrole Isomer. <i>Journal of the American Chemical Society</i> , 2001, 123, 6435-6436.	13.7	93
33	A dozen years of N-confusion: From synthesis to supramolecular chemistry. <i>Pure and Applied Chemistry</i> , 2006, 78, 29-44.	1.9	92
34	Metal Complexes of an N-Confused Calix[4]pyrrole Derivative: The First X-ray Structure of an Organometallic Compound of Divalent Copper. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2323-2325.	13.8	90
35	Adsorption Structure of and Electrochemical O ₂ Reduction on Cobalt Porphine-Modified and Cobalt Octaethylporphyrin-Modified Au(111) in HClO ₄ . <i>Journal of Physical Chemistry B</i> , 2004, 108, 1948-1954.	2.6	86
36	Theoretical Study of Stability, Structures, and Aromaticity of Multiply N-Confused Porphyrins. <i>Journal of Organic Chemistry</i> , 2001, 66, 8563-8572.	3.2	85

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37	Synthesis, Reactivity, and Properties of N-Fused Porphyrin Rhenium(I) Tricarbonyl Complexes. <i>Inorganic Chemistry</i> , 2007, 46, 10003-10015.	4.0	85
38	Ring size selective synthesis of meso-aryl expanded porphyrins. <i>Tetrahedron Letters</i> , 2003, 44, 2505-2507.	1.4	84
39	Synthetic sapphyrin-cytosine conjugates: carriers for selective nucleotide transport at neutral pH.. <i>Journal of the American Chemical Society</i> , 1992, 114, 8704-8705.	13.7	83
40	Molecular recognition via base pairing: amine-containing, cytosine-based ditopic receptors that complex guanosine monophosphate. <i>Journal of the American Chemical Society</i> , 1991, 113, 978-985.	13.7	82
41	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.	3.3	79
42	Regioselective Oxidative Liberation of Aryl-Substituted Tripyrrinone Metal Complexes from N-Confused Porphyrin. <i>Organic Letters</i> , 2002, 4, 181-184.	4.6	77
43	Triply N-Confused Hexaphyrins: Near-Infrared Luminescent Dyes with a Triangular Shape. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 5496-5499.	13.8	77
44	SnIV Complexes of N-Confused Porphyrins and Oxoporphyrins Unique Fluorescence "Switch-On" Halide Receptors. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 6907-6910.	13.8	76
45	N-Confused and N-Fused meso-Aryl Sapphyrins. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4563-4567.	13.8	76
46	Substitution, dimerization, metalation, and ring-opening reactions of N-fused porphyrins. <i>Tetrahedron</i> , 2008, 64, 4037-4050.	1.9	74
47	Two-Step Mechanism in Single-Step Isomerizations. Kinetics in a Highly Viscous Liquid Phase. <i>Journal of the American Chemical Society</i> , 1994, 116, 5545-5550.	13.7	73
48	Anion Binding Properties of N-Confused Porphyrins at the Peripheral Nitrogen. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2004, 49, 33-36.	1.6	71
49	N-Fused Pentaphyrins and Their Rhodium Complexes: Oxidation-Induced Rhodium Rearrangement. <i>Chemistry - A European Journal</i> , 2005, 11, 2417-2425.	3.3	70
50	The first bis-Rh(i) metal complex of N-confused porphyrin. <i>Chemical Communications</i> , 2001, , 1666-1667.	4.1	69
51	N-Confused Expanded Porphyrin: First Example of a Modified Sapphyrin with an Inverted N-Confused Pyrrole Ring. <i>Journal of the American Chemical Society</i> , 2001, 123, 5138-5139.	13.7	64
52	Phosphate anion chelation and base-pairing. Design of receptors and carriers for nucleotides and nucleotide analogues. <i>Supramolecular Chemistry</i> , 1993, 1, 209-220.	1.2	62
53	Halide-Anion Binding by Singly and Doubly N-Confused Porphyrins. <i>Chemistry - an Asian Journal</i> , 2006, 1, 832-844.	3.3	62
54	Liquid membrane electrode for guanosine nucleotides using a cytosine-pendant triamine host as the sensory element. <i>Analytical Chemistry</i> , 1992, 64, 960-964.	6.5	61

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55	Inner C-arylation of a doubly N-confused porphyrinâ€‘Pd complex in tolueneâ€‘the possibility of a Pd ³⁺ intermediate. <i>Chemical Communications</i> , 2000, , 1143-1144.	4.1	61
56	Doubly N-Fused Pentaphyrin. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 876-879.	13.8	60
57	Perfluorinated meso-Aryl-Substituted Expanded Porphyrins. <i>Angewandte Chemie</i> , 2003, 115, 82-86.	2.0	59
58	Synthesis and properties of rhenium tricarbonyl complex bearing N-fused tetraphenylporphyrin ligand. <i>Chemical Communications</i> , 2004, , 2464.	4.1	59
59	Catalytic deoxygenation of pyridine N-oxides with N-fused porphyrin rhenium complexes. <i>Tetrahedron Letters</i> , 2008, 49, 1488-1491.	1.4	59
60	Facile Formation of N-Confused Porphyrin Dimers by Platinum(II) Coordination to the Outer-Nitrogen Atoms. <i>Angewandte Chemie - International Edition</i> , 2003, 42, 2186-2188.	13.8	58
61	N-confused porphyrins as new scaffolds for supramolecular architecture. <i>Journal of Porphyrins and Phthalocyanines</i> , 2004, 08, 67-75.	0.8	56
62	Benzo[<i>c</i>], <i>d</i>]indoleâ€‘Containing Azaâ€‘BODIPY Dyes: Asymmetrizationâ€‘Induced Solidâ€‘State Emission and Aggregationâ€‘Induced Emission Enhancement as New Properties of a Wellâ€‘Known Chromophore. <i>Chemistry - A European Journal</i> , 2015, 21, 12996-13003.	3.3	56
63	Acidâ€‘Base and Spectroelectrochemical Properties of Doubly N-Confused Porphyrins. <i>Inorganic Chemistry</i> , 2001, 40, 2020-2025.	4.0	55
64	Mechanism of thermal Z/E isomerization of substituted N-benzylideneanilines. Nature of the activated complex with an sp-hybridized nitrogen atom. <i>Journal of Organic Chemistry</i> , 1993, 58, 4418-4423.	3.2	54
65	Introduction: Expanded, Contracted, and Isomeric Porphyrins. <i>Chemical Reviews</i> , 2017, 117, 2201-2202.	47.7	54
66	Nitration of N-Confused Porphyrin. <i>Chemistry Letters</i> , 1997, 26, 453-454.	1.3	53
67	Stability and Structure of Doubly N-Confused Porphyrins. <i>Journal of Organic Chemistry</i> , 2000, 65, 4222-4226.	3.2	53
68	Stable â€‘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
69	Inverted N-Confused Porphyrin Dimer. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 5077-5081.	13.8	52
70	Doubly N-Fused Porphyrin. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 8913-8916.	13.8	52
71	Neo-Fused Hexaphyrin: A Molecular Puzzle Containing an N-Linked Pentaphyrin. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 14069-14073.	13.8	52
72	Benzene Ring Trimer Interactions Modulate Supramolecular Structures. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3672-3675.	13.8	51

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73	Bis[Iridium(II)] Complex of Inverted N-Confused Porphyrin. <i>Inorganic Chemistry</i> , 2006, 45, 3852-3854.	4.0	50
74	Structures and Ligand Exchange of N-Confused Porphyrin Dimer Complexes with Group 12 Metals. <i>Inorganic Chemistry</i> , 2004, 43, 1618-1624.	4.0	49
75	Facile syntheses of BODIPY derivatives for fluorescent labeling of the 3' and 5' ends of RNAs. <i>Analytical Biochemistry</i> , 2008, 378, 166-170.	2.4	49
76	Synthesis and characterization of N-confused porphyrinatoantimony(V): toward a low energy gap molecular wire. <i>Journal of Organometallic Chemistry</i> , 2000, 611, 551-557.	1.8	48
77	Singly N-Confused [26]Hexaphyrin: A Binucleating Porphyrinoid Ligand for Mixed Metals in Different Oxidation States. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2302-2306.	13.8	48
78	Creation from Confusion and Fusion in the Porphyrin World – The Last Three Decades of N-Confused Porphyrinoid Chemistry. <i>Chemical Reviews</i> , 2022, 122, 8313-8437.	47.7	48
79	Near-Infrared Emission from Bis-Pt(II) Complexes of Doubly N-Confused Calix[6]phyrins(1.1.1.1.1.1). <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5438-5441.	13.8	47
80	Water-soluble doubly N-confused hexaphyrin: a near-IR fluorescent Zn(II) ion sensor in water. <i>Chemical Communications</i> , 2010, 46, 5689.	4.1	47
81	Rhodium N-confused porphyrin-catalyzed alkene cyclopropanation. <i>Chemical Communications</i> , 2006, , 4335.	4.1	46
82	Synthesis and Photophysical Properties of N-Fused Tetraphenylporphyrin Derivatives: Near-Infrared Organic Dye of [18]Annulenic Compounds. <i>Journal of Organic Chemistry</i> , 2010, 75, 8637-8649.	3.2	46
83	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
84	N-Confused Porphine. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 3887-3890.	2.4	45
85	N-Heterocyclic Carbene Embedded in an N-Confused Porphyrin Framework. <i>Inorganic Chemistry</i> , 2010, 49, 8182-8184.	4.0	45
86	RNA Tectonics (tectoRNA) for RNA nanostructure design and its application in synthetic biology. <i>Wiley Interdisciplinary Reviews RNA</i> , 2013, 4, 651-664.	6.4	45
87	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
88	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
89	Oligopyrrole-based solid state self-assemblies. <i>Polyhedron</i> , 2003, 22, 2963-2983.	2.2	44
90	Syntheses, Structures, and Crystal Packing of N-Confused 5,20-Diphenylporphyrin and Ag(III) Complex. <i>Organic Letters</i> , 2003, 5, 1427-1430.	4.6	44

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91	Comparative Photophysical Properties of Free-Base, Bis-Zn(II), Bis-Cu(II), and Bis-Co(II) Doubly N-Confused Hexaphyrins(1.1.1.1.1.1). <i>Journal of Physical Chemistry B</i> , 2006, 110, 11683-11690.	2.6	44
92	Pt(II) N-confused porphyrin: An expanded pyrrole that affords a stable π -anion. <i>Dalton Transactions</i> , 2009, , 6151.	3.3	44
93	Re(vii) complex of N-fused tetraphenylporphyrin. <i>Chemical Communications</i> , 2005, , 4589.	4.1	43
94	Endocyclic Extension of Porphyrin π -System by Interior Functionalization of N-Confused Porphyrins. <i>Chemistry - A European Journal</i> , 2008, 14, 10585-10594.	3.3	43
95	Synthesis of A2B2 type cis-doubly N-confused porphyrins from N-confused dipyrromethanes. <i>Tetrahedron</i> , 2004, 60, 2427-2432.	1.9	42
96	Endocyclic extension of porphyrin π -system in etheno-bridged N-confused tetraphenylporphyrin. <i>Chemical Communications</i> , 2008, , 102-104.	4.1	42
97	Synthesis of N-Confused Tetraphenylporphyrin Rhodium Complexes Having Versatile Metal Oxidation States. <i>Inorganic Chemistry</i> , 2008, 47, 11305-11313.	4.0	42
98	C-Fused Norrole: A Fused Corrole Isomer Bearing a N,C-Linked Bipyrrrole Unit. <i>Journal of Organic Chemistry</i> , 2011, 76, 7618-7622.	3.2	42
99	Synthesis, Reactivity, and Properties of N-Fused Porphyrin Manganese(I) Tricarbonyl Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 6029-6043.	4.0	42
100	Unique Interaction between Directly Linked Laminated π -Planes in the Benzonorrole Dimer. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 8753-8756.	13.8	42
101	Boron Difluoride Complexes of Expanded N-Confused Calix[<i>n</i>]phyrins That Demonstrate Unique Luminescent and Lasing Properties. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12045-12049.	13.8	42
102	Enhanced transport of nucleosides and nucleoside analogs with complementary base-pairing agents. <i>Journal of the American Chemical Society</i> , 1991, 113, 4706-4707.	13.7	41
103	Doubly N-Confused Pentaphyrins. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 2951-2955.	13.8	41
104	Doubly N-Confused Porphyrins as Efficient Sensitizers for Singlet Oxygen Generation. <i>Chemistry Letters</i> , 2003, 32, 244-245.	1.3	40
105	Macrocyclic Transformations from Norrole to Isonorrole and an N-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
106	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
107	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
108	Synthesis and binding properties of monomeric and dimeric guanine and cytosine amine derivatives. <i>Journal of Organic Chemistry</i> , 1992, 57, 818-826.	3.2	39

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109	Dissecting the chloride–nitrate anion transport assay. <i>Chemical Communications</i> , 2017, 53, 9230-9233.	4.1	39
110	Luminescent Au(III) organometallic complex of N-confused tetraphenylporphyrin. <i>Chemical Communications</i> , 2008, , 4070.	4.1	38
111	Dibenzoarsepins: Planarization of π -Electron System in the Lowest Singlet Excited State. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 11686-11690.	13.8	38
112	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
113	Syntheses of aryl- and arylethynyl-substituted N-confused porphyrins. <i>Tetrahedron</i> , 2007, 63, 5137-5147.	1.9	37
114	Theoretical Study on Rotation of Pyrrole Rings in Porphyrin and N-Confused Porphyrin. <i>Journal of Physical Chemistry A</i> , 2009, 113, 13953-13963.	2.5	37
115	Comparative spectroscopic studies on porphyrin derivatives: electronic perturbation of N-confused and N-fused porphyrins. <i>Chemical Communications</i> , 2010, 46, 285-287.	4.1	37
116	Rational Synthesis of Antiaromatic 5,15-Dioxaporphyrin and Oxidation into β , β' -Linked Dimers. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 9728-9733.	13.8	37
117	Enhanced transport of fluoride anion effected using protonated sapphyrin as a carrier. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 1733.	2.0	36
118	Efficient synthesis of benzene-centered cyclic porphyrin hexamers. <i>Tetrahedron Letters</i> , 2002, 43, 5157-5159.	1.4	36
119	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
120	Effects of Solvent Fluctuations on the Rate of Thermal/Photoisomerization of Azobenzenes and N-Benzylideneanilines. <i>Bulletin of the Chemical Society of Japan</i> , 1996, 69, 551-560.	3.2	34
121	Photophysical properties of 2-picolinoylpyrrole boron complex in solutions. <i>Chemical Physics Letters</i> , 2007, 435, 283-288.	2.6	34
122	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
123	Specific binding of iodide ion to N-confused tetraphenylporphyrin (NC-TPP) at the air–water interface. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 667-672.	0.9	33
124	Photochemistry of doubly N-confused porphyrin bonded to non-conventional high oxidation state Ag(III) and Cu(III) ions. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2004, 163, 403-411.	3.9	33
125	Donor–acceptor type A_2B_2 porphyrins: synthesis, energy transfer, computational and electrochemical studies. <i>Inorganic Chemistry Frontiers</i> , 2017, 4, 618-638.	6.0	33
126	Doubly N-Confused [36]Octaphyrin(1.1.1.1.1.1.1.1): Isomerization, Bis-Metal Coordination, and Topological Chirality. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 14252-14256.	13.8	33

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127	An Electron-accepting aza-BODIPY-Based Donor-Acceptor-Donor Architecture for Bright NIR Emission. <i>Chemistry - A European Journal</i> , 2021, 27, 5259-5267.	3.3	33
128	Zinc complex of N-confused calix[4]phyrin. <i>Inorganic Chemistry Communication</i> , 2003, 6, 398-401.	3.9	32
129	Theoretical Study on Conformation and Electronic State of H _{1/4} ckel-Aromatic Multiply N-Confused [26]Hexaphyrins. <i>Journal of Organic Chemistry</i> , 2010, 75, 8213-8223.	3.2	32
130	Deprotonation-Induced Aromaticity Enhancement and New Conjugated Networks in <i>meso</i> -Hexakis(pentafluorophenyl)[26]hexaphyrin. <i>Chemistry - A European Journal</i> , 2012, 18, 15838-15844.	3.3	32
131	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
132	N-Confused Phlorin-Prodigiousin Chimera: <i>meso</i> -Aryl Oxidation and Extension Triggered by Peripheral Coordination. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1537-1541.	13.8	32
133	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
134	Synthesis of a Neo-Confused Octaphyrin and the Formation of Its Mononuclear Complexes. <i>Organic Letters</i> , 2015, 17, 4806-4809.	4.6	31
135	Crystal structures of palladium(II) and copper(II) complexes of <i>meso</i> -phenyl tripyrrinone. <i>Inorganic Chemistry Communication</i> , 2003, 6, 162-164.	3.9	30
136	Synthesis and Isomerization of Imino-Fused N-Confused Porphyrin. <i>Organic Letters</i> , 2007, 9, 1733-1736.	4.6	30
137	Acid-base properties and DNA-binding of water soluble N-confused porphyrins with cationic side-arms. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 4157.	2.8	30
138	Double-Decker Ferrocene-Type Complex of N-Fused Porphyrin: A Model of Extended Ferrocene?. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 2752-2755.	13.8	30
139	Chemical sensing based on membrane potential change induced by host-guest complexation at a membrane surface. <i>Supramolecular Chemistry</i> , 1994, 4, 101-113.	1.2	29
140	Unprecedented Formation of a Rhodium Cluster Triggered by Rhodium-Fastened N-Confused Gable Porphyrin. <i>Inorganic Chemistry</i> , 2006, 45, 10428-10430.	4.0	27
141	Phosphorescent rhenium-dipyrrinates: efficient photosensitizers for singlet oxygen generation. <i>Dalton Transactions</i> , 2019, 48, 2467-2478.	3.3	27
142	First Synthesis of Tetrapyrrolylporphyrin. <i>Organic Letters</i> , 2000, 2, 187-189.	4.6	26
143	Synthesis and protonation behavior of a water-soluble N-fused porphyrin: Conjugation with an oligoarginine by click chemistry. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 2448-2452.	2.2	26
144	GNRA/receptor interacting modules: Versatile modular units for natural and artificial RNA architectures. <i>Methods</i> , 2011, 54, 226-238.	3.8	26

#	ARTICLE	IF	CITATIONS
145	Doubly N-confused isophlorin: synthesis, structure and copper coordination. <i>Chemical Communications</i> , 2014, 50, 14593-14596.	4.1	26
146	Skeletal Rearrangement of Twisted Thia-Norhexaphyrin: Multiply Annulated Polypyrrolic Aromatic Macrocycles. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5925-5929.	13.8	26
147	Experimental and Theoretical Studies on Oligomer Formation of N-Confused Porphyrin-Zinc(II) Complexes. <i>Chemistry - A European Journal</i> , 2007, 13, 2257-2265.	3.3	25
148	Anion responsive dyad system of porphyrin and N-confused porphyrin. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 3027.	2.8	25
149	Cooperation between metal and ligand in oxygen atom transport by N-confused porphyrin oxorhenium(v) complexes. <i>Dalton Transactions</i> , 2012, 41, 9154.	3.3	25
150	Pyrene-Bridged Boron Subphthalocyanine Dimers: Combination of Planar and Bowl-Shaped Conjugated Systems for Creating Uniquely Curved Conjugated Systems. <i>Chemistry - A European Journal</i> , 2016, 22, 7706-7710.	3.3	25
151	N-Fused Porphyrin: A Maverick Member of the Porphyrin Family. <i>Chemistry Letters</i> , 2019, 48, 615-622.	1.3	25
152	Hydrogen Bonding 1-D Chain Network of cis-Doubly N-Confused Porphyrins. <i>Supramolecular Chemistry</i> , 2003, 15, 447-450.	1.2	24
153	N-confused porphyrin possessing glucamine-appendants: Aggregation and acid/base properties in aqueous media. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 6394-6397.	2.2	24
154	Rhenium complexes of peripherally π -extended N-confused porphyrins. <i>Chemical Science</i> , 2012, 3, 3241.	7.4	24
155	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
156	Synthesis and Reactivity of 5,10,15-Triaryl Doubly N-Confused Bilanes. <i>Chemistry - A European Journal</i> , 2012, 18, 4380-4391.	3.3	23
157	Near-Infrared Phosphorescent Iridium(III) Benzonorrole Complexes Possessing Pyridine-based Axial Ligands. <i>Inorganic Chemistry</i> , 2016, 55, 6223-6230.	4.0	23
158	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
159	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
160	Modulation of axial coordination in N-confused porphyrin-antimony(v) dibromide complex by proton stimulus. <i>Chemical Communications</i> , 2003, , 1908-1909.	4.1	22
161	Rhenium Complexes of N-Methyl N-Confused Tetraphenylporphyrin and Its Normal Isomer. <i>Chemistry Letters</i> , 2005, 34, 1034-1035.	1.3	22
162	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

#	ARTICLE	IF	CITATIONS
163	Spectroscopic and Theoretical Studies of Acid–Base Behaviors of N-Confused Porphyrins: Effects of <i>meso</i> -Aryl Substituents. <i>Journal of Physical Chemistry A</i> , 2015, 119, 1013-1022.	2.5	22
164	Halide Anion Mediated Dimerization of a <i>meso</i> -Unsubstituted N-Confused Porphyrin. <i>Chemistry - an Asian Journal</i> , 2008, 3, 592-599.	3.3	21
165	Directly linked dehydropurpurin–porphyrin dyads from Ag(i)-promoted oxidation of <i>meso</i> -phenylethynyl substituted zinc(ii) porphyrins. <i>Chemical Communications</i> , 2001, , 1920-1921.	4.1	20
166	Corrole isomers: intrinsic gas-phase shapes via traveling wave ion mobility mass spectrometry and dissociation chemistries via tandem mass spectrometry. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8396.	2.8	20
167	Rational syntheses of helical π -conjugated oligopyrrolins with a bipyrrrole linkage: geometry control of bis-copper(<i>ii</i>) coordination. <i>Chemical Communications</i> , 2016, 52, 5148-5151.	4.1	20
168	Tautomerism-Induced Cis–Trans Isomerization of Pyridylethenyl N-Confused Porphyrin. <i>Journal of Organic Chemistry</i> , 2017, 82, 8686-8696.	3.2	20
169	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
170	Potentiometric Responses of Expanded Porphyrin Incorporated Liquid Membrane Electrodes toward a Series of Inorganic and Organic Anions.. <i>Analytical Sciences</i> , 1998, 14, 99-108.	1.6	19
171	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
172	Tripyrrin-armed isosmaragdyrins: synthesis, heterodinuclear coordination, and protonation-triggered helical inversion. <i>Chemical Science</i> , 2020, 11, 2790-2795.	7.4	19
173	Protonated rubyrin and C-Tips: Co-carriers for the transport of guanosine 5'-monophosphate at neutral pH. <i>Supramolecular Chemistry</i> , 1993, 3, 5-8.	1.2	18
174	Photophysical properties of N-confused hexaphyrins: effects of confusion of pyrrole rings and molecular shape on electronic structures. <i>Chemical Communications</i> , 2010, 46, 4357.	4.1	18
175	Confusion of Möbius aromaticity: disruption of annulenic pathway in singly N-confused [28]hexaphyrin and its mono-Pd(ii) complex. <i>Dalton Transactions</i> , 2012, 41, 6283.	3.3	18
176	Organometallic Group-11 (Cu ^{III} , Ag ^{III} , Au ^{III}) Complexes of a <i>trans</i> -Doubly N-Confused Porphyrin: An Expanded Imidazole-Structural Motif. <i>Chemistry - A European Journal</i> , 2017, 23, 11375-11384.	3.3	18
177	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
178	Synthesis of Helically Extended N-Confused Porphyrin Dimer via <i>meso</i> -Bipyrrrole-Bridge with Near-Infrared Absorption Capability. <i>Chemistry - A European Journal</i> , 2020, 26, 13590-13594.	3.3	18
179	Effective face-to-face dimerization of a crown ether appended N-confused porphyrin. <i>Tetrahedron Letters</i> , 2002, 43, 4881-4884.	1.4	17
180	Rational optimization of the DSL ligase ribozyme with GNRA/receptor interacting modules. <i>Archives of Biochemistry and Biophysics</i> , 2009, 490, 163-170.	3.0	17

#	ARTICLE	IF	CITATIONS
181	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
182	Switchable Near IR Fluorescent Dye Upon Protonation: Helically Twisted Bis(Boron Difluoride) Complex of an Extended Corrorin. <i>Chemistry - A European Journal</i> , 2018, 24, 4628-4634.	3.3	17
183	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
184	Title is missing!. <i>Angewandte Chemie</i> , 2003, 115, 2236-2238.	2.0	16
185	Sulfur-assisted interconversion between N-confused porphyrin and N-fused porphyrin. <i>Tetrahedron Letters</i> , 2012, 53, 6071-6074.	1.4	16
186	Functional roles of a tetraloop/receptor interacting module in a cyclic di-GMP riboswitch. <i>Journal of Bioscience and Bioengineering</i> , 2012, 113, 141-145.	2.2	16
187	Tecto-GRz: Engineered Group I Ribozyme the Catalytic Ability of Which Can Be Controlled by Self-Dimerization. <i>ChemBioChem</i> , 2016, 17, 1448-1455.	2.6	16
188	Ruthenocene-Type Complexes of N-Fused Porphyrins. <i>Chemistry - A European Journal</i> , 2016, 22, 8316-8322.	3.3	16
189	Bis-Copper(II)/Iron Radical Multi-Heterospin System with Non-Innocent Doubly N-Confused Dioxohexaphyrin(1.1.1.1.0) Ligand. <i>Chemistry - A European Journal</i> , 2017, 23, 15322-15326.	3.3	16
190	N-Confused Porphyrin-Corrole 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
191	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
192	Cidnp study on porphyrin-photosensitized reactions with phenol and quinone. <i>Tetrahedron</i> , 1986, 42, 6149-6155.	1.9	15
193	5'-Phosphatidyl nucleosides Spontaneously Assemble to Form Circular and Linear Helical Strands. <i>Chemistry Letters</i> , 1988, 17, 269-272.	1.3	15
194	Synthesis and characterization of novel azo-embedded N-confused tetraphenylporphyrin. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009, 13, 215-222.	0.8	15
195	Synthesis and Properties of Acetylene-bridged N-Confused Porphyrin Dimers. <i>Chemistry Letters</i> , 2011, 40, 1021-1023.	1.3	15
196	Visualization of the complexation between chloride and anion receptors using volume change of ionomer gels in organic solvents. <i>Soft Matter</i> , 2012, 8, 7490.	2.7	15
197	Regulation of NH-tautomerism in N-confused porphyrin by N-alkylation. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4367.	2.8	15
198	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

#	ARTICLE	IF	CITATIONS
199	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
200	Doubly N-Confused [36]Octaphyrin(1.1.1.1.1.1.1.1): Isomerization, Bis-Metal Coordination, and Topological Chirality. <i>Angewandte Chemie</i> , 2017, 129, 14440-14444.	2.0	15
201	Dibenzoarsepins: Planarization of 8π-Electron System in the Lowest Singlet Excited State. <i>Angewandte Chemie</i> , 2019, 131, 11812-11816.	2.0	15
202	Spectroelectrochemical behavior of N-confused dioxohexaphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2005, 09, 813-820.	0.8	14
203	Detection of unusual HOMO-LUMO relationship in tetrapyrrolic cis- and trans-doubly N-confused porphyrins. <i>Chemical Physics Letters</i> , 2008, 460, 495-498.	2.6	14
204	Tailoring RNA modular units on a common scaffold: A modular ribozyme with a catalytic unit for 5'-nicotinamide mononucleotide-activated RNA ligation. <i>Rna</i> , 2009, 15, 877-888.	3.5	14
205	Synthesis and Isomerization of N-Fused Tetraphenylporphyrin Ruthenium(II) Complexes. <i>Inorganic Chemistry</i> , 2013, 52, 9613-9619.	4.0	14
206	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
207	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
208	N-fused porphyrin with pyridinium side-arms: a new class of aromatic ligand with DNA-binding ability. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 8068.	2.8	13
209	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
210	SYNTHESIS OF QUINONE-CAPPED PORPHYRINS BY PORPHYRIN SELF-PHOTOSENSITIZED REACTION. <i>Chemistry Letters</i> , 1986, 15, 479-482.	1.3	12
211	Liquid membrane electrodes for nucleotides based on sapphyrin, cytosine-pendant triamine and neutral cytosine derivative as sensory elements. <i>Sensors and Actuators B: Chemical</i> , 1993, 14, 669-672.	7.8	12
212	Ultrafast Responses of Doubly N-Confused Hexaphyrin Derivatives. <i>Molecular Crystals and Liquid Crystals</i> , 2006, 445, 249/[539]-257/[547].	0.9	12
213	Hydrogen-bonding network in new scorpionate-type ligand composed of pyridine/pyrrole hybrid and anion-binding behavior of the corresponding rhodium complexes in alkyne cyclotrimerization reaction. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 3141-3150.	1.8	12
214	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
215	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
216	Rational Synthesis of Antiaromatic 5,15-Dioxaporphyrin and Oxidation into 1,2-Linked Dimers. <i>Angewandte Chemie</i> , 2018, 130, 9876-9881.	2.0	12

#	ARTICLE	IF	CITATIONS
217	Heptacene: Synthesis and Its Hole-Transfer Property in Stable Thin Films. <i>Chemistry - A European Journal</i> , 2021, 27, 10677-10684.	3.3	12
218	Primitive templated catalysis of a peptide ligation by self-folding RNAs. <i>Nucleic Acids Research</i> , 2009, 37, 2574-2583.	14.5	11
219	Designed RNAs with Two Peptide-Binding Units as Artificial Templates for Native Chemical Ligation of RNA-Binding Peptides. <i>ChemBioChem</i> , 2009, 10, 2745-2752.	2.6	11
220	Colorimetric/fluorogenic detection of thiols by N-fused porphyrin in water. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 6501-6505.	3.0	11
221	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
222	Oxidative nitration reaction of antiaromatic 5,15-dioxaporphyrin. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 355-361.	0.8	11
223	Bis-palladium(II) complex of doubly N-confused octaphyrin(1.1.1.1.1.1.1.1): M π bius aromaticity and chiroptical properties. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 416-423.	0.8	11
224	Copper 1,19 π -Diazacalix[2,24]dicarbocorrole: A Corrole Analogue with an N π -N Linkage Stabilizes a Ground-State Singlet Organocopper Species. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15897-15901.	13.8	11
225	Supramolecular dimeric structures of pyrazole-containing <i>meso</i> -oxo carbaphlorin analogues. <i>Supramolecular Chemistry</i> , 2017, 29, 8-16.	1.2	10
226	Recognition of cyclic γ -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
227	Bis(1,3 π -dithiolene) π -substituted Subtriazachlorin: A Subphthalocyanine Analogue with Redox Properties. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10975-10979.	13.8	10
228	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
229	PHOTO-INDUCED CROSS-COUPPLING REACTION BETWEEN PORPHYRIN AND QUINONE. <i>Chemistry Letters</i> , 1986, 15, 475-478.	1.3	9
230	Supramolecular Interaction of Keto-substituted Pyrroles. <i>Supramolecular Chemistry</i> , 2007, 19, 493-500.	1.2	9
231	Excited-state dynamics of normal and doubly N-confused type hexaphyrin derivatives studied by time-resolved fluorescence measurements. <i>Chemical Physics Letters</i> , 2007, 443, 274-279.	2.6	9
232	Programmed asymmetrical trimer formation of β^2 -alkyl N-confused porphyrin zinc(II) complex. <i>Supramolecular Chemistry</i> , 2009, 21, 324-330.	1.2	9
233	Self-assembly of Zn(II) Porphyrin-1,2,3-Triazole Conjugate with Alcohol Glue. <i>Chemistry Letters</i> , 2010, 39, 252-253.	1.3	9
234	Site-specific isotope labeling of long RNA for structural and mechanistic studies. <i>Nucleic Acids Research</i> , 2012, 40, e7-e7.	14.5	9

#	ARTICLE	IF	CITATIONS
235	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
236	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
237	Heterodimerization of Group I Ribozymes Enabling Exon Recombination through Pairs of Cooperative Splicing Reactions. <i>ChemBioChem</i> , 2017, 18, 1659-1667.	2.6	9
238	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
239	Generation and Development of RNA Ligase Ribozymes with Modular Architecture Through Design and Selection. <i>Molecules</i> , 2010, 15, 5850-5865.	3.8	8
240	Stereoretentive Ligand Exchange Reactions of N-Fused Porphyrin Ruthenium(II) Complexes. <i>Inorganic Chemistry</i> , 2017, 56, 13842-13851.	4.0	8
241	Ruthenium-Confused Porphyrins: Selective Reactivity for Ambident Heteroatom-Substituted Pyridines Serving as Axial Ligands. <i>ChemPlusChem</i> , 2019, 84, 603-607.	2.8	8
242	Synthesis, Photophysical Properties and Computational Studies of beta-Substituted Porphyrin Dyads. <i>Chemistry - an Asian Journal</i> , 2020, 15, 2015-2028.	3.3	8
243	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
244	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
245	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
246	Comparative photophysics of sapphyrin derivatives: effects of confused and fused pyrrole rings. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 858-864.	0.8	7
247	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
248	TTF-Annulated Silicon Phthalocyanine Oligomers and Their External-Stimuli-Responsive Orientational Ordering. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22721-22730.	13.8	7
249	¹⁵ N solid-NMR and X-ray diffraction studies of N-confused porphyrins. <i>Magnetic Resonance in Chemistry</i> , 2007, 45, S56-S60.	1.9	6
250	Evolutionary optimization of a modular ligase ribozyme: a small catalytic unit and a hairpin motif masking an element that could form an inactive structure. <i>Nucleic Acids Research</i> , 2010, 38, 3328-3339.	14.5	6
251	Induced Correspondence of a Local Aromatic Sextet in Heteroannulenes: Synthesis and Characterization. <i>Chemistry - A European Journal</i> , 2016, 22, 5504-5508.	3.3	6
252	Phenylene-Bridged Expanded Porphyrazines. <i>ChemPlusChem</i> , 2017, 82, 1021-1024.	2.8	6

#	ARTICLE	IF	CITATIONS
253	Subphthalocyanine-Stoppered [2]Rotaxanes: Synthesis and Size/Energy Threshold of Slippage. <i>Organic Letters</i> , 2020, 22, 1096-1101.	4.6	6
254	Photo-CIDNP Observed in O-Methylbenzoin in Carbon Tetrachloride System. <i>Bulletin of the Chemical Society of Japan</i> , 1980, 53, 2421-2422.	3.2	5
255	PORPHYRIN ANION RADICALS DETECTED BY CIDNP TECHNIQUE. FIRST OBSERVATION OF CIDNP SIGNALS DUE TO PORPHYRIN IN THE PHOTOREACTION BETWEEN PORPHYRIN AND PHENOLS. <i>Chemistry Letters</i> , 1986, 15, 645-648.	1.3	5
256	2-Picolinoylpyrrole: A New Entry to Metal-complexing Agent. <i>Chemistry Letters</i> , 2006, 35, 750-751.	1.3	5
257	Synthesis of a water soluble N-confused porphyrin and its interaction with nucleic acids. <i>Nucleic Acids Symposium Series</i> , 2007, 51, 207-208.	0.3	5
258	Macrocyclic Transformations from Norrole to Isonorrole and an N-Confused Corrole with a Fused Hexacyclic Ring System Triggered by a Pyrrole Substituent. <i>Angewandte Chemie</i> , 2016, 128, 3115-3119.	2.0	5
259	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
260	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
261	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
262	Iridium Complex of N-Fused Bilatrienone: Oxidative Cleavage of N-Fused Porphyrin Induced by Iridium-Cyclooctadiene Complexation. <i>Chemistry - A European Journal</i> , 2021, 27, 8268-8272.	3.3	5
263	Zirconium-based Metal-Organic Frameworks with N-Confused Porphyrins: Synthesis, Structures, and Optical Properties. <i>Chemistry Letters</i> , 2017, 46, 1230-1232.	1.3	5
264	LIGHT-INDUCED ELECTRON-TRANSFER FROM PHEOPHYTIN TO QUINONE STUDIED BY CIDNP TECHNIQUE - A SIMULATION OF THE PRIMARY PROCESS IN PHOTOSYNTHESIS. <i>Chemistry Letters</i> , 1980, 9, 857-858.	1.3	4
265	FIRST OBSERVATION OF CIDNP SIGNALS DUE TO PORPHYRIN DURING THE COURSE OF LIGHT-INDUCED ELECTRON-TRANSFER FROM PORPHYRIN TO QUINONE. <i>Chemistry Letters</i> , 1981, 10, 709-710.	1.3	4
266	PROTON-ASSISTED CHARGE SEPARATION BETWEEN PORPHYRIN AND QUINONE. <i>Chemistry Letters</i> , 1986, 15, 473-474.	1.3	4
267	Ultrafast Optical Responses of Doubly N-Confused Hexaphyrin Derivatives with Femtosecond Laser Excitation. <i>Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi]</i> , 2006, 19, 15-19.	0.3	4
268	Turnover Ability of a Designed RNA Acting as a Template for Chemical Peptide Ligation. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 2021-2024.	1.3	4
269	Flexible coordination of hetero-scorpionate ligands composed of pyrrole/pyridines hybrid in rhenium(II) tricarbonyl complexes. <i>Polyhedron</i> , 2013, 52, 1153-1158.	2.2	4
270	Modulation of Group I Ribozyme Activity by Cationic Porphyrins. <i>Biology</i> , 2015, 4, 251-263.	2.8	4

#	ARTICLE	IF	CITATIONS
271	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
272	Bis(1,3-dithiol-2-ylidene)-substituted Subphthalocyanine Analogue with Redox Properties. <i>Angewandte Chemie</i> , 2019, 131, 11091-11095.	2.0	4
273	Skeletal Rearrangement of Twisted Thia-Norhexaphyrin: Multiply Annulated Polypyrrolic Aromatic Macrocycles. <i>Angewandte Chemie</i> , 2019, 131, 5986-5990.	2.0	4
274	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
275	Expanded Porphyrins. Receptors for Cationic, Anionic, and Neutral Substrates. , 1994, , 391-408.		4
276	Recent Development of a Porphyrin Mutant-N-Confused Porphyrin. <i>Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry</i> , 2005, 63, 211-221.	0.1	4
277	PHOTOSENSITIZED DIMERIZATION OF PHENOL IN PORPHYRIN-QUINONE-PHENOL SYSTEM. <i>Chemistry Letters</i> , 1986, 15, 243-246.	1.3	3
278	Spontaneous Formation of a Network of Helical Strands from Ditetradecanoyl- and Didodecanoyl-5-phosphatidylcytidine. <i>Chemistry Letters</i> , 1989, 18, 403-406.	1.3	3
279	Design and analysis of a structural RNA that acts as a template for peptide ligation. <i>Nucleic Acids Symposium Series</i> , 2007, 51, 387-388.	0.3	3
280	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
281	Water-soluble porphyrinoids as G-quadruplex binders and telomerase inhibitors. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 1041-1048.	0.8	3
282	Benzo-tetrathiafulvalene-(BTTF)-Annulated Expanded Porphyrins: Potential Next-Generation Multielectron Reservoirs. <i>Chemistry - A European Journal</i> , 2021, 27, 4466-4472.	3.3	3
283	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
284	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
285	2,3-Dipyrrolylquinoxaline-Based Anion Sensors. , 2004, , 71-85.		2
286	The transDSL Ligase Ribozyme Can Utilize Various Forms of Modules to Clamp Its Substrate and Enzyme Units. <i>Bioscience, Biotechnology and Biochemistry</i> , 2010, 74, 872-874.	1.3	2
287	TectoRNP: self-assembling RNAs with peptide recognition motifs as templates for chemical peptide ligation. <i>Journal of Peptide Science</i> , 2012, 18, 635-642.	1.4	2
288	N-Confused Phlorin-Prodigiosin Chimera: meso-Aryl Oxidation and Extension Triggered by Peripheral Coordination. <i>Angewandte Chemie</i> , 2020, 132, 1553-1557.	2.0	2

#	ARTICLE	IF	CITATIONS
289	TTF-Annulated Silicon Phthalocyanine Oligomers and Their External-Stimuli-Responsive Orientational Ordering. <i>Angewandte Chemie</i> , 2020, 132, 22910-22918.	2.0	2
290	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
291	Solvent-Controlled Self-Assembled Oligopyrrolic Receptor. <i>Molecules</i> , 2021, 26, 1771.	3.8	2
292	Janus Pyrrolopyrrole Aza-dipyrin: Hydrogen-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
293	CIDNP STUDY OF LIGHT-INDUCED ELECTRON-TRANSFER FROM HYDROQUINONE TO PHEOPHYTIN \pm . <i>Chemistry Letters</i> , 1981, 10, 1025-1026.	1.3	1
294	DISCRETE RADICAL SPECIES DEPENDENT UPON SOLVENT AS DETECTED BY CIDNP IN THE LIGHT-INDUCED ELECTRON TRANSFER FROM HYDROQUINONES TO PHEOPHYTINa. <i>Chemistry Letters</i> , 1981, 10, 1509-1510.	1.3	1
295	Construction of an artificial ribozyme which ligates an RNA fragment activated by nicotinamide mononucleotide. <i>Nucleic Acids Symposium Series</i> , 2006, 50, 231-232.	0.3	1
296	Mutation analysis of the base-pair connecting two functional modules in the DSL ribozyme. <i>Nucleic Acids Symposium Series</i> , 2008, 52, 523-524.	0.3	1
297	Trans-acting RNAs as molecular probes for monitoring time-dependent structural change of an RNA complex adapting two structures. <i>Journal of Bioscience and Bioengineering</i> , 2011, 111, 370-376.	2.2	1
298	A Two-Piece Derivative of a Group I Intron RNA as a Platform for Designing Self-Assembling RNA Templates to Promote Peptide Ligation. <i>Journal of Nucleic Acids</i> , 2012, 2012, 1-10.	1.2	1
299	Natural Selection and Structural Polymorphism of RNA 3D Structures Involving GNRA Loops and Their Receptor Motifs. , 2013, , 109-120.		1
300	Novel π -Conjugated Systems Based on N-Confused Porphyrinoids. , 2015, , 201-221.		1
301	A Highly Fluorescent π -Bonded Platinum(II) Diketopyrrolopyrrole Complex. <i>European Journal of Inorganic Chemistry</i> , 2022, 2022, .	2.0	1
302	2-Allenyl-2H-benzotriazole. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003, 59, o338-o339.	0.4	0
303	Oligopyrrole-Based Solid State Self-Assemblies. <i>ChemInform</i> , 2004, 35, no.	0.0	0
304	N-Confused Porphyrins as New Scaffolds for Supramolecular Architecture. <i>ChemInform</i> , 2005, 36, no.	0.0	0
305	Confusion Approach to Porphyrinoid Chemistry. <i>ChemInform</i> , 2005, 36, no.	0.0	0
306	Recent Development of a Porphyrin Mutant π N-Confused Porphyrin. <i>ChemInform</i> , 2005, 36, no.	0.0	0

#	ARTICLE	IF	CITATIONS
307	Toward a reciprocal evolution system between RNA and peptides as an artificial model for the early RNP world. <i>Nucleic Acids Symposium Series</i> , 2009, 53, 33-34.	0.3	0
308	Efficient Synthesis of Benzene-Centered Cyclic Porphyrin Hexamers. <i>ChemInform</i> , 2002, 33, 124-124.	0.0	0
309	Copper 1,19-Diaza-21,24-dicarbocorrole: 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
310	Preface "Special Issue in Honor of Professor Atsuhiko Osuka. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, i.	0.8	0
311	N-Confused Metallocorroles: Synthesis, Redox Properties, and Catalytic Activities. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 745-745.	0.0	0
312	Chemistry of N-Confused Porphyrin : A Novel Porphyrin Isomer. <i>Oleoscience</i> , 2003, 3, 77-82,76.	0.0	0
313	Toward the isolation of a novel RNA-RNA interaction based on an activity of a trans-acting ribozyme. <i>FASEB Journal</i> , 2010, 24, 882.2.	0.5	0
314	ã, °ã, ¢ãfŽã, ãf³ãf"ãfãfãf³é...ãCE-ãç%©ãªã,²ãf«ã½/2æ^: <i>Kobunshi</i> , 1988, 37, 756-756.	0.0	0
315	Solving world problems with pyrrole: 65th birthday tribute to Prof. Jonathan L. Sessler. <i>Chem</i> , 2022, 8, 587-598.	11.7	0