

Atsuhiro Osuka

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

934
papers

37,530^o
citations

93
h-index

143
g-index

1,020
ext. papers

40,677
ext. citations

7.3
avg, IF

7.64
L-index

#	Paper	IF	Citations
934	Fully conjugated porphyrin tapes with electronic absorption bands that reach into infrared. <i>Science</i> , 2001 , 293, 79-82	33.3	787
933	Expanded porphyrins: intriguing structures, electronic properties, and reactivities. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 4342-73	16.4	506
932	Discrete cyclic porphyrin arrays as artificial light-harvesting antenna. <i>Accounts of Chemical Research</i> , 2009 , 42, 1922-34	24.3	466
931	Conjugated porphyrin arrays: synthesis, properties and applications for functional materials. <i>Chemical Society Reviews</i> , 2015 , 44, 943-69	58.5	464
930	Directly linked porphyrin arrays with tunable excitonic interactions. <i>Accounts of Chemical Research</i> , 2004 , 37, 735-45	24.3	373
929	meso, meso-Linked Porphyrin Arrays. <i>Angewandte Chemie International Edition in English</i> , 1997 , 36, 135-137		352
928	Cyclic porphyrin arrays as artificial photosynthetic antenna: synthesis and excitation energy transfer. <i>Chemical Society Reviews</i> , 2007 , 36, 831-45	58.5	351
927	Confusion, inversion, and creation--a new spring from porphyrin chemistry. <i>Chemical Communications</i> , 2002 , 1795-804	5.8	318
926	meso-aryl-substituted expanded porphyrins. <i>Journal of the American Chemical Society</i> , 2001 , 123, 7190-116.4	16.4	305
925	Extremely Long, Discrete meso - meso-Coupled Porphyrin Arrays This work was supported by Grant-in-Aids for Scientific Research (No. 11136221 and 11223205) from the Ministry of Education, Science, Sports, and Culture of Japan and by CREST (Core Research for Evolutional Science and Technology) from the Japan Science and Technology Corporation (JST). The work at KRISS was	16.4	301
924	Metalation of expanded porphyrins: a chemical trigger used to produce molecular twisting and gy MBius aromaticity. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 681-4	16.4	267
923	Synthesis of naphthalene-bridged porphyrin dimers and their orientation-dependent exciton coupling. <i>Journal of the American Chemical Society</i> , 1988 , 110, 4454-4456	16.4	250
922	Chemistry of meso-Aryl-Substituted Expanded Porphyrins: Aromaticity and Molecular Twist. <i>Chemical Reviews</i> , 2017 , 117, 2584-2640	68.1	248
921	Syntheses, structural characterizations, and optical and electrochemical properties of directly fused diporphyrins. <i>Journal of the American Chemical Society</i> , 2001 , 123, 10304-21	16.4	228
920	Aromaticity and photophysical properties of various topology-controlled expanded porphyrins. <i>Chemical Society Reviews</i> , 2010 , 39, 2751-67	58.5	226
919	MBius aromaticity and antiaromaticity in expanded porphyrins. <i>Nature Chemistry</i> , 2009 , 1, 113-22	17.6	224
918	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	16.4	222

917	A quadruply azulene-fused porphyrin with intense near-IR absorption and a large two-photon absorption cross section. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 3944-7	16.4	220
916	Unambiguous identification of M _B aromaticity for meso-aryl-substituted [28]hexaphyrins(1.1.1.1.1.1). <i>Journal of the American Chemical Society</i> , 2008 , 130, 13568-79	16.4	214
915	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, 14913-22	16.4	213
914	Optically active single-walled carbon nanotubes. <i>Nature Nanotechnology</i> , 2007 , 2, 361-5	28.7	213
913	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	16.4	208
912	Expanded porphyrins and aromaticity. <i>Chemical Communications</i> , 2011 , 47, 4330-9	5.8	207
911	Expandierte Porphyrine: Berraschende Strukturen, elektronische Eigenschaften und Reaktivitäten. <i>Angewandte Chemie</i> , 2011 , 123, 4432-4464	3.6	205
910	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, 4119-27	16.4	205
909	Relationship between two-photon absorption and the pi-conjugation pathway in porphyrin arrays through dihedral angle control. <i>Journal of the American Chemical Society</i> , 2006 , 128, 1700-4	16.4	193
908	Aromatic and antiaromatic gold(III) hexaphyrins with multiple gold-carbon bonds. <i>Journal of the American Chemical Society</i> , 2005 , 127, 8030-1	16.4	192
907	Photophysical properties of porphyrin tapes. <i>Journal of the American Chemical Society</i> , 2002 , 124, 14642-54	16.4	192
906	Tribenzosubporphines: synthesis and characterization. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 961-4	16.4	191
905	meso-Aryl-substituted subporphyrins: synthesis, structures, and large substituent effects on their electronic properties. <i>Journal of the American Chemical Society</i> , 2007 , 129, 4747-61	16.4	184
904	Synthesis and optical properties of conformationally constrained trimeric and pentameric porphyrin arrays. <i>Journal of the American Chemical Society</i> , 1990 , 112, 3054-3059	16.4	181
903	Porphyrin boxes constructed by homochiral self-sorting assembly: optical separation, exciton coupling, and efficient excitation energy migration. <i>Journal of the American Chemical Society</i> , 2004 , 126, 16187-98	16.4	178
902	Photophysical Properties of Directly Linked Linear Porphyrin Arrays. <i>Journal of Physical Chemistry A</i> , 2003 , 107, 8791-8816	2.8	175
901	Intramolecular photoinduced charge separation and charge recombination of the product ion pair states of a series of fixed-distance dyads of porphyrins and quinones: energy gap and temperature dependences of the rate constants. <i>Journal of the American Chemical Society</i> , 1993 , 115, 5665-5674	16.4	165
900	Highly regioselective Ir-catalyzed beta-borylation of porphyrins via C-H bond activation and construction of beta-beta-linked diporphyrin. <i>Journal of the American Chemical Society</i> , 2005 , 127, 8264-5	16.4	164

- 899 Windmill-Like Porphyrin Arrays as Potent Light-Harvesting Antenna Complexes. *Angewandte Chemie - International Edition*, **1998**, 37, 3023-3027 16.4 162
- 898 Completely Fused Diporphyrins and Triporphyrin This work was supported by Grant-in-Aids for Scientific Research (No. 11223205) from the Ministry of Education, Science, Sports, and Culture of Japan and by CREST (Core Research for Evolutional Science and Technology) of Japan Science and Technology Corporation (JST). A.T. thanks the JSPS Research Fellowship for Young Scientists. We
- 897 Subporphyrins: emerging contracted porphyrins with aromatic 14pi-electronic systems and X-ray bowl-shaped structures: rational and unexpected synthetic routes. *Dalton Transactions*, **2008**, 2517-26 4.3 159
- 896 Fused porphyrinoids as promising near-infrared absorbing dyes. *Journal of Materials Chemistry C*, **2013**, 1, 2500 7.1 157
- 895 Synthesis and photoisomerization of dithienylethene-bridged diporphyrins. *Journal of Organic Chemistry*, **2001**, 66, 3913-23 4.2 153
- 894 Nonlinear optical properties and excited-state dynamics of highly symmetric expanded porphyrins. *Journal of the American Chemical Society*, **2006**, 128, 14128-34 16.4 152
- 893 A porphyrin nanobarrel that encapsulates C(60). *Journal of the American Chemical Society*, **2010**, 132, 16356-7 16.4 151
- 892 NH tautomerism of N-confused porphyrin. *Journal of the American Chemical Society*, **2001**, 123, 6207-8 16.4 150
- 891 N-Fused Porphyrin From N-Confused Porphyrin. *Journal of the American Chemical Society*, **1999**, 121, 2945-2946 16.4 149
- 890 Directly meso-meso linked porphyrin rings: synthesis, characterization, and efficient excitation energy hopping. *Journal of the American Chemical Society*, **2005**, 127, 236-46 16.4 146
- 889 Excitation energy transport processes of porphyrin monomer, dimer, cyclic trimer, and hexamer probed by ultrafast fluorescence anisotropy decay. *Journal of the American Chemical Society*, **2003**, 125, 5849-60 16.4 145
- 888 Synthesis and biradicaloid character of doubly linked corrole dimers. *Journal of the American Chemical Society*, **2006**, 128, 12380-1 16.4 143
- 887 Geometry dependence of intramolecular photoinduced electron transfer in synthetic zinc-ferric hybrid diporphyrins. *Journal of the American Chemical Society*, **1990**, 112, 4958-4959 16.4 142
- 886 Metalation of Expanded Porphyrins: A Chemical Trigger Used To Produce Molecular Twisting and M_Bius Aromaticity. *Angewandte Chemie*, **2008**, 120, 693-696 3.6 138
- 885 Doubly N-confused hexaphyrin: a novel aromatic expanded porphyrin that complexes bis-metals in the core. *Journal of the American Chemical Society*, **2003**, 125, 878-9 16.4 138
- 884 Marriage of porphyrin chemistry with metal-catalysed reactions. *Chemical Communications*, **2009**, 1011-238 136
- 883 Protonation-triggered conformational changes to m_Bius aromatic [32]heptaphyrins(1.1.1.1.1.1). *Angewandte Chemie - International Edition*, **2008**, 47, 9657-60 16.4 136
- 882 Reversal of H_{ückel} (anti)aromaticity in the lowest triplet states of hexaphyrins and spectroscopic evidence for Baird's rule. *Nature Chemistry*, **2015**, 7, 418-22 17.6 134

- 881 Trans doubly N-confused porphyrins: Cu(III) complexation and formation of rodlike hydrogen-bonding networks. *Journal of the American Chemical Society*, **2003**, 125, 15690-1 16.4 132
- 880 Comparative photophysics of [26]- and [28]hexaphyrins(1.1.1.1.1.1): large two-photon absorption cross section of aromatic [26]hexaphyrins(1.1.1.1.1.1). *Journal of the American Chemical Society*, **2005**, 127, 12856-61 16.4 132
- 879 N-Fused Porphyrin A New Tetrapyrrolic Porphyrinoid with a Fused Tri-pentacyclic Ring. *Journal of the American Chemical Society*, **2000**, 122, 5748-5757 16.4 128
- 878 Metal-Free Approach to Biaryls from Phenols and Aryl Sulfoxides by Temporarily Sulfur-Tethered Regioselective C-H/C-H Coupling. *Journal of the American Chemical Society*, **2016**, 138, 14582-14585 16.4 127
- 877 M π Bi aromaticity in N-fused [24]pentaphyrin upon Rh(I) metalation. *Journal of the American Chemical Society*, **2008**, 130, 1824-5 16.4 126
- 876 Photochemistry of covalently-linked multi-porphyrinic systems. *Journal of Photochemistry and Photobiology C: Photochemistry Reviews*, **2002**, 3, 25-52 16.4 126
- 875 Peripheral fabrications of a bis-gold(III) complex of [26]hexaphyrin(1.1.1.1.1.1) and aromatic versus antiaromatic effect on two-photon absorption cross section. *Journal of the American Chemical Society*, **2007**, 129, 11344-5 16.4 123
- 874 1,2-Phenylene-bridged diporphyrin linked with porphyrin monomer and pyromellitimide as a model for a photosynthetic reaction center: synthesis and photoinduced charge separation. *Journal of the American Chemical Society*, **1993**, 115, 4577-4589 16.4 123
- 873 Large two-photon absorption (TPA) cross-section of directly linked fused diporphyrins. *Journal of Physical Chemistry A*, **2005**, 109, 2996-9 2.8 122
- 872 A dodecameric porphyrin wheel. *Journal of the American Chemical Society*, **2004**, 126, 4468-9 16.4 122
- 871 Metalation Chemistry of meso-Aryl-Substituted Expanded Porphyrins. *European Journal of Inorganic Chemistry*, **2006**, 2006, 1319-1335 2.3 121
- 870 Photoelectrochemical Properties of Doubly π -Functionalized Porphyrin Sensitizers for Dye-Sensitized Nanocrystalline-TiO₂ Solar Cells. *Journal of Physical Chemistry C*, **2008**, 112, 16691-16699^{3.8} 119
- 869 Synthesis of arylated perylene bisimides through C-H bond cleavage under ruthenium catalysis. *Organic Letters*, **2009**, 11, 5426-9 6.2 117
- 868 meso-Trifluoromethyl-substituted expanded porphyrins. *Chemistry - A European Journal*, **2006**, 12, 4909-18 116
- 867 Synthesis and Intramolecular Electron- and Energy-Transfer Reactions of Polyene- or Polyene-Bridged Diporphyrins. *Journal of Organic Chemistry*, **1995**, 60, 7177-7185 4.2 116
- 866 π -Conjugation enlargement toward the creation of multi-porphyrinic systems with large two-photon absorption properties. *Chemistry - an Asian Journal*, **2009**, 4, 1172-82 4.5 114
- 865 A self-assembled porphyrin box from meso-meso-linked bis[5-pyridyl-15-(3,5-di-octyloxyphenyl)porphyrinato zinc(II)]. *Angewandte Chemie - International Edition*, **2002**, 41, 2817-21 16.4 113
- 864 Intramolecular energy transfer within butadiyne-linked chlorophyll and porphyrin dimer-faced, self-assembled prisms. *Journal of the American Chemical Society*, **2008**, 130, 4277-84 16.4 112

863	Completely Regioselective Synthesis of Directly Linked meso,meso and meso,Porphyrin Dimers by One-Pot Electrochemical Oxidation of Metalloporphyrins. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 176-179	16.4	112
862	meso-meso-verknüpfte Porphyrine. <i>Angewandte Chemie</i> , 1997 , 109, 93-95	3.6	110
861	A Stepwise Electron-Transfer Relay Mimicking the Primary Charge Separation in Bacterial Photosynthetic Reaction Center. <i>Journal of the American Chemical Society</i> , 1996 , 118, 155-168	16.4	110
860	Regioselective Ru-catalyzed direct 2,5,8,11-alkylation of perylene bisimides. <i>Chemistry - A European Journal</i> , 2009 , 15, 7530-3	4.8	109
859	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, 11822-3	16.4	109
858	Subporphyrins: A Legitimate Ring-Contracted Porphyrin with Versatile Electronic and Optical Properties. <i>Bulletin of the Chemical Society of Japan</i> , 2011 , 84, 679-697	5.1	108
857	Positive heterotropic cooperativity for selective guest binding via electronic communications through a fused zinc porphyrin array. <i>Journal of the American Chemical Society</i> , 2005 , 127, 13086-7	16.4	107
856	Möbius antiaromatic bisphosphorus complexes of [30]hexaphyrins. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4950-4	16.4	105
855	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, 7670-8	16.4	105
854	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, 9668-81	16.4	103
853	Internal Conversion and Vibronic Relaxation from Higher Excited Electronic State of Porphyrins: Femtosecond Fluorescence Dynamics Studies. <i>Journal of Physical Chemistry B</i> , 2000 , 104, 4001-4004	3.4	102
852	Doubly meso-beta-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	16.4	101
851	Ultrafast Energy Relaxation Dynamics of Directly Linked Porphyrin Arrays. <i>Journal of Physical Chemistry A</i> , 2000 , 104, 3287-3298	2.8	100
850	Protonated [4n]pi and [4n+2]pi octaphyrins choose their Möbius/Hückel aromatic topology. <i>Journal of the American Chemical Society</i> , 2010 , 132, 3105-14	16.4	99
849	Palladium-assisted "aromatic metamorphosis" of dibenzothiophenes into triphenylenes. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7162-6	16.4	98
848	Singlet excitation energy transfer in conformationally restricted zinc-free-base hybrid diporphyrins. <i>Chemical Physics Letters</i> , 1990 , 165, 392-396	2.5	98
847	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, 1293-6	6.2	97
846	Perfluorinated meso-aryl-substituted expanded porphyrins. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 78-82	16.4	95

845	N-confused double-decker porphyrins. <i>Inorganic Chemistry</i> , 2000 , 39, 5424-5	5.1	95
844	Prominent electron transport property observed for triply fused metalloporphyrin dimer: directed columnar liquid crystalline assembly by amphiphilic molecular design. <i>Journal of the American Chemical Society</i> , 2008 , 130, 13812-3	16.4	94
843	Improved optical enrichment of SWNTs through extraction with chiral nanotweezers of 2,6-pyridylene-bridged diporphyrins. <i>Journal of the American Chemical Society</i> , 2007 , 129, 15947-53	16.4	94
842	Porphyrin pincer complexes: peripherally cyclometalated porphyrins and their catalytic activities controlled by central metals. <i>Journal of the American Chemical Society</i> , 2007 , 129, 6392-3	16.4	93
841	Giant meso-meso-linked porphyrin arrays of micrometer molecular length and their fabrication. <i>Chemistry - A European Journal</i> , 2005 , 11, 3389-404	4.8	93
840	Aromatic versus antiaromatic effect on photophysical properties of conformationally locked trans-vinylene-bridged hexaphyrins. <i>Journal of the American Chemical Society</i> , 2009 , 131, 7360-7	16.4	92
839	Synthesis of brominated directly fused diporphyrins through gold(III)-mediated oxidation. <i>Organic Letters</i> , 2006 , 8, 4141-4	6.2	92
838	N-Fused Pentaphyrin. <i>Angewandte Chemie - International Edition</i> , 2001 , 40, 619-621	16.4	92
837	Synthesis of meso-meso linked hybrid porphyrin arrays by Pd-catalyzed cross-coupling reaction. <i>Organic Letters</i> , 2001 , 3, 4213-6	6.2	92
836	Neutral radical and singlet biradical forms of meso-free, -keto, and -diketo hexaphyrins(1.1.1.1.1.1): effects on aromaticity and photophysical properties. <i>Journal of the American Chemical Society</i> , 2011 , 133, 15533-44	16.4	91
835	A stable radical species from facile oxygenation of meso-free 5,10,20,25-tetrakis(pentafluorophenyl)-substituted [26]hexaphyrin(1.1.1.1.1.1). <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 9661-5	16.4	91
834	Excitonic Interactions in the Singlet and Triplet Excited States of Covalently Linked Zinc Porphyrin Dimers. <i>Journal of the American Chemical Society</i> , 2000 , 122, 1749-1757	16.4	90
833	First unequivocal observation of the whole bell-shaped energy gap law in intramolecular charge separation from S(2) excited state of directly linked porphyrin-imide dyads and its solvent-polarity dependencies. <i>Journal of the American Chemical Society</i> , 2001 , 123, 12422-3	16.4	90
832	Flexible inner and outer coordination of Zn(II) N-confused porphyrin complex. <i>Journal of the American Chemical Society</i> , 2002 , 124, 5622-3	16.4	89
831	Synthesis of doubly beta-to-beta 1,3-butadiyne-bridged diporphyrins: enforced planar structures and large two-photon absorption cross sections. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 5125-8	16.4	88
830	Cyclic 2,12-porphyrinylene nanorings as a porphyrin analogue of cycloparaphenylenes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 2219-22	16.4	87
829	Cross-bridging reaction of 5,20-diethynyl substituted hexaphyrins to vinylene-bridged hexaphyrins. <i>Journal of the American Chemical Society</i> , 2007 , 129, 464-5	16.4	87
828	Facile formation of a benzopyrane-fused [28]hexaphyrin that exhibits distinct Möbius aromaticity. <i>Journal of the American Chemical Society</i> , 2009 , 131, 7240-1	16.4	86

- 827 Thermal splitting of Bis-Cu(II) octaphyrin(1.1.1.1.1.1.1) into two Cu(II) porphyrins. *Journal of the American Chemical Society*, **2004**, 126, 3046-7 16.4 86
- 826 Oxyindolophyrin: a novel fluoride receptor derived from N-confused corrole isomer. *Journal of the American Chemical Society*, **2001**, 123, 6435-6 16.4 86
- 825 Photophysics of meso-beta doubly linked Ni(II) porphyrin arrays: large two-photon absorption cross-section and fast energy relaxation dynamics. *Journal of the American Chemical Society*, **2007**, 129, 10080-1 16.4 84
- 824 Various strategies for highly-efficient two-photon absorption in porphyrin arrays. *Journal of Photochemistry and Photobiology C: Photochemistry Reviews*, **2008**, 9, 13-28 16.4 83
- 823 Porphyrinoids as a platform of stable radicals. *Chemical Science*, **2018**, 9, 1408-1423 9.4 82
- 822 Biscopper complexes of meso-aryl-substituted hexaphyrin: gable structures and varying antiferromagnetic coupling. *Journal of the American Chemical Society*, **2004**, 126, 12280-1 16.4 82
- 821 Giant porphyrin wheels with large electronic coupling as models of light-harvesting photosynthetic antenna. *Chemistry - A European Journal*, **2006**, 12, 1319-27 4.8 81
- 820 Modified windmill porphyrin arrays: coupled light-harvesting and charge separation, conformational relaxation in the S1 state, and S2-S2 energy transfer. *Chemistry - A European Journal*, **2001**, 7, 3134-51 4.8 81
- 819 Ultrafast Charge Separation from the S2 Excited State of Directly Linked Porphyrinimide Dyads: First Unequivocal Observation of the Whole Bell-Shaped Energy-Gap Law and Its Solvent Dependencies. *Journal of Physical Chemistry A*, **2002**, 106, 12191-12201 2.8 81
- 818 Extrem lange, diskrete Ketten aus meso-meso-verknüpften Porphyrinen. *Angewandte Chemie*, **2000**, 112, 1517-1521 3.6 81
- 817 Adlayer Structure of and Electrochemical O2 Reduction on Cobalt Porphine-Modified and Cobalt Octaethylporphyrin-Modified Au(111) in HClO4. *Journal of Physical Chemistry B*, **2004**, 108, 1948-1954 3.4 80
- 816 Excited-State Energy Transfer Processes in Phenylene- and Biphenylene-Linked and Directly-Linked Zinc(II) and Free-Base Hybrid Diporphyrins. *Journal of Physical Chemistry A*, **2001**, 105, 4200-4210 2.8 80
- 815 Tribenzosubporphines: Synthesis and Characterization. *Angewandte Chemie*, **2006**, 118, 975-978 3.6 79
- 814 A stable non-Kekulé singlet biradicaloid from meso-free 5,10,20,25-tetrakis(pentafluorophenyl)-substituted [26]hexaphyrin(1.1.1.1.1.1). *Journal of the American Chemical Society*, **2010**, 132, 7246-7 16.4 78
- 813 Temperature-dependent conformational change of meso-hexakis(pentafluorophenyl) [28]Hexaphyrins(1.1.1.1.1.1) into Möbius structures. *Journal of Physical Chemistry A*, **2009**, 113, 4498-506 2.8 78
- 812 Group 10 metal complexes of meso-aryl-substituted [26]hexaphyrins with a metal-carbon bond. *Inorganic Chemistry*, **2005**, 44, 4127-9 5.1 78
- 811 Metal Complexes of an N-Confused Calix[4]phyrin Derivative-The First X-ray Structure of an Organometallic Compound of Divalent Copper. *Angewandte Chemie - International Edition*, **2001**, 40, 2323-2325 16.4 78
- 810 A 1,2-Phenylene-Bridged Porphyrin Dimer-Synthesis, Properties, and Molecular Structure. *Angewandte Chemie International Edition in English*, **1991**, 30, 582-584 78

809	Planar subporphyrin borenium cations. <i>Journal of the American Chemical Society</i> , 2011 , 133, 11956-9	16.4	77
808	Two-dimensionally extended porphyrin tapes: synthesis and shape-dependent two-photon absorption properties. <i>Chemistry - A European Journal</i> , 2008 , 14, 8279-89	4.8	77
807	Protonation-Triggered Conformational Changes to M ^B ius Aromatic [32]Heptaphyrins(1.1.1.1.1.1.1). <i>Angewandte Chemie</i> , 2008 , 120, 9803-9806	3.6	77
806	Ring size selective synthesis of meso-aryl expanded porphyrins. <i>Tetrahedron Letters</i> , 2003 , 44, 2505-2507		77
805	Synthesis of corrole derivatives through regioselective Ir-catalyzed direct borylation. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 6763-6	16.4	75
804	Theoretical study of stability, structures, and aromaticity of multiply N-confused porphyrins. <i>Journal of Organic Chemistry</i> , 2001 , 66, 8563-72	4.2	75
803	Excitation relaxation of zinc and free-base porphyrin probed by femtosecond fluorescence spectroscopy. <i>Chemical Physics Letters</i> , 1999 , 309, 177-182	2.5	75
802	Synthesis of extremely pi-extended porphyrin tapes from hybrid meso-meso linked porphyrin arrays: an approach towards the conjugation length. <i>Chemistry - an Asian Journal</i> , 2009 , 4, 1248-56	4.5	74
801	Unusual interchromophoric interactions in beta,beta' directly and doubly linked corrole dimers: prohibited electronic communication and abnormal singlet ground states. <i>Journal of the American Chemical Society</i> , 2009 , 131, 6412-20	16.4	74
800	Electron- or hole-transporting nature selected by side-chain-directed π -stacking geometry: liquid crystalline fused metalloporphyrin dimers. <i>Journal of the American Chemical Society</i> , 2011 , 133, 6537-40	16.4	73
799	Triply N-confused hexaphyrins: near-infrared luminescent dyes with a triangular shape. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 5496-9	16.4	73
798	Doubly π -Functionalized Meso-Meso Directly Linked Porphyrin Dimer Sensitizers for Photovoltaics. <i>Journal of Physical Chemistry C</i> , 2009 , 113, 21956-21963	3.8	73
797	Oxidative fusion reactions of meso-(diarylamino)porphyrins. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 9728-32	16.4	72
796	Synthesis of carbazole-containing porphyrinoids by a multiple annulation strategy: a core-modified and π -expanded porphyrin. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 5691-4	16.4	72
795	Effective expansion of the subporphyrin chromophore through conjugation with meso-oligo(1,4-phenyleneethynylene) substituents: octupolar effect on two-photon absorption. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 4840-3	16.4	72
794	Fine tuning of photophysical properties of meso-meso-linked ZnII-diporphyrins by dihedral angle control. <i>Chemistry - A European Journal</i> , 2003 , 9, 58-75	4.8	72
793	Energy-gap dependence of photoinduced charge separation and subsequent charge recombination in 1,4-phenylene-bridged zinc-free-base hybrid porphyrins. <i>Chemistry - A European Journal</i> , 2000 , 6, 33-46	4.8	72
792	Simultaneous enrichments of optical purity and (n,m) abundance of SWNTs through extraction with 3,6-carbazolyene-bridged chiral diporphyrin nanotweezers. <i>ACS Nano</i> , 2008 , 2, 2045-50	16.7	71

- 791 Synthesis of meso-beta doubly linked porphyrin tapes. *Chemical Communications*, **2003**, 1096-7 5.8 71
- 790 Chiral self-discriminative self-assembling of meso-meso linked diporphyrins. *Coordination Chemistry Reviews*, **2007**, 251, 2743-2752 23.2 70
- 789 Conformational Planarization versus Singlet Fission: Distinct Excited-State Dynamics of Cyclooctatetraene-Fused Acene Dimers. *Angewandte Chemie - International Edition*, **2018**, 57, 5438-5443^{16.4} 69
- 788 Three-dimensionally arranged windmill and grid porphyrin arrays by AgI-promoted meso-meso block oligomerization. *Chemistry - A European Journal*, **2000**, 6, 3254-71 4.8 69
- 787 Synthesis of a Tetrabenzotetraaza[8]circulene by a "Fold-In" Oxidative Fusion Reaction. *Angewandte Chemie - International Edition*, **2015**, 54, 10639-42 16.4 68
- 786 Organometallic Approaches for Direct Modification of Peripheral C-H Bonds in Porphyrin Cores. *Asian Journal of Organic Chemistry*, **2013**, 2, 356-373 3 68
- 785 Functionalization of boron dipyrin (BODIPY) dyes through iridium and rhodium catalysis: a complementary approach to alpha- and beta-substituted BODIPYs. *Chemistry - A European Journal*, **2009**, 15, 5942-9 4.8 68
- 784 Extrusion of boron(III) Subporphyrin from meso-heptakis(pentafluorophenyl)[32]heptaphyrin upon cooperative CuI and BIII metalation. *Angewandte Chemie - International Edition*, **2007**, 46, 5591-3 16.4 68
- 783 Electrical conduction through linear porphyrin arrays. *Journal of the American Chemical Society*, **2003**, 125, 11062-4 16.4 68
- 782 Internally 1,4-phenylene-bridged meso aryl-substituted expanded porphyrins: the decaphyrin and octaphyrin cases. *Angewandte Chemie - International Edition*, **2005**, 44, 7244-8 16.4 68
- 781 Substitution, dimerization, metalation, and ring-opening reactions of N-fused porphyrins. *Tetrahedron*, **2008**, 64, 4037-4050 2.4 67
- 780 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. *Chemistry - A European Journal*, **2006**, 12, 1754-9 4.8 67
- 779 N-fusion reaction sequence of heptaphyrin(1.1.1.1.1.1): singly, doubly, and quadruply N-fused heptaphyrins. *Chemistry - A European Journal*, **2006**, 12, 9095-102 4.8 67
- 778 Anion Binding Properties of N-Confused Porphyrins at the Peripheral Nitrogen. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **2004**, 49, 33-36 67
- 777 Improved synthesis of meso-aryl-substituted [26]hexaphyrins. *Organic Letters*, **2003**, 5, 3943-6 6.2 67
- 776 Transition-Metal-Free Synthesis of Carbazoles and Indoles by an S_N Ar-Based "Aromatic Metamorphosis" of Thiaarenes. *Angewandte Chemie - International Edition*, **2015**, 54, 10234-8 16.4 66
- 775 N-fused pentaphyrins and their rhodium complexes: oxidation-induced rhodium rearrangement. *Chemistry - A European Journal*, **2005**, 11, 2417-25 4.8 66
- 774 Platforms for Stable Carbon-Centered Radicals. *Angewandte Chemie - International Edition*, **2019**, 58, 8978-8986 16.4 65

773	meso-(4-(N,N-dialkylamino)phenyl)-substituted subporphyrins: remarkably perturbed absorption spectra and enhanced fluorescence by intramolecular charge transfer interactions. <i>Journal of the American Chemical Society</i> , 2008 , 130, 12234-5	16.4	64
772	Regioselective oxidative liberation of aryl-substituted tripyrrinone metal complexes from N-confused porphyrin. <i>Organic Letters</i> , 2002 , 4, 181-4	6.2	64
771	Fully Fused Quinoidal/Aromatic Carbazole Macrocycles with Poly-radical Characters. <i>Journal of the American Chemical Society</i> , 2016 , 138, 7782-90	16.4	63
770	Helicity induction and two-photon absorbance enhancement in zinc(II) meso-meso linked porphyrin oligomers via intermolecular hydrogen bonding interactions. <i>Journal of the American Chemical Society</i> , 2005 , 127, 534-5	16.4	63
769	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, 2079-82	6.2	63
768	Facile preparation of β -haloporphyrins as useful precursors of β -substituted porphyrins. <i>Organic Letters</i> , 2014 , 16, 972-5	6.2	62
767	Straightforward access to aryl-substituted tetrathiafulvalenes by palladium-catalysed direct C-H arylation and their photophysical and electrochemical properties. <i>Chemical Science</i> , 2011 , 2, 2017	9.4	62
766	Intermolecular rhodium-catalyzed carbometalation/Heck-type reaction in water. <i>Angewandte Chemie - International Edition</i> , 2006 , 45, 6336-8	16.4	62
765	A Quadruply Azulene-Fused Porphyrin with Intense Near-IR Absorption and a Large Two-Photon Absorption Cross Section. <i>Angewandte Chemie</i> , 2006 , 118, 4048-4051	3.6	62
764	Ultrafast charge transfer and radiationless relaxations from higher excited state (S ₂) of directly linked Zn-porphyrin (ZP)-acceptor dyads: investigations into fundamental problems of exciplex chemistry. <i>Chemical Physics</i> , 2003 , 295, 215-228	2.3	62
763	Synthesis and properties of hybrid porphyrin tapes. <i>Chemistry - A European Journal</i> , 2011 , 17, 14400-12	4.8	61
762	Charge transfer induced enhancement of near-IR two-photon absorption of 5,15-bis(azulenylethynyl) zinc(II) porphyrins. <i>Chemical Communications</i> , 2007 , 2479-81	5.8	61
761	Regioselective borylation of porphyrins by C-H bond activation under iridium catalysis to afford useful building blocks for porphyrin assemblies. <i>Chemistry - an Asian Journal</i> , 2007 , 2, 849-59	4.5	61
760	Facile Synthesis of Large meso-Pentafluorophenyl-Substituted Expanded Porphyrins. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 1341-1349	3.2	61
759	Enlarged pi-electronic network of a meso-meso, beta-beta, beta-beta triply linked dibenzoporphyrin dimer that exhibits a large two-photon absorption cross section. <i>Chemical Communications</i> , 2005 , 3782-4	5.8	61
758	Synthesis and photoexcited-state dynamics of aromatic group-bridged carotenoid-porphyrin dyads and carotenoid-porphyrin-pyromellitimide triads. <i>Journal of the American Chemical Society</i> , 1993 , 115, 9439-9452	16.4	61
757	Triarylporphyrin meso-Oxy Radicals: Remarkable Chemical Stabilities and Oxidation to Oxophlorin ECations. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15584-94	16.4	61
756	Redox-induced palladium migrations that allow reversible topological changes between palladium(II) complexes of M β bius aromatic [28]hexaphyrin and H β ckel aromatic [26]hexaphyrin. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 9488-91	16.4	60

- 755 Dimeric assemblies from 1,2,3-triazole-appended Zn(II) porphyrins with control of NH-tautomerism in 1,2,3-triazole. *Organic Letters*, **2008**, 10, 549-52 6.2 60
- 754 meso-Aryl-substituted [26]hexaphyrin(1.1.0.1.1.0) and [38]nonaphyrin(1.1.0.1.1.0.1.1.0) from oxidative coupling of a tripyrrane. *Angewandte Chemie - International Edition*, **2005**, 44, 2225-9 16.4 60
- 753 Photoexcitations of Covalently Bridged Zinc Porphyrin Oligomers: Frenkel versus Wannier-Mott Type Excitons. *Journal of Physical Chemistry B*, **2001**, 105, 97-104 3.4 60
- 752 A New Strategy for Construction of Covalently Linked Giant Porphyrin Arrays with One, Two, and Three Dimensionally Arranged Architectures. *Bulletin of the Chemical Society of Japan*, **2001**, 74, 1361-1379 5.1 59
- 751 A Sequential Electron-Transfer Relay in Diporphyrin-Porphyrin-Pyromellitimide Triads Analogous to That in the Photosynthetic Reaction Center. *Angewandte Chemie International Edition in English*, **1996**, 35, 92-95 59
- 750 Synthesis and characterization of meso-aryl-substituted subchlorins. *Journal of the American Chemical Society*, **2008**, 130, 438-9 16.4 58
- 749 Pt(II)- and Pt(IV)-bridged cofacial diporphyrins via carbon-transition metal sigma-bonds. *Journal of the American Chemical Society*, **2008**, 130, 14440-1 16.4 58
- 748 2,5-Thienylene-bridged triangular and linear porphyrin trimers. *Angewandte Chemie - International Edition*, **2008**, 47, 6004-7 16.4 58
- 747 A Stable Radical Species from Facile Oxygenation of meso-Free 5,10,20,25-Tetrakis(pentafluorophenyl)-Substituted [26]Hexaphyrin(1.1.1.1.1.1). *Angewandte Chemie*, **2008**, 120, 9807-9811 3.6 58
- 746 Multiple conformational changes of beta-tetraphenyl meso-hexakis(pentafluorophenyl) substituted [26] and [28]hexaphyrins(1.1.1.1.1.1). *Chemical Communications*, **2009**, 6047-9 5.8 56
- 745 Halide-anion binding by singly and doubly N-confused porphyrins. *Chemistry - an Asian Journal*, **2006**, 1, 832-44 4.5 56
- 744 The first bis-Rh(I) metal complex of N-confused porphyrin. *Chemical Communications*, **2001**, 1666-7 5.8 56
- 743 Metal complexes of chiral M₂bius aromatic [28]hexaphyrin(1.1.1.1.1.1): enantiomeric separation, absolute stereochemistry, and asymmetric synthesis. *Angewandte Chemie - International Edition*, **2010**, 49, 6619-21 16.4 55
- 742 Inner C-arylation of a doubly N-confused porphyrin-Pd complex in toluene: the possibility of a Pd³⁺ intermediate. *Chemical Communications*, **2000**, 1143-1144 5.8 55
- 741 Directly Pd(II)-bridged porphyrin belts with remarkable curvatures. *Journal of the American Chemical Society*, **2010**, 132, 11868-9 16.4 54
- 740 Perfluorinated meso-Aryl-Substituted Expanded Porphyrins. *Angewandte Chemie*, **2003**, 115, 82-86 3.6 54
- 739 Bis-rhodium hexaphyrins: metalation of [28]hexaphyrin and a smooth Hückel aromatic-antiaromatic interconversion. *Chemical Communications*, **2009**, 3762-4 5.8 53
- 738 Heterobimetal complexes of [26]hexaphyrin(1.1.1.1.1.1). *Inorganic Chemistry*, **2008**, 47, 3937-9 5.1 53

737	meso-meso linked porphyrin-[26]hexaphyrin-porphyrin hybrid arrays and their triply linked tapes exhibiting strong absorption bands in the NIR region. <i>Journal of the American Chemical Society</i> , 2015 , 137, 2097-106	16.4	52
736	Porphyrinhexaphyrin hybrid tapes. <i>Chemical Science</i> , 2011 , 2, 1414	9.4	52
735	Facile formation of N-confused porphyrin dimers by platinum(II) coordination to the outer-nitrogen atoms. <i>Angewandte Chemie - International Edition</i> , 2003 , 42, 2186-8	16.4	52
734	Regioselective nucleophilic substitution reaction of meso-hexakis(pentafluorophenyl) substituted [26]hexaphyrin. <i>Tetrahedron Letters</i> , 2003 , 44, 4597-4601	2	52
733	Highly planar diarylamine-fused porphyrins and their remarkably stable radical cations. <i>Chemical Science</i> , 2017 , 8, 189-199	9.4	51
732	meso-Hydroxysubporphyrins: A Cyclic Trimeric Assembly and a Stable meso-Oxy Radical. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6613-7	16.4	51
731	Enhancement of External Quantum Efficiency of Red Phosphorescent Organic Light-Emitting Devices with Facially Encumbered and Bulky PtII Porphyrin Complexes. <i>Advanced Functional Materials</i> , 2006 , 16, 515-519	15.6	51
730	Completely Fused Diporphyrins and Triporphyrin. <i>Angewandte Chemie</i> , 2000 , 112, 2649-2652	3.6	51
729	Effective meso fabrications of subporphyrins. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 5593-7	16.4	50
728	Thermal fusion reactions of meso-(3-thienyl) groups in [26]hexaphyrins to produce MBius aromatic molecules. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 6687-90	16.4	50
727	MBius Antiaromatic Bisphosphorus Complexes of [30]Hexaphyrins. <i>Angewandte Chemie</i> , 2010 , 122, 5070-5074	3.6	50
726	A stable organic radical delocalized on a highly twisted pi system formed upon palladium metalation of a MBius aromatic hexaphyrin. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 1489-91	16.4	50
725	[40]nonaphyrin(1.1.1.1.1.1.1.1.1) and its heterometallic complexes with palladium-carbon bonds. <i>Chemistry - A European Journal</i> , 2007 , 13, 1620-8	4.8	50
724	Pd(II) complexes of [44]- and [46]decaphyrins: the largest Hückel aromatic and antiaromatic, and MBius aromatic macrocycles. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13169-73	16.4	49
723	meso-Hibenzo[a,g]corannulene-fused porphyrins. <i>Organic Letters</i> , 2014 , 16, 2974-7	6.2	49
722	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	3.9	49
721	Acid-base and spectroelectrochemical properties of doubly N-confused porphyrins. <i>Inorganic Chemistry</i> , 2001 , 40, 2020-5	5.1	49
720	An improved synthesis of 5,15-diaryloctaalkylporphyrins. <i>Journal of Heterocyclic Chemistry</i> , 1990 , 27, 1657-1659	1.9	49

- 719 COPPER(I) IODIDE-FACILITATED NUCLEOPHILIC SUBSTITUTIONS OF NONACTIVATED ARYL IODIDES WITH ARENESELENOLATES. *Chemistry Letters*, **1981**, 10, 151-152 1.7 49
- 718 Singlet-Singlet Energy Transfer Mechanisms in Covalently-Linked Fucoxanthin and Zeaxanthin Bipyropheophorbide Molecules. *Journal of the American Chemical Society*, **1997**, 119, 6407-6414 16.4 48
- 717 Electron transfer in a hydrogen-bonded assembly consisting of porphyrin diimide. *Chemical Communications*, **1998**, 1567-1568 5.8 48
- 716 Superoctazethrene: An Open-Shell Graphene-like Molecule Possessing Large Diradical Character but Still with Reasonable Stability. *Journal of the American Chemical Society*, **2018**, 140, 14054-14058 16.4 48
- 715 Flapping viscosity probe that shows polarity-independent ratiometric fluorescence. *Journal of Materials Chemistry C*, **2017**, 5, 5248-5256 7.1 47
- 714 Switching between Aromatic and Antiaromatic 1,3-Phenylene-Strapped [26]- and [28]Hexaphyrins upon Passage to the Singlet Excited State. *Journal of the American Chemical Society*, **2015**, 137, 11856-9 16.4 47
- 713 Excitation energy migration processes in cyclic porphyrin arrays probed by single molecule spectroscopy. *Journal of the American Chemical Society*, **2008**, 130, 1879-84 16.4 47
- 712 Facile peripheral functionalization of porphyrins by Pd-catalyzed [3+2] annulation with alkynes. *Angewandte Chemie - International Edition*, **2006**, 45, 7972-5 16.4 47
- 711 Meso-meso Linked Diporphyrins from 5,10,15-Trisubstituted Porphyrins. *Chemistry Letters*, **1998**, 27, 55-56 1.7 47
- 710 Covalently linked pyropheophorbide dimers as models of the special pair in the photosynthetic reaction center. *Tetrahedron*, **1996**, 52, 4311-4326 2.4 47
- 709 Spontaneous Formation of an Air-Stable Radical upon the Direct Fusion of Diphenylmethane to a Triarylporphyrin. *Angewandte Chemie - International Edition*, **2016**, 55, 8711-4 16.4 47
- 708 Conformational control of [26]hexaphyrins(1.1.1.1.1.1) by meso-thienyl substituents. *Chemistry - A European Journal*, **2007**, 13, 196-202 4.8 46
- 707 Stability and structure of doubly N-confused porphyrins. *Journal of Organic Chemistry*, **2000**, 65, 4222-6 4.2 46
- 706 Versatile photophysical properties of meso-aryl-substituted subporphyrins: dipolar and octupolar charge-transfer interactions. *Chemistry - A European Journal*, **2009**, 15, 12005-17 4.8 45
- 705 Group 12 metal complexes of [26]hexaphyrin(1.1.1.1.1.1). *Inorganic Chemistry*, **2007**, 46, 4374-6 5.1 45
- 704 meso-Aryl substituted rubyrin and its higher homologues: structural characterization and chemical properties. *Chemistry - A European Journal*, **2008**, 14, 2668-78 4.8 45
- 703 Structures and ligand exchange of N-confused porphyrin dimer complexes with group 12 metals. *Inorganic Chemistry*, **2004**, 43, 1618-24 5.1 45
- 702 Fluorenyl Based Macrocyclic Polyradicaloids. *Journal of the American Chemical Society*, **2017**, 139, 13173-13183 16.4 44

701	Solvent-dependent aromatic versus antiaromatic conformational switching in meso-(heptakis)pentafluorophenyl [32]heptaphyrin. <i>Chemistry - A European Journal</i> , 2011 , 17, 6707-15	4.8	44
700	Porphyrim Arch-Tapes: Synthesis, Contorted Structures, and Full Conjugation. <i>Journal of the American Chemical Society</i> , 2017 , 139, 9075-9088	16.4	43
699	Solvent- and temperature-dependent conformational changes between Hückel antiaromatic and Möbius aromatic species in meso-trifluoromethyl substituted [28]hexaphyrins. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 14928-37	3.4	43
698	Facile regioselective meso-iodination of porphyrins. <i>Tetrahedron Letters</i> , 1998 , 39, 9489-9492	2	43
697	Synthesis of nanometer-scale porphyrin wheels of variable size. <i>Chemistry - A European Journal</i> , 2008 , 14, 582-95	4.8	43
696	Effective Expansion of the Subporphyrin Chromophore Through Conjugation with meso-Oligo(1,4-phenyleneethynylene) Substituents: Octupolar Effect on Two-Photon Absorption. <i>Angewandte Chemie</i> , 2008 , 120, 4918-4921	3.6	43
695	Inverted N-confused porphyrin dimer. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5077-81	16.4	43
694	Dialkyltelluronium allylide as a novel reagent for synthesis of α,β -unsaturated epoxides. <i>Tetrahedron Letters</i> , 1983 , 24, 5109-5112	2	43
693	Directly Diphenylborane-Fused Porphyrins. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3196-9	16.4	42
692	Fused corrole dimers interconvert between nonaromatic and aromatic states through two-electron redox reactions. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 3107-11	16.4	42
691	Water-soluble doubly N-confused hexaphyrin: a near-IR fluorescent Zn(II) ion sensor in water. <i>Chemical Communications</i> , 2010 , 46, 5689-91	5.8	42
690	Synthesis of directly linked zinc(II) porphyrin-imide dyads and energy gap dependence of intramolecular electron transfer reactions. <i>Chemistry - A European Journal</i> , 2003 , 9, 2854-66	4.8	42
689	Synthesis of 1,4-phenylene-bridged linear porphyrin arrays. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996 , 199		42
688	Direct observation of a consecutive two-step electron transfer in some zinc porphyrin-pyromellitimide-quinone triads which undergo the same mode of electron transfers as in the bacterial photosynthetic reaction center. <i>Journal of the American Chemical Society</i> , 1993 , 115, 12137-12143	16.4	42
687	Triply Linked Corrole Dimers. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6535-9	16.4	42
686	Synthesis of Spirocyclic Diarylfluorenes by One-Pot Twofold SNAr Reactions of Diaryl Sulfones with Diarylmethanes. <i>Organic Letters</i> , 2016 , 18, 384-7	6.2	41
685	Application of the perimeter model to the assignment of the electronic absorption spectra of gold(III) hexaphyrins with $[4n+2]$ and $[4n]$ pi-electron systems. <i>Chemistry - A European Journal</i> , 2009 , 15, 3744-51	4.8	41
684	Large porphyrin squares from the self-assembly of meso-triazole-appended L-shaped meso-meso-linked Zn(II)-triporphyrins: synthesis and efficient energy transfer. <i>Chemistry - A European Journal</i> , 2010 , 16, 5052-61	4.8	41

- 683 Length and temperature dependence of electrical conduction through dithiolated porphyrin arrays. *Chemical Physics Letters*, **2005**, 412, 303-306 2.5 41
- 682 N-Confused Porphine. *European Journal of Organic Chemistry*, **2005**, 2005, 3887-3890 3.2 41
- 681 Dicopper and disilver complexes of octaphyrin(1.1.1.1.1.1.1.1): reversible hydrolytic cleavage of the pyrrolic ring to a keto-imine. *Angewandte Chemie - International Edition*, **2005**, 44, 3726-9 16.4 41
- 680 A new synthesis of β -unsaturated carboxylic esters using dialkyltelluronium carbethoxymethylide. *Tetrahedron Letters*, **1983**, 24, 2599-2602 2 41
- 679 A Möbius antiaromatic complex as a kinetically controlled product in phosphorus insertion to a [32]heptaphyrin. *Angewandte Chemie - International Edition*, **2012**, 51, 13105-8 16.4 40
- 678 Palladium-catalyzed β -selective direct arylation of porphyrins. *Angewandte Chemie - International Edition*, **2011**, 50, 8867-70 16.4 40
- 677 Synthesis of a pyridine-fused porphyrinoid: oxopyridochlorin. *Chemical Communications*, **2009**, 1028-30 5.8 40
- 676 Meso-trialkyl-substituted subporphyrins. *Angewandte Chemie - International Edition*, **2010**, 49, 321-4 16.4 40
- 675 The third-order nonlinear optical properties of porphyrin oligomers. *Journal of Applied Physics*, **1997**, 81, 2946-2951 2.5 40
- 674 Synthesis and characterizations of free base and Cu(II) complex of a porphyrin sheet. *Tetrahedron*, **2008**, 64, 11433-11439 2.4 40
- 673 Synthesis of Doubly Strapped meso-meso-Linked Porphyrin Arrays and Triply Linked Conjugated Porphyrin Tapes. *European Journal of Organic Chemistry*, **2006**, 2006, 3193-3204 3.2 40
- 672 Dihedral-angle modulation of meso-meso-linked ZnII diporphyrin through diamine coordination and its application to reversible switching of excitation energy transfer. *Angewandte Chemie - International Edition*, **2003**, 42, 2754-8 16.4 40
- 671 Directly linked porphyrin arrays. *Chemical Record*, **2003**, 3, 225-34 6.6 40
- 670 N-Fused Pentaphyrin. *Angewandte Chemie*, **2001**, 113, 639-641 3.6 40
- 669 Synthesis of Strapped, Dimeric, and Trimeric Porphyrins Based on Intramolecular Macrocyclization Reactions. *Bulletin of the Chemical Society of Japan*, **1991**, 64, 1213-1225 5.1 40
- 668 meso, β Oligohaloporphyrins as Useful Synthetic Intermediates of Diphenylamine-Fused Porphyrin and meso-to-meso β - β Doubly Butadiyne-Bridged Diporphyrin. *Angewandte Chemie - International Edition*, **2015**, 54, 6311-4 16.4 39
- 667 Exploration of Giant Functional Porphyrin Arrays. *Bulletin of the Chemical Society of Japan*, **2015**, 88, 1-275.1 39
- 666 Reversible caterpillar-motion like isomerization in a N,N'-dimethyl hexaphyrin(1.1.1.1.1.1) induced by two-electron oxidation or reduction. *Chemical Communications*, **2005**, 3685-7 5.8 39

665	Excitation energy migration in a dodecameric porphyrin wheel. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 8643-51	3.4	39
664	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, 11683-90	3.4	39
663	Synthesis of A2B2 type cis-doubly N-confused porphyrins from N-confused dipyrromethanes. <i>Tetrahedron</i> , 2004 , 60, 2427-2432	2.4	39
662	Doubly N-fused meso-aryl substituted hexaphyrins(1.1.1.1.1.1). <i>Chemical Communications</i> , 2004 , 2682-3	5.8	39
661	Poly(zinc(II)-5,15-porphyrinylene) from silver(I)-promoted oxidation of zinc(II)-5,15-diarylporphyrins. <i>Chemical Communications</i> , 2000 , 197-198	5.8	39
660	Redox-Induced Palladium Migrations that Allow Reversible Topological Changes between Palladium(II) Complexes of Möbius Aromatic [28]Hexaphyrin and Hückel Aromatic [26]Hexaphyrin. <i>Angewandte Chemie</i> , 2010 , 122, 9678-9681	3.6	38
659	meso-Alkyl-substituted meso-meso linked diporphyrins and meso-alkyl-substituted meso-meso, beta-beta, beta-beta triply linked diporphyrins. <i>Journal of Organic Chemistry</i> , 2005 , 70, 4054-8	4.2	38
658	Syntheses, structures, and crystal packing of N-confused 5,20-diphenylporphyrin and Ag(III) complex. <i>Organic Letters</i> , 2003 , 5, 1427-30	6.2	38
657	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	3.9	38
656	Intramolecular Energy Transfer in S1- and S2-States of Porphyrin Trimers. <i>Journal of Physical Chemistry A</i> , 2001 , 105, 4822-4833	2.8	38
655	Intramolecular photoinduced electron transfer in fixed distance triads consisting of free-base porphyrin, zinc porphyrin, and electron acceptor. <i>Chemical Physics Letters</i> , 1991 , 185, 88-94	2.5	38
654	Palladium-Catalyzed ipso-Borylation of Aryl Sulfides with Diborons. <i>Organic Letters</i> , 2016 , 18, 2966-9	6.2	37
653	Directly Linked Corrole Oligomers via Facile Oxidative β -Coupling Reaction. <i>Bulletin of the Chemical Society of Japan</i> , 2012 , 85, 558-562	5.1	37
652	Windmühlenartige Porphyrinaggregate als lichtsammelnde Antennenkomplexe. <i>Angewandte Chemie</i> , 1998 , 110, 3172-3176	3.6	37
651	Supramolecular assembly of light harvesting porphyrin hexamer. <i>Tetrahedron Letters</i> , 2001 , 42, 3617-3620		37
650	Closed Pentaaza[9]helicene and Hexathia[9]/[5]helicene: Oxidative Fusion Reactions of ortho-Phenylene-Bridged Cyclic Hexapyrroles and Hexathiophenes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14688-14693	16.4	36
649	meso-Free Corroles: Syntheses, Structures, Properties, and Chemical Reactivities. <i>Chemistry - A European Journal</i> , 2015 , 21, 7772-9	4.8	36
648	Diprotonated [28]hexaphyrins(1.1.1.1.1.1): triangular antiaromatic macrocycles. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 3427-31	16.4	36

- 647 Antiaromatic hexaphyrins and octaphyrins stabilized by the hydrogen-bonding interactions of meso-imidazolyl groups. *Angewandte Chemie - International Edition*, **2012**, 51, 12459-63 16.4 36
- 646 Peripheral hexabromination, hexaphenylation, and hexaethynylation of meso-aryl-substituted subporphyrins. *Chemistry - A European Journal*, **2009**, 15, 237-47 4.8 36
- 645 Synthesis of N-confused tetraphenylporphyrin rhodium complexes having versatile metal oxidation states. *Inorganic Chemistry*, **2008**, 47, 11305-13 5.1 36
- 644 Photophysical Properties of a Three-Dimensional Zinc(II) Porphyrin Box. *Journal of Physical Chemistry B*, **2003**, 107, 9977-9988 3.4 36
- 643 Meso-meso-linked porphyrin dimer as a novel scaffold for the selective binding of oligosaccharides. *Chemical Communications*, **2000**, 1047-1048 5.8 36
- 642 Synthesis and Intramolecular Charge Separation of Fixed-Distance Triads Consisting of Zinc Porphyrin, Metal-Free Porphyrin, and Electron-Accepting Diimide Moiety. *Bulletin of the Chemical Society of Japan*, **1993**, 66, 3773-3782 5.1 36
- 641 Porphyrin-Based Air-Stable Helical Radicals. *Chemistry - A European Journal*, **2018**, 24, 572-575 4.8 36
- 640 Symmetry-breaking charge transfer in the excited state of directly linked push-pull porphyrin arrays. *Physical Chemistry Chemical Physics*, **2017**, 19, 13970-13977 3.6 35
- 639 meso-Tris(oligo-2,5-thienylene)-substituted subporphyrins. *Organic Letters*, **2010**, 12, 4148-51 6.2 35
- 638 Structural factors determining photophysical properties of directly linked zinc(II) porphyrin dimers: linking position, dihedral angle, and linkage length. *Journal of Physical Chemistry B*, **2009**, 113, 10619-27 3.4 35
- 637 Porphyrin "Lego block" strategy to construct directly meso-beta doubly linked porphyrin rings. *Angewandte Chemie - International Edition*, **2010**, 49, 3617-20 16.4 35
- 636 Boron(III) induced skeletal rearrangement of hexaphyrin(1.1.1.1.1.1) to hexaphyrin(2.1.1.0.1.1). *Angewandte Chemie - International Edition*, **2010**, 49, 4297-300 16.4 35
- 635 Complementary face-to-face dimer formation from meso-aryl subporphyrins bearing a 2-carboxyphenyl group. *Chemical Communications*, **2007**, 2938-40 5.8 35
- 634 Single-molecule spectroscopic investigation of energy migration processes in cyclic porphyrin arrays. *Journal of the American Chemical Society*, **2007**, 129, 3539-44 16.4 35
- 633 Monodisperse Giant Porphyrin Arrays. *Macromolecular Rapid Communications*, **2001**, 22, 725-740 4.8 35
- 632 A Benzene-1,3,5-Triaminyl Radical Fused with Zn -Porphyrins: Remarkable Stability and a High-Spin Quartet Ground State. *Angewandte Chemie - International Edition*, **2018**, 57, 3733-3736 16.4 34
- 631 meso-Hydroxysubporphyrins: A Cyclic Trimeric Assembly and a Stable meso-Oxy Radical. *Angewandte Chemie*, **2015**, 127, 6713-6717 3.6 34
- 630 Subporphyrins with an axial B-C bond. *Chemistry - A European Journal*, **2013**, 19, 11158-61 4.8 34

- 629 T-shaped three-coordinate copper(II) heptaphyrin complexes. *Angewandte Chemie - International Edition*, **2009**, 48, 8086-9 16.4 34
- 628 Synthesis of chiral porphyrins through Pd-catalyzed [3+2] annulation and heterochiral self-assembly. *Angewandte Chemie - International Edition*, **2008**, 47, 5378-81 16.4 34
- 627 Efficient synthesis of benzene-centered cyclic porphyrin hexamers. *Tetrahedron Letters*, **2002**, 43, 5157-5159 34
- 626 Internally 1,4-Phenylene-Bridged meso Aryl-Substituted Expanded Porphyrins: The Decaphyrin and Octaphyrin Cases. *Angewandte Chemie*, **2005**, 117, 7410-7414 3.6 34
- 625 A Simple Synthesis of Unsymmetrical Diaryl Selenides from Copper(I) Areneselenolates and Aryl Iodides. *Synthesis*, **1982**, 1982, 857-858 2.9 34
- 624 Spontaneous Formation of an Air-Stable Radical upon the Direct Fusion of Diphenylmethane to a Triarylporphyrin. *Angewandte Chemie*, **2016**, 128, 8853-8856 3.6 34
- 623 Embedding heteroatoms: an effective approach to create porphyrin-based functional materials. *Dalton Transactions*, **2017**, 46, 13322-13341 4.3 33
- 622 Synthesis of a Tetrabenzotetraaza[8]circulene by a Bold-In \square Oxidative Fusion Reaction. *Angewandte Chemie*, **2015**, 127, 10785-10788 3.6 33
- 621 Phosphorus complexes of a triply-fused [24]pentaphyrin. *Chemical Science*, **2012**, 3, 103-107 9.4 33
- 620 meso-meso-linked subporphyrin dimer. *Chemistry - A European Journal*, **2013**, 19, 16523-7 4.8 33
- 619 Fully pi-conjugated helices from oxidative cleavage of meso-aryl-substituted expanded porphyrins. *Journal of the American Chemical Society*, **2010**, 132, 2128-9 16.4 33
- 618 A π - π ,5-thienylene-bridged cyclic porphyrin tetramer: its rational synthesis and 1 : 2 binding mode with C60. *Chemical Science*, **2011**, 2, 748 9.4 33
- 617 Metathesis-like splitting reactions of metallated [36]octaphyrins(1.1.1.1.1.1.1.1): experimental and computational investigations. *Chemistry - A European Journal*, **2009**, 15, 5674-85 4.8 33
- 616 Phosphorus complexes of the first expanded isophlorins. *Chemistry - A European Journal*, **2010**, 16, 55-9 4.8 33
- 615 Porphyrin synthesis in water provides new expanded porphyrins with direct bipyrrrole linkages: isolation and characterization of two heptaphyrins. *Journal of the American Chemical Society*, **2006**, 128, 6568-9 16.4 33
- 614 Doppelt meso- π -verknüpfte Diporphyrine durch Oxidation von 5,10,15-Triaryl-substituierten NiII- und PdII-Porphyrinen. *Angewandte Chemie*, **2000**, 112, 572-575 3.6 33
- 613 An Efficient One-Pot Synthetic Procedure of Multiple Porphyrin-Cyclization. *Chemistry Letters*, **1993**, 22, 949-952 1.7 33
- 612 CHEMO- AND REGIOSELECTIVE REDUCTION OF π EPOXY KETONES TO π HYDROXY KETONES BY SODIUM HYDROGENTELLURIDE. *Chemistry Letters*, **1984**, 13, 271-272 1.7 33

- 611 Aromatic Metamorphosis of Dibenzothiophenes. *Synlett*, **2016**, 27, 1765-1774 2.2 33
- 610 Extrusion of Boron(III) Subporphyrin from meso-Heptakis(pentafluorophenyl)[32]heptaphyrin upon Cooperative CuII and BIII Metalation. *Angewandte Chemie*, **2007**, 119, 5687-5689 3.6 32
- 609 Syntheses of aryl- and arylethynyl-substituted N-confused porphyrins. *Tetrahedron*, **2007**, 63, 5137-5147 2.4 32
- 608 Cyclic dimer of a fused porphyrin zinc complex as a novel host with two pi-electronically coupled binding sites. *Chemical Communications*, **2005**, 2324-6 5.8 32
- 607 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, 11223-30 3.4 32
- 606 Anthracene-bridged z-shaped [26]hexaphyrin(1.1.1.1.1.1) dimer from the regioselective Diels-Alder reaction of a hexaphyrin with bis-o-xylene equivalents. *Angewandte Chemie - International Edition*, **2005**, 44, 932-5 16.4 32
- 605 A doubly N-fused benzohexaphyrin and its rearrangement to a fluorescent macrocycle upon DDQ oxidation. *Angewandte Chemie - International Edition*, **2005**, 44, 1856-60 16.4 32
- 604 Discrete Giant Porphyrin Arrays: Challenges to Molecular Size, Length and the Extent of Electronic EConjugation. *Synlett*, **2001**, 2001, 1663-1674 2.2 32
- 603 Synthesis of a 1,3,5-triporphyrinylbenzene. *Journal of Organic Chemistry*, **1993**, 58, 3582-3585 4.2 32
- 602 COPPER(I) IODIDE ASSISTED REACTION OF NONACTIVATED IODOARENES WITH SODIUM TRIFLUOROACETATE IN HEXAMETHYLPHOSPHORIC TRIAMIDE. NUCLEAR TRIFLUOROMETHYLATION AND DIARYL ETHER FORMATION. *Chemistry Letters*, **1982**, 11, 135-136 1.7 32
- 601 Aromatic Metamorphosis of Dibenzofurans into Triphenylenes Starting with Nickel-Catalyzed Ring-Opening C-O Arylation. *Organic Letters*, **2017**, 19, 1274-1277 6.2 31
- 600 5,20-Di(pyridin-2-yl)-[28]hexaphyrin(1.1.1.1.1.1): A Stable Hückel Antiaromatic Hexaphyrin Stabilized by Intramolecular Hydrogen Bonding and Protonation-Induced Conformational Twist To Gain Möbius Aromaticity. *Journal of Organic Chemistry*, **2015**, 80, 11726-33 4.2 31
- 599 A Stable Trimethylenemethane Triplet Diradical Based on a Trimeric Porphyrin Fused ESystem. *Angewandte Chemie - International Edition*, **2018**, 57, 9491-9494 16.4 31
- 598 Synthesis and catalytic activities of porphyrin-based PCP pincer complexes. *Angewandte Chemie - International Edition*, **2014**, 53, 1127-30 16.4 31
- 597 Two-Step, Practical, and Diversity-Oriented Synthesis of Multisubstituted Benzofurans from Phenols through Pummerer Annulation Followed by Cross-coupling. *Bulletin of the Chemical Society of Japan*, **2014**, 87, 1349-1366 5.1 31
- 596 Palladium-Catalyzed Zinc-Amide-Mediated C-H Arylation of Fluoroarenes and Heteroarenes with Aryl Sulfides. *Chemistry - A European Journal*, **2015**, 21, 14703-7 4.8 31
- 595 Hexaphyrin fused to two anthracenes. *Angewandte Chemie - International Edition*, **2012**, 51, 9856-9 16.4 31
- 594 Oxidative Fusion Reactions of meso-(Diarylamino)porphyrins. *Angewandte Chemie*, **2013**, 125, 9910-9914 3.6 31

593	Triply N-Confused Hexaphyrins: Near-Infrared Luminescent Dyes with a Triangular Shape. <i>Angewandte Chemie</i> , 2009 , 121, 5604-5607	3.6	31
592	Single molecule spectroscopic investigation on conformational heterogeneity of directly linked zinc(II) porphyrin arrays. <i>Journal of the American Chemical Society</i> , 2005 , 127, 15201-6	16.4	31
591	Doubly N-Confused Porphyrins as Efficient Sensitizers for Singlet Oxygen Generation. <i>Chemistry Letters</i> , 2003 , 32, 244-245	1.7	31
590	Photoinduced electron transfer reactions in quinone-linked zinc porphyrin arrays. <i>Chemical Physics Letters</i> , 1991 , 181, 413-418	2.5	31
589	Stable [48]-, [50]-, and [52]dodecaphyrins(1.1.0.1.1.0.1.1.0.1.1.0): the largest Hückel aromatic molecules. <i>Chemistry - A European Journal</i> , 2015 , 21, 8341-6	4.8	30
588	Nucleophilic aromatic substitution reactions of meso-bromosubporphyrin: synthesis of a thiopyrane-fused subporphyrin. <i>Chemistry - A European Journal</i> , 2014 , 20, 16194-202	4.8	30
587	Deprotonation-induced aromaticity enhancement and new conjugated networks in meso-Hexakis(pentafluorophenyl)[26]hexaphyrin. <i>Chemistry - A European Journal</i> , 2012 , 18, 15838-44	4.8	30
586	Effective meso Fabrications of Subporphyrins. <i>Angewandte Chemie</i> , 2012 , 124, 5691-5695	3.6	30
585	A Stable Organic Radical Delocalized on a Highly Twisted π System Formed Upon Palladium Metalation of a Möbius Aromatic Hexaphyrin. <i>Angewandte Chemie</i> , 2010 , 122, 1531-1533	3.6	30
584	A Self-Assembled Porphyrin Box from meso-meso-Linked Bis{5-p-pyridyl-15-(3,5-di-octyloxyphenyl)porphyrinato zinc(II)}. <i>Angewandte Chemie</i> , 2002 , 114, 2941-2945	3.6	30
583	meso-Aryl-Substituted [26]Hexaphyrin(1.1.0.1.1.0) and [38]Nonaphyrin(1.1.0.1.1.0.1.1.0) from Oxidative Coupling of a Tripyrrane. <i>Angewandte Chemie</i> , 2005 , 117, 2265-2269	3.6	30
582	First optical resolution of meso-meso linked diporphyrin. <i>Tetrahedron Letters</i> , 2000 , 41, 9287-9291	2	30
581	Vollständig regioselektive Synthese von direkt verknüpften meso-meso- und meso- μ -Porphyrindimeren durch elektrochemische Eintopfoxidation von Metalloporphyrinen. <i>Angewandte Chemie</i> , 1999 , 111, 140-142	3.6	30
580	Photoinduced Charge Transfer along a meso,meso-Linked Porphyrin Array. <i>Journal of Physical Chemistry B</i> , 1999 , 103, 11242-11245	3.4	30
579	Sequential Electron Transfer Leading to Long-Lived Charge Separated State in a PorphyrinOxochlorinPyromellitimide Triad. <i>Bulletin of the Chemical Society of Japan</i> , 1995 , 68, 262-276	5.1	30
578	Triply Linked Porphyrinoids. <i>Chemistry - A European Journal</i> , 2018 , 24, 17188-17200	4.8	30
577	Stable Subporphyrin meso-Aminyl Radicals without Resonance Stabilization by a Neighboring Heteroatom. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7435-7439	16.4	29
576	Aromaticity Reversal in the Lowest Excited Triplet State of Archetypical Möbius Heteroannulenic Systems. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6487-91	16.4	29

- 575 Compression of a Flapping Mechanophore Accompanied by Thermal Void Collapse in a Crystalline Phase. *Journal of the American Chemical Society*, **2018**, 140, 6245-6248 16.4 29
- 574 SiIV incorporation into a [28]hexaphyrin that triggered formation of Möbius aromatic molecules. *Chemistry - A European Journal*, **2014**, 20, 8274-8 4.8 29
- 573 Synthesis of direct π - π linked porphyrin arrays with large electronic interactions: branched and cyclic oligomers. *Angewandte Chemie - International Edition*, **2014**, 53, 11088-91 16.4 29
- 572 Direct arylation of meso-formyl porphyrin. *Chemistry - A European Journal*, **2013**, 19, 64-8 4.8 29
- 571 Synthesis of [n]Cyclo-5,15-porphyrinylene-4,4'-biphenylenes Displaying Size-Dependent Excitation-Energy Hopping. *Angewandte Chemie - International Edition*, **2015**, 54, 15197-201 16.4 29
- 570 Synthesis of a [26]hexaphyrin bis-Pd(II) complex with a characteristic aromatic circuit. *Chemistry - A European Journal*, **2013**, 19, 7314-8 4.8 29
- 569 Synthesis and properties of boron(III)-coordinated subbacteriochlorins. *Journal of the American Chemical Society*, **2011**, 133, 4254-6 16.4 29
- 568 Conformational changes of meso-aryl substituted expanded porphyrins upon protonation: effects on photophysical properties and aromaticity. *Journal of Physical Chemistry B*, **2009**, 113, 5794-802 3.4 29
- 567 Structural dependence on excitation energy migration processes in artificial light harvesting cyclic zinc(II) porphyrin arrays. *Journal of Physical Chemistry B*, **2009**, 113, 15074-82 3.4 29
- 566 Nucleophilic Substitution Reactions of meso-5,10,15-Tris(pentafluorophenyl)corrole; Synthesis of ABC-Type Corroles and Corrole-Based Organogels. *European Journal of Organic Chemistry*, **2010**, 2010, 2379-2386 3.2 29
- 565 Exploration of electronically interactive cyclic porphyrin arrays. *Journal of Organometallic Chemistry*, **2007**, 692, 148-155 2.3 29
- 564 Experimental and theoretical investigations into the paratropic ring current of a porphyrin sheet. *Chemistry - an Asian Journal*, **2007**, 2, 860-6 4.5 29
- 563 The importance of a beta-beta bond for long-range antiferromagnetic coupling in directly linked copper(II) and silver(II) diporphyrins. *Angewandte Chemie - International Edition*, **2005**, 44, 6899-901 16.4 29
- 562 Synthesis of Corrole Derivatives through Regioselective Ir-Catalyzed Direct Borylation. *Angewandte Chemie*, **2005**, 117, 6921-6924 3.6 29
- 561 FACILE SUBSTITUTION REACTION BETWEEN NONACTIVATED ARYL IODIDES AND ARENETHIOLATES IN THE PRESENCE OF COPPER(I) IODIDE. *Chemistry Letters*, **1980**, 9, 1363-1364 1.7 29
- 560 Multifaceted [36]octaphyrin(1.1.1.1.1.1.1.1): deprotonation-induced switching among nonaromatic, Möbius aromatic, and Hückel antiaromatic species. *Chemical Communications*, **2016**, 52, 6076-8 5.8 29
- 559 Base-Free Palladium-Catalyzed Cross-Coupling of Arylsulfonium Salts with Sodium Tetraarylborates. *Synthesis*, **2015**, 47, 3286-3291 2.9 28
- 558 Synthesis of Doubly π - π ,3-Butadiyne-Bridged Diporphyrins: Enforced Planar Structures and Large Two-Photon Absorption Cross Sections. *Angewandte Chemie*, **2007**, 119, 5217-5220 3.6 28

557	Synthesis of meso-azulenylporphyrins. <i>Organic Letters</i> , 2005 , 7, 1055-8	6.2	28
556	A theoretical study on the third-order nonlinear optical properties of pi-conjugated linear porphyrin arrays. <i>Journal of Physical Chemistry A</i> , 2006 , 110, 4888-99	2.8	28
555	Zinc complex of N-confused calix[4]phyrin. <i>Inorganic Chemistry Communication</i> , 2003 , 6, 398-401	3.1	28
554	Magnetic field effects in the radical ion pair recombination of fixed-distance triads consisting of porphyrins and an electron acceptor. <i>The Journal of Physical Chemistry</i> , 1995 , 99, 13930-13937		28
553	Evaluation of Charge Resonance Character in Excited Triplet Dimers Studied by Time-Resolved Electron Paramagnetic Resonance: Aromatic Ring-Bridged Porphyrin Dimers. <i>The Journal of Physical Chemistry</i> , 1994 , 98, 9431-9436		28
552	Long-lived charge separated states from distance fixed triads consisting of zinc porphyrin, free-base porphyrin, and pyromellitimide. <i>Chemical Physics Letters</i> , 1992 , 199, 302-308	2.5	28
551	arylation of Ketimines with Aryl Sulfides at a Low Palladium Catalyst Loading. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 4573-6	16.4	28
550	A Description of Vibrational Modes in Hexaphyrins: Understanding the Aromaticity Reversal in the Lowest Triplet State. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 11930-4	16.4	28
549	Thienylquinonoidal Porphyrins and Hexaphyrins with Singlet Diradical Ground States. <i>Chemistry - A European Journal</i> , 2017 , 23, 8969-8979	4.8	27
548	Unraveling Excited-Singlet-State Aromaticity via Vibrational Analysis. <i>Chem</i> , 2017 , 3, 870-880	16.2	27
547	Palladium-Catalyzed Amination of Aryl Sulfides with Aliphatic Amines. <i>European Journal of Organic Chemistry</i> , 2015 , 2015, 2678-2682	3.2	27
546	Negative differential resistance by molecular resonant tunneling between neutral tribenzosubporphine anchored to a Au(111) surface and tribenzosubporphine cation adsorbed on to a tungsten tip. <i>Journal of the American Chemical Society</i> , 2013 , 135, 14159-66	16.4	27
545	Modulation of dual electronic circuits of [26]hexaphyrins using internal aromatic straps. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12997-3001	16.4	27
544	Platinum(II) and Platinum(IV) Porphyrin Pincer Complexes: Synthesis, Structures, and Reactivity. <i>Organometallics</i> , 2010 , 29, 3997-4000	3.8	27
543	Double cleavage of sp ² C-H and sp ³ C-H bonds on one metal center: DMF-appended cyclometalated platinum(II) and -(IV) porphyrins. <i>Inorganic Chemistry</i> , 2009 , 48, 795-7	5.1	27
542	meso-Trifluoromethyl-substituted Subporphyrin from Ring-splitting Reaction of meso-Trifluoromethyl-substituted [32]Heptaphyrin(1.1.1.1.1.1). <i>Chemistry Letters</i> , 2010 , 39, 439-441 ¹⁻⁷		27
541	2,5-Thienylene-Bridged Triangular and Linear Porphyrin Trimers. <i>Angewandte Chemie</i> , 2008 , 120, 6093-6096		27
540	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	4.7	27

- 539 Effective stabilization of a planar phosphorus(III) center embedded in a porphyrin-based fused aromatic skeleton. *Chemical Science*, **2017**, 8, 8231-8239 9.4 26
- 538 Synthesis, Structures, and Near-IR Absorption of Heterole-Fused Earring Porphyrins. *Angewandte Chemie - International Edition*, **2019**, 58, 8124-8128 16.4 26
- 537 Metal Complexes of meso-meso Linked Corrole Dimers. *Inorganic Chemistry*, **2016**, 55, 8920-7 5.1 26
- 536 Solvent and Structural Fluctuations Induced Symmetry-Breaking Charge Transfer in a Porphyrin Triad. *Journal of Physical Chemistry C*, **2018**, 122, 19409-19415 3.8 26
- 535 Palladium(II)-triggered rearrangement of heptaphyrins to N-confused porphyrins. *Angewandte Chemie - International Edition*, **2011**, 50, 3475-8 16.4 26
- 534 Singly N-fused Möbius aromatic [28]hexaphyrins(1.1.1.1.1.1). *Journal of Organic Chemistry*, **2010**, 75, 7958-61 26
- 533 Strategic synthesis of 2,6-pyridylene-bridged beta-to-beta porphyrin nanorings through cross-coupling. *Chemistry - A European Journal*, **2010**, 16, 3009-12 4.8 26
- 532 Pyrrole-bridged porphyrin nanorings. *Chemistry - A European Journal*, **2010**, 16, 13320-4 4.8 26
- 531 Perturbation of Electronic States and Energy Relaxation Dynamics in a Series of Phenylene Bridged ZnII Porphyrin Dimers. *Journal of Physical Chemistry C*, **2007**, 111, 14881-14888 3.8 26
- 530 Crystal structures of palladium(II) and copper(II) complexes of meso-phenyl tripyrrinone. *Inorganic Chemistry Communication*, **2003**, 6, 162-164 3.1 26
- 529 Synthesis of 1,3-Dioxane-Bridged Pyropheophorbide-Diimide and Pyropheophorbide Dimer and Their Intramolecular Electron and Energy Transfer. *Bulletin of the Chemical Society of Japan*, **1995**, 68, 2909-2915 5.1 26
- 528 Synthesis of a 1,2-phenylene-bridged triporphyrin. *Journal of Organic Chemistry*, **1992**, 57, 7355-7359 4.2 26
- 527 Synthesis of novel porphyrin dimers with twisted orientations: models for biological excitation energy and electron transfer reactions. *Journal of the Chemical Society Chemical Communications*, **1988**, 1243 26
- 526 REDUCTION OF AROMATIC AND ALIPHATIC NITRO COMPOUNDS BY SODIUM HYDROGEN TELLURIDE. *Chemistry Letters*, **1983**, 12, 1373-1374 1.7 26
- 525 A Facile Displacement of Tertiary Nitro Group by Hydrogen with Sodium Hydrogentelluride. *Bulletin of the Chemical Society of Japan*, **1985**, 58, 1067-1068 5.1 26
- 524 PdII Complexes of [44]- and [46]Decaphyrins: The Largest Hückel Aromatic and Antiaromatic, and Möbius Aromatic Macrocycles. *Angewandte Chemie*, **2014**, 126, 13385-13389 3.6 25
- 523 Aromatic-to-antiaromatic switching in triply linked porphyrin bis(rhodium(I)) hexaphyrin hybrids. *Chemistry - an Asian Journal*, **2012**, 7, 889-93 4.5 25
- 522 Palladium-catalyzed dimerization of meso-bromoporphyrins: highly regioselective meso-beta coupling through unprecedented remote C-H bond cleavage. *Chemistry - A European Journal*, **2009**, 15, 12208-11 4.8 25

521	Metal Complexes of Chiral M _B ius Aromatic [28]Hexaphyrin(1.1.1.1.1.1): Enantiomeric Separation, Absolute Stereochemistry, and Asymmetric Synthesis. <i>Angewandte Chemie</i> , 2010 , 122, 6769-6771	3.6	25
520	Photosensitizing Properties of Diazaporphyrin Derivatives for Singlet Oxygen Generation. <i>Chemistry Letters</i> , 2005 , 34, 322-323	1.7	25
519	Observations of the whole bell-shaped energy gap law in the intra-molecular charge separation (CS) from S ₂ state of directly linked Zn porphyrin/imide dyads: Examinations of wider range of energy gap (ΔCS) for the CS rates in normal regions. <i>Chemical Physics Letters</i> , 2005 , 403, 163-168	2.5	25
518	meso-Triaryl-Substituted Smaragdyrins: Facile Aromaticity Switching. <i>Journal of the American Chemical Society</i> , 2018 , 140, 16553-16559	16.4	25
517	Singly and Doubly 1,2-Phenylene-Inserted Porphyrin Arch-Tape Dimers: Synthesis and Highly Contorted Structures. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 6304-6308	16.4	24
516	Combined Experimental and Theoretical Investigations on Optical Activities of M _B ius Aromatic and M _B ius Antiaromatic Hexaphyrin Phosphorus Complexes. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 4241-8	2.8	24
515	Regioselective phenylene-fusion reactions of Ni(ii)-porphyrins controlled by an electron-withdrawing -substituent. <i>Chemical Science</i> , 2016 , 7, 4059-4066	9.4	24
514	Fused Corrole Dimers Interconvert between Nonaromatic and Aromatic States through Two-Electron Redox Reactions. <i>Angewandte Chemie</i> , 2015 , 127, 3150-3154	3.6	24
513	Porphyrinylboranes Synthesized via Porphyrinylolithiums. <i>Chemistry - A European Journal</i> , 2015 , 21, 11311-11314	4.8	24
512	Preferential formation of cyclic trimers by palladium-catalyzed oxidative coupling reactions of 2,18-diethynylporphyrins. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 12357-61	16.4	24
511	Meso-beta doubly linked Zn(II) porphyrin trimers: distinct anti-versus-syn effects on their photophysical properties. <i>Organic Letters</i> , 2009 , 11, 3080-3	6.2	24
510	Polarity-Tuned Energy Transfer Efficiency in Artificial Light-Harvesting Antennae Containing Carbonyl Carotenoids Peridinin and Fucoxanthin. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 467-476	3.8	24
509	Intramolecular [3+2] annulation of 5-Aryl-, 20-ethynyl-substituted [26]hexaphyrin(1.1.1.1.1.1) triggered by molecular compression through a dynamic conformational change. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 5171-4	16.4	24
508	First synthesis of tetrapyrrolylporphyrin. <i>Organic Letters</i> , 2000 , 2, 187-9	6.2	24
507	A Convenient One-Pot Synthesis of 2,3-Disubstituted Indoles. <i>Synthesis</i> , 1984 , 1984, 616-617	2.9	24
506	Stable Boron Peroxides with a Subporphyrinato Ligand. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2596-9	16.4	24
505	Demetalation of metal porphyrins via magnesium porphyrins by reaction with Grignard reagents. <i>Chemistry - A European Journal</i> , 2013 , 19, 9123-6	4.8	24
504	Conformational Planarization versus Singlet Fission: Distinct Excited-State Dynamics of Cyclooctatetraene-Fused Acene Dimers. <i>Angewandte Chemie</i> , 2018 , 130, 5536-5541	3.6	23

- 503 Deprotonation induced formation of Möbius aromatic [32]heptaphyrins. *Chemical Communications*, **2014**, 50, 548-50 5.8 23
- 502 Peripheral arylation of subporphyrazines. *Chemistry - A European Journal*, **2013**, 19, 10353-9 4.8 23
- 501 A Stable Organic Radical of a Zinc(II)-Copper(I)-Zinc(II) Complex of Decaphyrin. *Angewandte Chemie - International Edition*, **2015**, 54, 10908-11 16.4 23
- 500 Subporphyrinato boron(III) hydrides. *Journal of the American Chemical Society*, **2015**, 137, 1056-9 16.4 23
- 499 Toward ultralow-bandgap liquid crystalline semiconductors: use of triply fused metalloporphyrin trimer-pentamer as extra-large extended mesogenic motifs. *Chemistry - A European Journal*, **2012**, 18, 10554-61 4.8 23
- 498 Palladium-Catalyzed Selective Direct Arylation of Porphyrins. *Angewandte Chemie*, **2011**, 123, 9029-9033 3.6 23
- 497 Rearrangements of a [36]octaphyrin triggered by nickel(II) metalation: metamorphosis to a directly meso-linked diporphyrin. *Angewandte Chemie - International Edition*, **2011**, 50, 11460-4 16.4 23
- 496 Möbius aromatic [28]hexaphyrin phosphonium adducts. *Chemistry - A European Journal*, **2011**, 17, 9028-31 4.8 23
- 495 Rapid intramolecular hole hopping in meso-meso and meta-phenylene linked linear and cyclic multiporphyrin arrays. *Journal of the American Chemical Society*, **2010**, 132, 1383-8 16.4 23
- 494 Bay-area selective thermal [4+2] and [4+4] cycloaddition reactions of triply linked ZnII diporphyrin with o-xylene. *Chemistry - A European Journal*, **2008**, 14, 204-11 4.8 23
- 493 Spectroscopic and theoretical studies of optically active porphyrin dimers: a system uninterpretable by exciton coupling theory. *ChemPhysChem*, **2006**, 7, 1235-40 3.2 23
- 492 Synthesis of pyrrolidine-fused [34]- and [36]octaphyrins via 1,3-dipolar cycloaddition. *Organic Letters*, **2006**, 8, 1169-72 6.2 23
- 491 Photoinduced Electron Transfer and Molecular Orientation of Zinc Porphyrin Imide Dyads in Langmuir-Blodgett Monolayer Films. *Journal of Physical Chemistry B*, **1998**, 102, 7858-7865 3.4 23
- 490 Copper(I) Iodide-Promoted Arylation of Ethyl Sodiocynoacetate. *Synthesis*, **1983**, 1983, 67-68 2.9 23
- 489 Quadruply Twisted Hückel-Aromatic Dodecaphyrin. *Angewandte Chemie - International Edition*, **2018**, 57, 15882-15886 16.4 23
- 488 Nickel(II)-Catalyzed Cross-Coupling of 2-Methylsulfanylbenzofurans with Alkyl Grignard Reagents. *Synlett*, **2015**, 26, 327-330 2.2 22
- 487 Synthesis, Structures, and Optical Properties of Azahelicene Derivatives and Unexpected Formation of Azahepta[8]circulenes. *Chemistry - A European Journal*, **2018**, 24, 7489-7497 4.8 22
- 486 Pictet-Spengler Synthesis of Quinoline-Fused Porphyrins and Phenanthroline-Fused Diporphyrins. *Angewandte Chemie - International Edition*, **2016**, 55, 13038-13042 16.4 22

- 485 Triply Linked Corrole Dimers. *Angewandte Chemie*, **2016**, 128, 6645-6649 3.6 22
- 484 2,3,17,18-Tetraethylsulfanyl [30]hexaphyrin(1.1.1.1.1.1) as the first aromatic isophlorin-type free-base. *Chemical Science*, **2013**, 4, 1087 9.4 22
- 483 meso-to-meso and meso-to-meso doubly butadiyne-bridged diporphyrin. *Angewandte Chemie*, **2015**, 127, 6409-6412 3.6 22
- 482 Ensemble and single-molecule spectroscopic study on excitation energy transfer processes in 1,3-phenylene-linked perylenebisimide oligomers. *Journal of Physical Chemistry B*, **2012**, 116, 1244-55 3.4 22
- 481 Synthesis of A2B6-type [36]octaphyrins: copper(II)-metalation-induced fragmentation reactions to porphyrins and N-fusion reactions of meso-(3-thienyl) substituents. *Chemistry - an Asian Journal*, **2012**, 7, 1340-6 4.5 22
- 480 Facile synthesis of meso-arylamino- and alkylaminosubporphyrins. *Chemistry - A European Journal*, **2012**, 18, 8929-33 4.8 22
- 479 Synthesis of Carbazole-Containing Porphyrinoids by a Multiple Annulation Strategy: A Core-Modified and Expanded Porphyrin. *Angewandte Chemie*, **2011**, 123, 5809-5812 3.6 22
- 478 Synthesis of meso-5-azaindolyl-appended Zn(II) porphyrins via Pd-catalyzed annulation. *Organic Letters*, **2007**, 9, 2493-6 6.2 22
- 477 Phosphonium ylides from nucleophilic addition of triphenylphosphine to [26]hexaphyrin(1.1.1.1.1.1). *Organic Letters*, **2005**, 7, 4381-4 6.2 22
- 476 Excitonic coupling strength and coherence length in the singlet and triplet excited states of meso-meso directly linked Zn(II)porphyrin arrays. *ChemPhysChem*, **2004**, 5, 57-67 3.2 22
- 475 Observation of quantum coherence for recurrence motion of exciton in anthracene dimers in solution. *Journal of the American Chemical Society*, **2003**, 125, 7192-3 16.4 22
- 474 Resonance Raman Spectroscopic Investigation of Directly Linked Zinc(II) Porphyrin Linear Arrays. *Journal of Physical Chemistry A*, **2002**, 106, 2359-2368 2.8 22
- 473 Coordination control of intramolecular electron transfer in boronate-bridged zinc porphyrin-diimide molecules. *Journal of Organic Chemistry*, **2000**, 65, 8747-57 4.2 22
- 472 Synthesis of Benzochlorin Monomer, Dimer, and Porphyrin-Benzochlorin Heterodimer from 5-Aryl- and 5,15-Diaryl-octaethylporphyrins. *Bulletin of the Chemical Society of Japan*, **1992**, 65, 3322-3330 5.1 22
- 471 REDUCTION OF HALOCARBONYL COMPOUNDS WITH SODIUM HYDROGEN TELLURIDE. *Chemistry Letters*, **1983**, 12, 119-120 1.7 22
- 470 Internally 2,5-Thienylene-Bridged [46]Decaphyrin: (Annuleno)annulene Network Consisting of Möbius Aromatic Thia[28]hexaphyrins and Strong Hückel Aromaticity of its Protonated Form. *Angewandte Chemie - International Edition*, **2017**, 56, 3232-3236 16.4 21
- 469 Stable Ni Porphyrin meso-Oxy Radical with a Quartet Ground State. *Chemistry - A European Journal*, **2017**, 23, 7217-7220 4.8 21
- 468 Closed Pentaaza[9]helicene and Hexathia[9]/[5]helicene: Oxidative Fusion Reactions of ortho-Phenylene-Bridged Cyclic Hexapyrroles and Hexathiophenes. *Angewandte Chemie*, **2017**, 129, 14880-14885 3.6 21

- 467 Platforms for Stable Carbon-Centered Radicals. *Angewandte Chemie*, **2019**, 131, 9074-9082 3.6 21
- 466 Triphenylsilane-fused Porphyrins. *Chemistry - an Asian Journal*, **2016**, 11, 1738-46 4.5 21
- 465 Peripherally cyclometalated iridium complexes of dipyritylporphyrin. *Dalton Transactions*, **2011**, 40, 8773-5 3.5 21
- 464 meso,meso'-Bis(5-azaindol-2-yl)-appended meso-meso-linked Zn(II) diporphyrin: a discrete fluorescent assembly. *Organic Letters*, **2009**, 11, 5322-5 6.2 21
- 463 Optical Resolution and Diameter-Based Enrichment of Single-Walled Carbon Nanotubes through Simultaneous Recognition of Their Helicity and Diameter with Chiral Monoporphyrin. *Journal of Physical Chemistry C*, **2009**, 113, 9108-9113 3.8 21
- 462 A meso-meso directly linked octameric porphyrin square. *Chemical Communications*, **2008**, 4067-9 5.8 21
- 461 Efficient rhodium-catalyzed installation of unsaturated ester functions onto porphyrins: site-specific Heck-type addition versus conjugate addition. *Chemistry - A European Journal*, **2008**, 14, 4256-62 4.8 21
- 460 Synthesis and characterization of fully conjugated porphyrin tapes. *Israel Journal of Chemistry*, **2005**, 45, 293-302 3.4 21
- 459 Extended molecular assembly of crown ether appended meso-meso coupled diporphyrin. *Tetrahedron Letters*, **2000**, 41, 8527-8531 2 21
- 458 Spatially Resolved Thermalization Dynamics of Electronically Photoexcited Azulene Probed by a Molecular Integrated Thermometer. *Journal of Physical Chemistry A*, **1999**, 103, 9591-9600 2.8 21
- 457 Synthesis of Quinone-linked Porphyrin Dimer, Trimer, and Tetramer As Models for Photosynthetic Reaction Center. *Chemistry Letters*, **1991**, 20, 481-484 1.7 21
- 456 Synthesis of Arenephosphonates by Copper(I) Iodide-Promoted Arylation of Phosphite Anions. *Synthesis*, **1983**, 1983, 69-71 2.9 21
- 455 A FACILE SYNTHETIC ROUTE TO SOME ARYLMALONONITRILES. *Chemistry Letters*, **1983**, 12, 589-590 1.7 21
- 454 COPPER(I) IODIDE-PROMOTED CYCLIZATION OFN-2-HALOARYL-ANDN-(2-HALOARYL)METHYL-SUBSTITUTED ENAMINONES. *Chemistry Letters*, **1982**, 11, 2031-2034 1.7 21
- 453 Synthesis of a Covalently Linked Bacteriopyropheophorbide --- Pyropheophorbide Hybrid Dimer. *Heterocycles*, **1997**, 44, 165 0.8 21
- 452 Double Ring Expansion from an Aromatic [18]Porphyrin(1.1.1.1) to an Antiaromatic [20]Porphyrin(2.1.2.1). *Angewandte Chemie - International Edition*, **2016**, 55, 8095-9 16.4 21
- 451 ortho-Phenylene-Bridged Cyclic Oligopyrroles: Conformational Flexibilities and Optical Properties. *Chemistry - A European Journal*, **2016**, 22, 10597-606 4.8 20
- 450 A 1,3-phenylene-bridged hexameric porphyrin wheel and efficient excitation energy transfer along the wheel. *Chemistry - A European Journal*, **2013**, 19, 13328-36 4.8 20

449	Synthesis of [n]Cyclo-5,15-porphyrinylene-4,4'-biphenylenes Displaying Size-Dependent Excitation-Energy Hopping. <i>Angewandte Chemie</i> , 2015 , 127, 15412-15416	3.6	20
448	DiDiborylated Subporphyrinato Boron(III) Complexes as Useful Synthetic Precursors. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9275-9	16.4	20
447	Direct meso-alkynylation of porphyrins doubly assisted by pyridyl coordination. <i>Organic Letters</i> , 2012 , 14, 2778-81	6.2	20
446	A Möbius Antiaromatic Complex as a Kinetically Controlled Product in Phosphorus Insertion to a [32]Heptaphyrin. <i>Angewandte Chemie</i> , 2012 , 124, 13282-13285	3.6	20
445	Rational synthesis of A2B-type meso-triarylsbporphyrins. <i>Organic Letters</i> , 2012 , 14, 2694-7	6.2	20
444	An electron-deficient porphyrin tape. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 1811-6	4.5	20
443	Synthesis of BODIPY-Appended Subporphyrins. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 71-73, 2	3.2	20
442	Synthesis of meso,meso'-pyrrole-bridged diporphyrins by Cu(I)-mediated annulation. <i>Organic Letters</i> , 2010 , 12, 1820-3	6.2	20
441	Thermal Fusion Reactions of meso-(3-Thienyl) Groups in [26]Hexaphyrins to Produce Möbius Aromatic Molecules. <i>Angewandte Chemie</i> , 2009 , 121, 6815-6818	3.6	20
440	Fluorescence dynamics of directly meso-meso linked porphyrin rings probed by single molecule spectroscopy. <i>Journal of the American Chemical Society</i> , 2009 , 131, 1488-94	16.4	20
439	Synthesis of directly and doubly linked dioxoisobacteriochlorin dimers. <i>Journal of the American Chemical Society</i> , 2008 , 130, 16172-3	16.4	20
438	3,3'- and 4,4'-biphenylene-bridged subporphyrin dimers. <i>Organic Letters</i> , 2008 , 10, 5561-4	6.2	20
437	Synthesis of calix[3]dipyrins by a modified Lindsey protocol. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 2306-9	16.4	20
436	Hydrogen Bonding 1-D Chain Network of cis-Doubly N-Confused Porphyrins. <i>Supramolecular Chemistry</i> , 2003 , 15, 447-450	1.8	20
435	Control of dihedral angle of meso-meso linked diporphyrins by introducing dioxymethylene straps of various length. <i>Organic Letters</i> , 2000 , 2, 2963-6	6.2	20
434	An Efficient Synthesis of Linear Porphyrin Arrays. <i>Chemistry Letters</i> , 1993 , 22, 1505-1508	1.7	20
433	A SIMPLE ONE-POT CONVERSION OF ARYL HALIDES INTO ARYLACETONITRILES. <i>Chemistry Letters</i> , 1983 , 12, 193-194	1.7	20
432	First-Generation Subporphyrinatoboron(III) Sensitizers Surpass the 10 % Power Conversion Efficiency Threshold. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10287-91	16.4	20

- 431 M \bar{B} ius Aromatic [28]Hexaphyrin Germanium(IV) and Tin(IV) Complexes: Efficient Formation of Triplet Excited States. *Angewandte Chemie - International Edition*, **2017**, 56, 3982-3986 16.4 19
- 430 The Extension of Baird's Rule to Twisted Heteroannulenes: Aromaticity Reversal of Singly and Doubly Twisted Molecular Systems in the Lowest Triplet State. *Angewandte Chemie - International Edition*, **2017**, 56, 2932-2936 16.4 19
- 429 meso-Cumulenic 2H-Corroles from meso-Ethynyl-3H-corroles. *Angewandte Chemie - International Edition*, **2017**, 56, 7223-7226 16.4 19
- 428 Regioselective palladation of a M \bar{B} ius aromatic [28]hexaphyrin(1.1.1.1.1.1) Pd(II) complex. *Chemistry - A European Journal*, **2012**, 18, 7036-40 4.8 19
- 427 2,3,17,18-Tetrahalohexaphyrins and the first phlorin-type hexaphyrins. *Chemistry - an Asian Journal*, **2013**, 8, 1994-2002 4.5 19
- 426 Synthesis of a diimidazolylporphyrin pincer palladium complex. *Journal of Porphyrins and Phthalocyanines*, **2011**, 15, 534-538 1.8 19
- 425 Singlet energy transfer in bis(phenylethynyl)phenylene-bridged zinc free base hybrid diporphyrins. *Journal of the Chemical Society Perkin Transactions II*, **1997**, 479-484 19
- 424 Quantum-chemical investigation of the electroabsorption spectra of directly meso-meso-linked porphyrin arrays: essential role of charge-transfer excited states accidentally overlapping with soret bands. *Journal of Physical Chemistry A*, **2005**, 109, 703-13 2.8 19
- 423 Comparative Studies on Energy Relaxation Dynamics of Directly Linked ZnII Porphyrin Dimers with Different Dihedral Angles. *Journal of Physical Chemistry A*, **2003**, 107, 1897-1903 2.8 19
- 422 Modulation of axial coordination in N-confused porphyrin-antimony(V) dibromide complex by proton stimulus. *Chemical Communications*, **2003**, 1908-9 5.8 19
- 421 Photophysical properties of meso, meso-linked porphyrin arrays: steady-state and time-resolved fluorescence polarization. *Synthetic Metals*, **2001**, 117, 183-187 3.6 19
- 420 Photophysical characteristics of two model antenna systems: a fucoxanthin β yrropheoporbide dyad and its peridinin analogue. *Chemical Physics Letters*, **1999**, 313, 499-504 2.5 19
- 419 Change of electron-transfer path-selectivity in a triad by F π coordination at a boronate-ester bridge. *Chemical Communications*, **1999**, 2181-2182 5.8 19
- 418 Excitation Energy Migration in Multiporphyrin Arrays. *Bulletin of the Korean Chemical Society*, **2005**, 26, 19-31 1.2 19
- 417 Synthesis and Characterization of cis-A2B-Type meso-Triaryl-Substituted Corroles. *European Journal of Organic Chemistry*, **2015**, 2015, 130-134 3.2 18
- 416 A M \bar{B} ius aromatic [28]hexaphyrin bearing a diethylamine group: a rigid but smooth conjugation circuit. *Angewandte Chemie - International Edition*, **2015**, 54, 5456-9 16.4 18
- 415 Diprotonated [28]Hexaphyrins(1.1.1.1.1.1): Triangular Antiaromatic Macrocycles. *Angewandte Chemie*, **2014**, 126, 3495-3499 3.6 18
- 414 Antiaromatic Hexaphyrins and Octaphyrins Stabilized by the Hydrogen-Bonding Interactions of meso-Imidazolyl Groups. *Angewandte Chemie*, **2012**, 124, 12627-12631 3.6 18

413	A meso-spiro[cyclopentadiene-isoporphyrin] from a phenylethynyl porphyrin platinum(II) pincer complex. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 3174-7	16.4	18
412	Energy and electron transfer properties of methyl pheophorbide-a in zinc porphyrin-pheophorbide dyads. <i>Tetrahedron</i> , 1997 , 53, 13657-13666	2.4	18
411	Electrical transport properties and their reproducibility for linear porphyrin arrays. <i>Materials Science and Engineering C</i> , 2006 , 26, 1023-1027	8.3	18
410	meso-aryl expanded porphyrins: synthesis, structures, and coordination chemistry. <i>Journal of Porphyrins and Phthalocyanines</i> , 2004 , 08, 175-181	1.8	18
409	Oxidative direct coupling of metalloporphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2003 , 07, 264-269	1.8	18
408	STM images of individual porphyrin hexamers; meso-meso singly linked orthogonal hexamer and meso-meso, beta-beta, beta-beta triply-linked planar hexamer on Cu(100) surface. <i>Chemical Communications</i> , 2003 , 2986-7	5.8	18
407	Dicopper and Disilver Complexes of Octaphyrin(1.1.1.1.1.1.1.1): Reversible Hydrolytic Cleavage of the Pyrrolic Ring to a Ketoimine. <i>Angewandte Chemie</i> , 2005 , 117, 3792-3795	3.6	18
406	Intramolecular charge recombination in carotenoid-porphyrin-pyromellitimide triads. <i>Chemical Physics Letters</i> , 1995 , 238, 37-41	2.5	18
405	Determination of rates of hole transfer from free-base porphyrin to zinc porphyrin across aromatic spacers. <i>Chemical Physics Letters</i> , 1993 , 215, 179-184	2.5	18
404	An efficient photochemical synthesis of conformationally restricted quinone-substituted porphyrins. <i>Journal of the Chemical Society Chemical Communications</i> , 1987 , 359		18
403	Controlling the S Energy Profile by Tuning Excited-State Aromaticity. <i>Journal of the American Chemical Society</i> , 2020 , 142, 14985-14992	16.4	18
402	Pd-NHC-Catalyzed Alkynylation of General Aryl Sulfides with Alkynyl Grignard Reagents. <i>Chemistry - A European Journal</i> , 2016 , 22, 10768-72	4.8	18
401	Facile synthesis of fluorescent hetero[8]circulene analogues with tunable solubilities and optical properties. <i>Chemical Science</i> , 2019 , 10, 11006-11012	9.4	18
400	Exploring the "fold-in" strategy toward the construction of a highly-strained triazasumanene skeleton. <i>Chemical Communications</i> , 2017 , 53, 2705-2708	5.8	17
399	Stable Subporphyrin meso-Aminyl Radicals without Resonance Stabilization by a Neighboring Heteroatom. <i>Angewandte Chemie</i> , 2017 , 129, 7543-7547	3.6	17
398	A Benzene-1,3,5-Triaminyl Radical Fused with ZnII-Porphyrins: Remarkable Stability and a High-Spin Quartet Ground State. <i>Angewandte Chemie</i> , 2018 , 130, 3795-3798	3.6	17
397	Stable Diporphyrinylaminyl Radical and Nitrenium Ion. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 9434-9438	16.4	17
396	Synthesis of 7,8-dehydropurpurin dimers and their conversion into conformationally constrained Ho-H vinylene-bridged porphyrin dimers. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 4395-8	16.4	17

- 395 Control of the conformational dynamics of meso-meso vinylene-bridged Zn(II) porphyrin dimers through diamine coordination. *Chemical Communications*, **2014**, 50, 3078-80 5.8 17
- 394 Two modes of photoinduced twisted intramolecular charge transfer in meso-arylamined subporphyrins. *Chemical Communications*, **2014**, 50, 8491-4 5.8 17
- 393 Strategic Construction of Directly Linked Porphyrin-BODIPY Hybrids. *Angewandte Chemie - International Edition*, **2017**, 56, 12322-12326 16.4 17
- 392 Peripherally Hexasulfanylated Subporphyrins. *Chemistry - an Asian Journal*, **2015**, 10, 1526-34 4.5 17
- 391 Transition-Metal-Free Synthesis of Carbazoles and Indoles by an SNAr-Based Aromatic Metamorphosis of Thiaarenes. *Angewandte Chemie*, **2015**, 127, 10372-10376 3.6 17
- 390 Gold(III)-iridium(III) hybrid complexes of hexaphyrin(1.1.1.1.1.1). *Chemistry - an Asian Journal*, **2013**, 8, 1395-8 4.5 17
- 389 Determination of the superradiance coherence length of directly linked linear porphyrin arrays at the single-molecule level. *Angewandte Chemie - International Edition*, **2009**, 48, 4323-7 16.4 17
- 388 Porphyrin Lego Block Strategy To Construct Directly meso-Doubly Linked Porphyrin Rings. *Angewandte Chemie*, **2010**, 122, 3699-3702 3.6 17
- 387 Ultrafast charge separation and radiationless relaxation processes from higher excited electronic states of directly linked porphyrin-acceptor dyads. *Photochemical and Photobiological Sciences*, **2003**, 2, 493-500 4.2 17
- 386 Resonance Raman Characterization of Excitonically Coupled meso,meso-Linked Porphyrin Arrays. *Journal of Physical Chemistry B*, **2000**, 104, 10757-10764 3.4 17
- 385 Directly linked dehydropurpurin-porphyrin dyads from Ag(I)-promoted oxidation of meso-phenylethynyl substituted zinc(II) porphyrins. *Chemical Communications*, **2001**, 1920-1 5.8 17
- 384 Accelerated singlet energy transfer in bis(phenylethynyl)phenylene-bridged 5,10,15,20-tetraaryl zinc-free base hybrid diporphyrins. *Journal of the Chemical Society Perkin Transactions II*, **1999**, 1019 17
- 383 Transesterification of the keto ester in methyl pheophorbide-a. *Tetrahedron Letters*, **1996**, 37, 4945-4948 17
- 382 Intramolecular Photoinduced Electron Transfer in Pyromellitimide-linked Porphyrins. *Chemistry Letters*, **1991**, 20, 1003-1006 1.7 17
- 381 Quinone-linked and quinone-capped porphyrins. Their one-pot photochemical synthesis and fluorescence behavior. *Tetrahedron*, **1989**, 45, 4815-4829 2.4 17
- 380 A Synthesis of Unsymmetric Porphyrin Dimers. *Bulletin of the Chemical Society of Japan*, **1989**, 62, 3167-3170 17
- 379 A Facile One-Step Synthesis of 2-Arylbenzothiazoles. *Synthesis*, **1984**, 1984, 145-146 2.9 17
- 378 Monodebromination of gem-Dibromocyclopropanes by Sodium Hydrogentelluride. *Bulletin of the Chemical Society of Japan*, **1984**, 57, 303-304 5.1 17

- 377 Catalytic Debromination of Vicinal Dibromides via Phase Transfer of Diaryltellurium Compounds. *Bulletin of the Chemical Society of Japan*, **1985**, 58, 1335-1336 5.1 17
- 376 Doubly N-Fused [24]Pentaphyrin Silicon Complex and Its Fluorosilicate: Enhanced Möbius Aromaticity in the Fluorosilicate. *Chemistry - A European Journal*, **2016**, 22, 16554-16561 4.8 17
- 375 Curved π -conjugated corannulene dimer diradicaloids. *Chemical Science*, **2018**, 9, 5100-5105 9.4 17
- 374 Diphenylphosphine-Oxide-Fused and Diphenylphosphine-Fused Porphyrins: Synthesis, Tunable Electronic Properties, and Formation of Cofacial Dimers. *Chemistry - A European Journal*, **2017**, 23, 6741-6745 4.8 16
- 373 meta- and para-Phenylenediamine-Fused Porphyrin Dimers: Synthesis and Magnetic Interactions of Their Dication Diradicals. *Angewandte Chemie - International Edition*, **2019**, 58, 8546-8550 16.4 16
- 372 Metalation Control of Open-Shell Character in meso-meso Linked Porphyrin meso-Oxy Radical Dimers. *Chemistry - A European Journal*, **2018**, 24, 1528-1532 4.8 16
- 371 Homoconjugation in diporphyrins: excitonic behaviors in singly and doubly linked Zn(II)porphyrin dimers. *Chemical Science*, **2013**, 4, 1756 9.4 16
- 370 Eta²-porphyrin Ru(II) π complexes. *Journal of the American Chemical Society*, **2010**, 132, 9992-3 16.4 16
- 369 Electronic structures of azulene-fused porphyrins as seen by magnetic circular dichroism and TD-DFT calculations. *Journal of Inorganic Biochemistry*, **2008**, 102, 466-71 4.2 16
- 368 Highly selective Ir-catalyzed direct sixfold borylation of peripheral aromatic substituents on hexakisaryl-substituted [28]hexaphyrin(1.1.1.1.1.1). *Tetrahedron Letters*, **2008**, 49, 2170-2172 2 16
- 367 Observation of Coherent Recurrence Motion of Excitons in Anthracene Dimers. *Bulletin of the Chemical Society of Japan*, **2004**, 77, 1959-1971 5.1 16
- 366 Anthracene-Bridged Z-Shaped [26]Hexaphyrin(1.1.1.1.1.1) Dimer from the Regioselective Diels-Alder Reaction of a Hexaphyrin with Bis-o-xylene Equivalents. *Angewandte Chemie*, **2005**, 117, 954-957 3.6 16
- 365 Metal Complexes of an N-Confused Calix[4]phyrin Derivative: The First X-ray Structure of an Organometallic Compound of Divalent Copper. *Angewandte Chemie*, **2001**, 113, 2385-2387 3.6 16
- 364 A Twisted and Partially Overlapping Porphyrin Dimer as a New Model of Special Pair in Photosynthetic Reaction Center. *Chemistry Letters*, **1987**, 16, 825-828 1.7 16
- 363 Boron Arylations of Subporphyrins with Aryl Zinc Reagents. *Chemistry - A European Journal*, **2016**, 22, 3320-3326 4.8 16
- 362 Conformational Fixation of a Rectangular Antiaromatic [28]Hexaphyrin Using Rationally Installed Peripheral Straps. *Chemistry - A European Journal*, **2016**, 22, 4413-7 4.8 16
- 361 NCN-Type Pincer Complexes of Subporphyrinatoboron(III). *Organometallics*, **2017**, 36, 2559-2564 3.8 15
- 360 meso-meso-Linked Diarylamine-Fused Porphyrin Dimers. *Chemistry - A European Journal*, **2016**, 22, 18476-18483 4.5 16

- 359 Synthesis of Di-peri-dinaphthoporphyrins by PtCl₂-Mediated Cyclization of Quinodimethane-type Porphyrins. *Angewandte Chemie - International Edition*, **2016**, 55, 6305-9 16.4 15
- 358 β - β ,5-Pyrrolylene-Linked Cyclic Porphyrin Oligomers. *Chemistry - A European Journal*, **2016**, 22, 8801-4 4.8 15
- 357 Cobalt(III) and gallium(III) complexes of meso-free corroles with distinct position-dependent substituent effects. *Journal of Porphyrins and Phthalocyanines*, **2016**, 20, 274-281 1.8 15
- 356 Sequential N-Alkylations of Tetrabenzotetraaza[8]circulene as a Tool To Tune Its Optical Properties. *ChemPlusChem*, **2017**, 82, 1048-1051 2.8 15
- 355 A doubly 2,6-pyridylene-bridged porphyrin-perylene-porphyrin triad. *Chemical Communications*, **2012**, 48, 4317-9 5.8 15
- 354 Modulation of Dual Electronic Circuits of [26]Hexaphyrins Using Internal Aromatic Straps. *Angewandte Chemie*, **2013**, 125, 13235-13239 3.6 15
- 353 Ferrocene-appended Subporphyrins. *Chemistry Letters*, **2011**, 40, 629-631 1.7 15
- 352 Oxocyclohexadienylidene-substituted subporphyrins. *Angewandte Chemie - International Edition*, **2011**, 50, 3253-6 16.4 15
- 351 T-Shaped Three-Coordinate Copper(II) Heptaphyrin Complexes. *Angewandte Chemie*, **2009**, 121, 8230-8233 3.8 15
- 350 Zwitterionic corroles: regioselective nucleophilic pyridination of a doubly linked biscallole. *Angewandte Chemie - International Edition*, **2009**, 48, 2388-90 16.4 15
- 349 Adsorption characteristic of self-assembled corrole dimers on HOPG. *Surface and Interface Analysis*, **2009**, 41, 225-230 1.5 15
- 348 Meso-Trialkyl-Substituted Subporphyrins. *Angewandte Chemie*, **2010**, 122, 331-334 3.6 15
- 347 Boron(III) Induced Skeletal Rearrangement of Hexaphyrin(1.1.1.1.1.1) to Hexaphyrin(2.1.1.0.1.1). *Angewandte Chemie*, **2010**, 122, 4393-4396 3.6 15
- 346 meso-Porphyrinyl-substituted porphyrin and expanded porphyrins. *Organic Letters*, **2004**, 6, 3663-6 6.2 15
- 345 Control of Face-to-face and Extended Aggregations of Crown Ether-Appended Metalloporphyrins. *European Journal of Organic Chemistry*, **2002**, 2002, 1197-1205 3.2 15
- 344 Facile Formation of N-Confused Porphyrin Dimers by Platinum(II) Coordination to the Outer-Nitrogen Atoms. *Angewandte Chemie*, **2003**, 115, 2236-2238 3.6 15
- 343 Magnetic circular dichroism study of directly fused porphyrins. *ChemPhysChem*, **2005**, 6, 171-9 3.2 15
- 342 A Stable Trimethylenemethane Triplet Diradical Based on a Trimeric Porphyrin Fused π System. *Angewandte Chemie*, **2018**, 130, 9635-9638 3.6 15

341	Synthesis, Structures, and Near-IR Absorption of Heterole-Fused Earring Porphyrins. <i>Angewandte Chemie</i> , 2019 , 131, 8208-8212	3.6	14
340	Switchable Electronic network of bis(oligothienyl)-substituted hexaphyrins between helical rectangular circuit. <i>Chemical Science</i> , 2016 , 7, 2239-2245	9.4	14
339	Efficient Synthesis and Versatile Reactivity of Porphyrinyl Grignard Reagents. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 4327-4334	3.2	14
338	Probing the rotational dynamics of meso-(2-substituted)aryl substituents in A2B-type subporphyrins. <i>Chemistry - A European Journal</i> , 2014 , 20, 10065-72	4.8	14
337	S2 fluorescence dynamics of meso-aryl-substituted subporphyrins. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12632-5	16.4	14
336	Diborylated Subporphyrinato Boron(III) Complexes as Useful Synthetic Precursors. <i>Angewandte Chemie</i> , 2015 , 127, 9407-9411	3.6	14
335	Excited-state electronic couplings in a 1,3-butadiyne-bridged Zn(II)porphyrin dimer and trimer. <i>Chemical Communications</i> , 2014 , 50, 2947-50	5.8	14
334	A non-fused mono-meso-free pentaphyrin and its rhodium(I) complex. <i>Chemical Communications</i> , 2012 , 48, 6785-7	5.8	14
333	TIPS-TTF as a precursor of low-symmetry TTF derivatives: steric protection strategy in the regioselective C-H modification of TTF. <i>Chemistry - A European Journal</i> , 2013 , 19, 7156-61	4.8	14
332	Excess polarizability reveals exciton localization/delocalization controlled by linking positions on porphyrin rings in butadiyne-bridged porphyrin dimers. <i>Journal of Physical Chemistry A</i> , 2010 , 114, 3384-90	2.8	14
331	Conformation dynamics of non-, singly- and doubly-N-fused [28]hexaphyrins revealed by photophysical studies. <i>Chemical Communications</i> , 2011 , 47, 3960-2	5.8	14
330	Homo- and heterobimetal complexes of 5-Hydroxy-10,15,25,30-tetrakis(pentafluorophenyl)-substituted [26]hexaphyrin(1.1.1.1.1.1). <i>Inorganic Chemistry</i> , 2009 , 48, 4595-7	5.1	14
329	1,4-Phenylene-bridged SubporphyrinPorphyrin Dyad, Triad, and Tetrad. <i>Chemistry Letters</i> , 2009 , 38, 206-207	1.7	14
328	Fucoxanthin ² and peridinin ² pheophorbide ² -molecules as a new light-harvesting model. <i>Tetrahedron Letters</i> , 1998 , 39, 655-658	2	14
327	Facile Peripheral Functionalization of Porphyrins by Pd-Catalyzed [3+2] Annulation with Alkynes. <i>Angewandte Chemie</i> , 2006 , 118, 8140-8143	3.6	14
326	Intramolecular and intermolecular energy transfers in donor-acceptor linear porphyrin arrays. <i>Journal of Chemical Physics</i> , 2006 , 125, 074902	3.9	14
325	High Temporally and Spatially Resolved Thermal Energy Detection after Nonradiative Transition in Solution Using a Molecular HeaterMolecular Thermometer Integrated System. <i>Journal of the American Chemical Society</i> , 1999 , 121, 5079-5080	16.4	14
324	Electron transfer over two porphyrins in linear porphyrin arrays. <i>Chemical Physics Letters</i> , 1994 , 230, 1442-148	1.48	14

- 323 Intracomplex Electron Transfer in a Hydrogen-Bonded PorphyrinDiimide System. *Chemistry Letters*, **1995**, 24, 913-914 1.7 14
- 322 Ein 1,2-Phenylen-verbrücktes Porphyrindimer - Synthese, Eigenschaften und Molekülstruktur. *Angewandte Chemie*, **1991**, 103, 579-580 3.6 14
- 321 Subporpholactone, Subporpholactam, Imidazolosubporphyrin, and Iridium Complexes of Imidazolosubporphyrin: Formation of Iridium Carbene Complexes. *Angewandte Chemie - International Edition*, **2018**, 57, 338-342 16.4 14
- 320 Synthesis of Boron(III)-Coordinated Subchlorophins and Their Peripheral Modifications. *Angewandte Chemie - International Edition*, **2017**, 56, 2492-2496 16.4 13
- 319 Ni(II) metalations of [40]- and [42]nonaphyrins(1.1.1.1.1.1.1.1): the largest doubly twisted Hückel antiaromatic molecule. *Chemistry - an Asian Journal*, **2015**, 10, 231-8 4.5 13
- 318 Synthesis and Optical Features of Axially and Peripherally Substituted Subporphyrins. A Paradigmatic Example of Charge Transfer versus Exciplex States. *Journal of the American Chemical Society*, **2020**, 142, 7920-7929 16.4 13
- 317 Synthesis of (bis)Silicon Complexes of [38], [37], and [36]Octaphyrins: Aromaticity Switch and Stable Radical Cation. *Angewandte Chemie - International Edition*, **2018**, 57, 5876-5880 16.4 13
- 316 A Description of Vibrational Modes in Hexaphyrins: Understanding the Aromaticity Reversal in the Lowest Triplet State. *Angewandte Chemie*, **2016**, 128, 12109-12113 3.6 13
- 315 Directly Diphenylborane-Fused Porphyrins. *Angewandte Chemie*, **2016**, 128, 3248-3251 3.6 13
- 314 Conjugated double helices self-dimerization of β -dianilinothripyrrins. *Chemical Science*, **2018**, 9, 6853-6859 9.4 13
- 313 Cross-conjugated hexaphyrins and their bis-rhodium complexes. *Chemistry - A European Journal*, **2014**, 20, 7698-705 4.8 13
- 312 Synthesis and Catalytic Activities of Porphyrin-Based PCP Pincer Complexes. *Angewandte Chemie*, **2014**, 126, 1145-1148 3.6 13
- 311 Synthesis of peripherally nitrated, aminated, and arylaminated subporphyrins. *Chemistry - an Asian Journal*, **2013**, 8, 3042-50 4.5 13
- 310 meso-Aryl [28]Hexaphyrin Silicon Complexes Bearing Various Si-Substituents and 1,16-Dihydrohexaphyrin bis-Chlorosilicon Complex. *Chemistry - an Asian Journal*, **2015**, 10, 2200-6 4.5 13
- 309 A Stable Organic Radical of a Zinc(II)Copper(I)Zinc(II) Complex of Decaphyrin. *Angewandte Chemie*, **2015**, 127, 11058-11061 3.6 13
- 308 Synthesis of Direct β -to- β -linked Porphyrin Arrays with Large Electronic Interactions: Branched and Cyclic Oligomers. *Angewandte Chemie*, **2014**, 126, 11268-11271 3.6 13
- 307 Excited-state energy relaxation dynamics of triply linked Zn(II) porphyrin arrays. *Chemical Communications*, **2011**, 47, 4433-5 5.8 13
- 306 Selective formation of a single atropisomer of meso-meso-linked Zn(II) diporphyrin through supramolecular self-assembly. *Chemistry - A European Journal*, **2009**, 15, 9681-4 4.8 13

- 305 BODIPY-hexaphyrin hybrids. *Chemistry - A European Journal*, **2009**, 15, 12955-9 4.8 13
- 304 Facile synthesis and photophysical properties of 1,2-phenylene-bridged porphyrin dimers. *Tetrahedron Letters*, **2009**, 50, 3333-3337 2 13
- 303 Synthesis of Chiral Porphyrins through Pd-Catalyzed [3+2] Annulation and Heterochiral Self-Assembly. *Angewandte Chemie*, **2008**, 120, 5458-5461 3.6 13
- 302 Effective face-to-face dimerization of a crown ether appended N-confused porphyrin. *Tetrahedron Letters*, **2002**, 43, 4881-4884 2 13
- 301 Resonance Raman spectroscopic study of fused multiporphyrin linear arrays. *Journal of Chemical Physics*, **2003**, 119, 5237-5252 3.9 13
- 300 A Doubly N-Fused Benzohexaphyrin and Its Rearrangement to a Fluorescent Macrocycle upon DDQ Oxidation. *Angewandte Chemie*, **2005**, 117, 1890-1894 3.6 13
- 299 Investigation of Interporphyrin Charge Resonance of Dihedral Angle Controlled Porphyrin Dimers by Resonance Raman Spectroscopy and MO Approaches. *Journal of Physical Chemistry A*, **2002**, 106, 11054-11063 2.8 13
- 298 Evidence for π -Interactions in the S1 State of Zinc Porphyrin Dimers Revealed by Picosecond Time-Resolved Resonance Raman Spectroscopy. *Journal of Physical Chemistry A*, **1999**, 103, 9184-9189 2.8 13
- 297 Highly Efficient Energy Dissipation by a Carotenoid in Face-to-Face Porphyrin-Carotenoid Dyads. *Journal of Organic Chemistry*, **1999**, 64, 3757-3762 4.2 13
- 296 Fucoxanthin-Pyropheophorbide and Zeaxanthin-Pyropheophorbide Dyads as New Models for Study on Carotenoid-Chlorophyll Excited State Interactions. *Bulletin of the Chemical Society of Japan*, **1995**, 68, 3255-3268 5.1 13
- 295 Picosecond dynamics of intramolecular singlet excitation energy transfer and photoinduced electron transfer in covalently-linked carotenoid-porphyrin and carotenoid-porphyrin-pyromellitimide molecules. *Chemical Physics Letters*, **1991**, 181, 419-426 2.5 13
- 294 Synthesis and Intramolecular Electron-Transfer Reaction of Distance-Fixed Quinone-Linked Porphyrins. *Bulletin of the Chemical Society of Japan*, **1992**, 65, 2807-2813 5.1 13
- 293 Geometry- and solvent-polarity-dependent photoinduced electron transfer in conformationally restricted magnesium-free-base hybrid diporphyrins. *Chemical Physics Letters*, **1993**, 201, 223-228 2.5 13
- 292 DIPHOSPHORUS TETRAIODIDE AS A MILD AND EFFICIENT REAGENT FOR THE DEOXYGENATION OF SULFOXIDES. *Chemistry Letters*, **1980**, 9, 143-144 1.7 13
- 291 DIARYL TELLURIDES FROM THE REACTION OF MODERATELY ACTIVATED IODOARENES WITH BENZENETELLUROATE ION IN HEXAMETHYLPHOSPHORIC TRIAMIDE. *Chemistry Letters*, **1981**, 10, 1115-1116 1.7 13
- 290 Energy Relaxation Dynamics of Excited Triplet States of Directly Linked Zn(II)Porphyrin Arrays. *Bulletin of the Korean Chemical Society*, **2002**, 23, 271-276 1.2 13
- 289 Porphyrin Derivatives with Carbon-Metal Bonds. *Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry*, **2009**, 67, 688-700 0.2 13
- 288 A Directly Fused Subporphyrin Dimer with a Wavelike Structure. *Angewandte Chemie - International Edition*, **2016**, 55, 9212-5 16.4 13

- 287 β -(1,4-Dithiino)subporphyrin Dimers Capturing Fullerenes with Large Association Constants. *Chemistry - A European Journal*, **2016**, 22, 9396-403 4.8 13
- 286 Stable Boron Peroxides with a Subporphyrinato Ligand. *Angewandte Chemie*, **2016**, 128, 2642-2645 3.6 13
- 285 [n]Cyclo-para-biphenylmethine Polyradicaloids: [n]Annulene Analogs and Unusual Valence Tautomerization. *CheM*, **2019**, 5, 108-121 16.2 13
- 284 Flapping Peryleneimide as a Fluorogenic Dye with High Photostability and Strong Visible-Light Absorption. *Angewandte Chemie - International Edition*, **2020**, 59, 16430-16435 16.4 12
- 283 Diarylamine-Fused Subporphyrins: Proof of Twisted Intramolecular Charge Transfer (TICT) Mechanism. *Chemistry - A European Journal*, **2018**, 24, 8306-8310 4.8 12
- 282 A 1,5-Naphthyridine-Fused Porphyrin Dimer: Intense NIR Absorption and Facile Redox Interconversion with Its Reduced Congener. *Chemistry - A European Journal*, **2018**, 24, 6530-6533 4.8 12
- 281 Charge-Transfer Character Drives Möbius Antiaromaticity in the Excited Triplet State of Twisted [28]Hexaphyrin. *Journal of Physical Chemistry Letters*, **2018**, 9, 2685-2690 6.4 12
- 280 5,20-Bis(oligothienyl)-substituted [26]hexaphyrins possessing electronic circuits strongly perturbed by -oligothienyl substituents. *Chemical Science*, **2015**, 6, 1696-1700 9.4 12
- 279 Hexaphyrin Fused to Two Anthracenes. *Angewandte Chemie*, **2012**, 124, 9994-9997 3.6 12
- 278 A Hexameric Porphyrin Triangle Constructed by Suzuki-Miyaura Cross-coupling Reaction. *Chemistry Letters*, **2011**, 40, 902-903 1.7 12
- 277 Palladium(II)-Triggered Rearrangement of Heptaphyrins to N-Confused Porphyrins. *Angewandte Chemie*, **2011**, 123, 3537-3540 3.6 12
- 276 Molecular-shape-dependent photophysical properties of meso-doubly linked Zn(II) porphyrin arrays and their indene-fused analogues. *Journal of Physical Chemistry B*, **2010**, 114, 14528-36 3.4 12
- 275 Intramolecular [3+2] Annulation of 5-Aryl-, 20-Ethynyl-Substituted [26]Hexaphyrin(1.1.1.1.1.1) Triggered by Molecular Compression through a Dynamic Conformational Change. *Angewandte Chemie*, **2007**, 119, 5263-5266 3.6 12
- 274 Synthesis and Characterization of Facially Encumbered and Soluble Porphyrin Tapes. *Chemistry Letters*, **2006**, 35, 946-947 1.7 12
- 273 Fluorescence from the Highly Excited States and Vibrational Energy Relaxation in Directly Linked Porphyrin Arrays. *Bulletin of the Chemical Society of Japan*, **2002**, 75, 1023-1029 5.1 12
- 272 Electrocatalytic Four-Electron Reduction of Dioxygen by 1,2-Phenylene-Bridged Dicobalt Diporphyrins. *Chemistry Letters*, **1995**, 24, 255-256 1.7 12
- 271 Salen-Capped Porphyrins as an Active Site Model of Metalloenzymes: Synthesis and Their Intramolecular Interactions between the Metal Complexes. *Bulletin of the Chemical Society of Japan*, **1990**, 63, 2672-2681 5.1 12
- 270 Photoallylation of Quinones with Allylstannane. *Chemistry Letters*, **1986**, 15, 1719-1722 1.7 12

269	Cidnp study on porphyrin-photosensitized reactions with phenol and quinone. <i>Tetrahedron</i> , 1986 , 42, 6149-6155	2.4	12
268	A MILD REDUCTION OF BENZYL ALCOHOLS WITH DIPHOSPHORUS TETRAIODIDE. <i>Chemistry Letters</i> , 1983 , 12, 247-248	1.7	12
267	Coordination-Induced Spin-State Switching of an Aminyl-Radical-Bridged Nickel(II) Porphyrin Dimer between Doublet and Sextet States. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 5023-5027	16.4	12
266	Singly and doubly μ - μ -platinum-bridged porphyrin dimers and their reductive eliminations. <i>Chemical Science</i> , 2015 , 6, 6102-6105	9.4	11
265	Towards meso-meso-linked porphyrin arrays and meso-aryl expanded porphyrins. <i>Chemical Record</i> , 2015 , 15, 143-59	6.6	11
264	[62]Tetradecaphyrin and Its Mono- and Bis-Zn(II) Complexes. <i>Chemistry - A European Journal</i> , 2016 , 22, 14518-22	4.8	11
263	Excited-state torsional relaxation dynamics of meso-meso directly linked corrole dimers: importance of linking position. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 23374-82	3.6	11
262	Stable Diporphyrinylaminyl Radical and Nitrenium Ion. <i>Angewandte Chemie</i> , 2018 , 130, 9578-9582	3.6	11
261	Quadrupolar Cyclopenta[hi]aceanthrylene-Based Electron Donor-Acceptor-Donor Conjugates: Charge Transfer versus Charge Separation. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 14644-14652	16.4	11
260	Singly and Doubly Neo-Confused Smaragdyrins. <i>Journal of the American Chemical Society</i> , 2019 , 141, 18836-18844	16.4	11
259	ABC-Type meso-Triaryl-Substituted Subporphyrins. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 3997-4004	3.2	11
258	A meso-meso μ - μ -Triply Linked Subporphyrin Dimer. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 12317-12321	16.4	11
257	Peripherally Silylated Porphyrins. <i>Chemistry - A European Journal</i> , 2015 , 21, 13522-5	4.8	11
256	Molecular engineering and solvent dependence of excitation energy hopping in self-assembled porphyrin boxes. <i>Chemical Communications</i> , 2012 , 48, 4181-3	5.8	11
255	The role of electronic coupling in linear porphyrin arrays probed by single-molecule fluorescence spectroscopy. <i>Chemistry - A European Journal</i> , 2011 , 17, 9219-25	4.8	11
254	New synthetic strategy for diporphyrins: pinacol coupling-rearrangement. <i>Chemistry - A European Journal</i> , 2011 , 17, 7154-7	4.8	11
253	Regioselective [3+4] cycloaddition of an azomethine ylide to meso-meso, μ - μ -triply linked diporphyrins. <i>Tetrahedron Letters</i> , 2008 , 49, 3308-3311	2	11
252	Orientation Effects on Excited State Dynamics of Zinc PorphyrinBree Base PorphyrinByromellitimide Triads. <i>Journal of Porphyrins and Phthalocyanines</i> , 1999 , 03, 729-741	1.8	11

- 251 Charge Separation in Zinc Diporphyrin-Zinc Porphyrin-Pyromellitimide-Quinone Tetrads. *Chemistry Letters*, **1995**, 24, 591-592 1.7 11
- 250 COVALENTLY LINKED TYROSINE-PYROPHEOPHORBIDE a AND TRYPTOPHAN-PYROPHEOPHORBIDE a COMPOUNDS: SYNTHESIS AND PHOTO-INDUCED CROSS COUPLING WITH 1, 4-BENZOQUINONE. *Photochemistry and Photobiology*, **1991**, 53, 617-626 3.6 11
- 249 Synthesis of a Conformationally Restricted Porphyrin Tetramer Bridged by a 9,9?-Spirobifluorene Spacer. *Chemistry Letters*, **1989**, 18, 741-744 1.7 11
- 248 Synthesis of Conformationally Restricted Carotenoid-linked Porphyrins. *Chemistry Letters*, **1990**, 19, 1905-1908 1.7 11
- 247 Study on 5, 15-dialkylporphyrins interconversion between two conformers in solution. *Journal of Physical Organic Chemistry*, **1988**, 1, 63-73 2.1 11
- 246 Balancing Charge Transfer and Frenkel Exciton Coupling Leads to Excimer Formation in Molecular Dimers: Implications for Singlet Fission. *Journal of Physical Chemistry A*, **2020**, 124, 8478-8487 2.8 11
- 245 Stable Face-to-Face Singlet Diradicaloids: Triply Linked Corrole Dimer Gallium(III) Complexes with Two β -Hydroxo-Bridges. *Angewandte Chemie - International Edition*, **2018**, 57, 14916-14920 16.4 11
- 244 Quadrupty Twisted Hückel-Aromatic Dodecaphyrin. *Angewandte Chemie*, **2018**, 130, 16108-16112 3.6 11
- 243 Synthesis of Boron(III)-Coordinated Subchlorophins and Their Peripheral Modifications. *Angewandte Chemie*, **2017**, 129, 2532-2536 3.6 10
- 242 Internally 2,5-Thienylene-Bridged [46]Decaphyrin: (Annuleno)annulene Network Consisting of Möbius Aromatic Thia[28]hexaphyrins and Strong Hückel Aromaticity of its Protonated Form. *Angewandte Chemie*, **2017**, 129, 3280-3284 3.6 10
- 241 Singly, Doubly, and Triply Linked Corrole Oligomers: Synthesis, Structures, and Linking Position Dependent Properties. *ChemPlusChem*, **2019**, 84, 578-588 2.8 10
- 240 Bismetal Complexes of 5,20-Bis(5-formyl-2-pyrrolyl)-[26]hexaphyrin(1.1.1.1.1) Exhibiting Strong Near-Infrared Region Absorptions. *Chemistry - A European Journal*, **2015**, 21, 7007-11 4.8 10
- 239 Highly Stable Radical Cations of N,N'-Diarylated Tetrabenzotetraaza[8]circulene. *Chemistry - A European Journal*, **2020**, 26, 8144-8152 4.8 10
- 238 The First Silicon(IV) Corrole Complexes: Synthesis, Structures, Properties, and Formation of a β Oxo Dimer. *Chemistry - A European Journal*, **2018**, 24, 7637-7646 4.8 10
- 237 Singly and Doubly 1,2-Phenylene-Inserted Porphyrin Arch-Tape Dimers: Synthesis and Highly Contorted Structures. *Angewandte Chemie*, **2018**, 130, 6412-6416 3.6 10
- 236 Unique ultrafast energy transfer in a series of phenylene-bridged subporphyrin-porphyrin hybrids. *Chemical Communications*, **2014**, 50, 10424-6 5.8 10
- 235 Synthesis of meso-heteroatom-substituted subporphyrins. *Journal of Porphyrins and Phthalocyanines*, **2014**, 18, 659-665 1.8 10
- 234 N-confused phlorin: a stable dihydroporphyrin isomer containing a confused pyrrole ring. *Journal of Porphyrins and Phthalocyanines*, **2014**, 18, 909-918 1.8 10

233	Post-modification of meso-meso-linked porphyrin arrays by iridium and rhodium catalyses for tuning of energy gap. <i>Chemistry - an Asian Journal</i> , 2009 , 4, 1126-33	4.5	10
232	Bithiophene-porphyrin hybrid nanorings. <i>Chemistry - an Asian Journal</i> , 2010 , 5, 764-7	4.5	10
231	A hexagonal prismatic porphyrin array: synthesis, STM detection, and efficient energy hopping in near-infrared region. <i>Journal of Physical Chemistry A</i> , 2007 , 111, 9233-9	2.8	10
230	Ein sequentieller Elektronentransfer analog dem im photosynthetischen Reaktionszentrum in Diporphyrin-Porphyrin-Pyromellitimid-Triaden. <i>Angewandte Chemie</i> , 1996 , 108, 98-101	3.6	10
229	Synthesis of Natural Carotenoid-Modified Porphyrin Dyads for Investigation of Carotenoid-Chlorophyll Excited State Interactions. <i>Chemistry Letters</i> , 1995 , 24, 1139-1140	1.7	10
228	Doubly-Strapped Porphyrins as Useful Building Blocks for Selectively Metallated Oligoporphyrins. <i>Chemistry Letters</i> , 1991 , 20, 1687-1690	1.7	10
227	SELECTIVE REDUCTION WITH LITHIUM ALUMINUM HYDRIDE/DIPHOSPHORUS TETRAIODIDE. A MILD CONVERSION OF AROMATIC KETONES TO PARENT HYDROCARBONS. <i>Chemistry Letters</i> , 1983 , 12, 909-910	1.7	10
226	A Directly Fused Subporphyrin Dimer with a Wavelike Structure. <i>Angewandte Chemie</i> , 2016 , 128, 9358-9361	3.6	10
225	meso-Nitro- and meso-Aminosubporphyrinatoboron(III)s and meso-to-meso Azosubporphyrinatoboron(III)s. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 2946-2952	4.5	10
224	First-Generation Subporphyrinatoboron(III) Sensitizers Surpass the 10 % Power Conversion Efficiency Threshold. <i>Angewandte Chemie</i> , 2016 , 128, 10443-10447	3.6	10
223	Stable (B -Subporphyrin-5-yl)dicyanomethyl Radicals. <i>Chemistry - A European Journal</i> , 2019 , 25, 1706-1710	4.8	10
222	Stable radical reversible C-C bond formation of (porphyrinyl)dicyanomethyl radicals. <i>Chemical Science</i> , 2019 , 10, 6007-6012	9.4	9
221	Coordination-Induced Spin-State Switching of an Aminyl-Radical-Bridged Nickel(II) Porphyrin Dimer between Doublet and Sextet States. <i>Angewandte Chemie</i> , 2019 , 131, 5077-5081	3.6	9
220	Aromaticity Reversal in the Lowest Excited Triplet State of Archetypical Möbius Heteroannulenic Systems. <i>Angewandte Chemie</i> , 2016 , 128, 6597-6601	3.6	9
219	5,20-Diheterohexaphyrins: metal-template-free synthesis and aromaticity switching. <i>Chemical Communications</i> , 2019 , 55, 10547-10550	5.8	9
218	Photodynamics of [26]- and [28]hexaphyrin-bodipy hybrids. <i>Chemistry - A European Journal</i> , 2014 , 20, 4574-82	4.8	9
217	The marriage of peripherally metallated and directly linked porphyrins: bromidobis(phosphine)platinum(II) as a cation-stabilizing substituent on directly linked and fused triply linked diporphyrins. <i>Chemistry - an Asian Journal</i> , 2013 , 8, 2670-9	4.5	9
216	Boron and Phosphorus Complexes of meso-Aryl Expanded Porphyrins. <i>Heterocycles</i> , 2013 , 87, 31	0.8	9

215	Iridium complexes of [26]hexaphyrin(1.1.1.1.1.1) and [36]octaphyrin(1.1.1.1.1.1.1.1). <i>Journal of Porphyrins and Phthalocyanines</i> , 2014 , 18, 652-658	1.8	9
214	1,4-Phenylene-Bridged Hexaphyrin Dimers. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 1913-1919	3.2	9
213	A meso-Spiro[Cyclopentadiene-Isoporphyrin] from a Phenylethynyl Porphyrin Platinum(II) Pincer Complex. <i>Angewandte Chemie</i> , 2012 , 124, 3228-3231	3.6	9
212	Direct Arylation of Porphyrins with π -Extended Aryl Bromides under Ligand-free Fagnou-Bartwig Conditions. <i>Asian Journal of Organic Chemistry</i> , 2013 , 2, 320-324	3	9
211	Rearrangements of a [36]Octaphyrin Triggered by Nickel(II) Metalation: Metamorphosis to a Directly meso- μ -Linked Diporphyrin. <i>Angewandte Chemie</i> , 2011 , 123, 11662-11666	3.6	9
210	Ultrafast all-optical light modulation in the near infrared region by phase sensitive polymer guided wave mode geometry containing porphyrin tapes. <i>Applied Physics Letters</i> , 2009 , 94, 253301	3.4	9
209	Excitation energy migration in a dodecameric porphyrin box. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006 , 178, 130-139	4.7	9
208	Inverted N-Confused Porphyrin Dimer. <i>Angewandte Chemie</i> , 2004 , 116, 5187-5191	3.6	9
207	Synthesis of 5,15-Diaryl-Substituted Oxochlorins from 5,15-Diaryloctaethylporphyrin. <i>Bulletin of the Chemical Society of Japan</i> , 1993 , 66, 3837-3839	5.1	9
206	Synthesis of 1,2-Phenylene-Bridged Diporphyrin Linked with Porphyrin Monomer and Its Intramolecular Singlet-Singlet Excitation Energy Transfer. <i>Chemistry Letters</i> , 1993 , 22, 161-164	1.7	9
205	Investigation of Spin-Correlated Ion Pairs in Distance-Fixed Triads by Time-Resolved Electron Paramagnetic Resonance. <i>Bulletin of the Chemical Society of Japan</i> , 1995 , 68, 2193-2202	5.1	9
204	SYNTHESIS OF QUINONE-CAPPED PORPHYRINS BY PORPHYRIN SELF-PHOTOSENSITIZED REACTION. <i>Chemistry Letters</i> , 1986 , 15, 479-482	1.7	9
203	DIPHOSPHORUS TETRAIODIDE AS A NEW MILD CONDENSING AGENT FOR THE SYNTHESIS OF AMIDES. <i>Chemistry Letters</i> , 1983 , 12, 449-452	1.7	9
202	Photochemistry of epoxyquinones. 6. Norrish type II photoreaction of 2,3-dihydro-2,3-epoxy-1,4-naphthoquinone. <i>Journal of Organic Chemistry</i> , 1982 , 47, 3131-3139	4.2	9
201	Calix[3]pyrrole: A Missing Link in Porphyrin-Related Chemistry. <i>Journal of the American Chemical Society</i> , 2021 , 143, 12355-12360	16.4	9
200	Synthesis and Characterizations of meso-Nitrocorroles. <i>Chemistry Letters</i> , 2018 , 47, 916-919	1.7	9
199	ortho-Phenylene-Bridged Hybrid Nanorings of 2,5-Pyrrolylenes and 2,5-Thienylenes. <i>Asian Journal of Organic Chemistry</i> , 2019 , 8, 994-1000	3	8
198	Singly and Doubly Sulfone-Inserted Porphyrin Arch-Tape Dimers. <i>Bulletin of the Chemical Society of Japan</i> , 2018 , 91, 1131-1137	5.1	8

197	Porphyrin Analogues of a Trityl Cation and Anion. <i>Chemistry - A European Journal</i> , 2016 , 22, 7041-5	4.8	8
196	Group 9 Metal Complexes of meso-Aryl-Substituted Rubyrin. <i>Chemistry - A European Journal</i> , 2015 , 21, 10639-44	4.8	8
195	Selective Mono- and Bis-Au(III) Metalations of 5,10,15,20,25,30-Hexaaryl-[26]hexaphyrins(1.1.1.1.1.1). <i>Chemistry Letters</i> , 2013 , 42, 22-24	1.7	8
194	Capped subporphyrins. <i>Chemistry - A European Journal</i> , 2009 , 15, 6863-76	4.8	8
193	First self-assembly study of large π -conjugated corrole dimers on solid substrates. <i>Applied Surface Science</i> , 2009 , 255, 5885-5890	6.7	8
192	Oxidation of hydroquinones with meso-hexakis(pentafluorophenyl) [26]hexaphyrin(1.1.1.1.1.1). <i>Organic and Biomolecular Chemistry</i> , 2006 , 4, 200-2	3.9	8
191	Dihedral-Angle Modulation of meso-meso-Linked Zn(II) Diporphyrin through Diamine Coordination and Its Application to Reversible Switching of Excitation Energy Transfer. <i>Angewandte Chemie</i> , 2003 , 115, 2860-2864	3.6	8
190	The Importance of a π -Bond for Long-Range Antiferromagnetic Coupling in Directly Linked Copper(II) and Silver(II) Diporphyrins. <i>Angewandte Chemie</i> , 2005 , 117, 7059-7061	3.6	8
189	Synthesis of a tetrakis(9-anthryl) substituted porphyrin and intramolecular charge-transfer emission in its dication. <i>Tetrahedron Letters</i> , 1995 , 36, 8457-8460	2	8
188	Picosecond excited-state dynamics of fixed-distance triads consisting of metalloporphyrin, doubly strapped metal-free porphyrin, and pyromellitimide. <i>Chemical Physics Letters</i> , 1994 , 225, 140-145	2.5	8
187	Synthesis of .ALPHA.,.BETA.-unsaturated carboxamides using dialkyltelluronium carbamoylmethylide.. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , 1987 , 1987, 1505-1507		8
186	Recent advances in the photochemistry of quinones	759-878	8
185	PHOTO-INDUCED CYCLOADDITIONS OF EPOXYQUINONE TO ALDEHYDES AND KETONES. <i>Chemistry Letters</i> , 1979 , 8, 77-80	1.7	8
184	Recent Progress in Multiporphyrin Synthesis.. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 1999 , 57, 749-762	0.2	8
183	Pd-Catalyzed Cross Coupling Strategy for Functional Porphyrin Arrays. <i>ACS Central Science</i> , 2020 , 6, 2159-2178	2.1	8
182	Double Ring Expansion from an Aromatic [18]Porphyrin(1.1.1.1) to an Antiaromatic [20]Porphyrin(2.1.2.1). <i>Angewandte Chemie</i> , 2016 , 128, 8227-8231	3.6	8
181	Exciton coupling dynamics in syn- and anti-type π -linked Zn(ii) porphyrin linear arrays. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 23105-10	3.6	8
180	Porphyrin-Stabilized Nitrenium Dication. <i>Chemistry - A European Journal</i> , 2019 , 25, 521-525	4.8	8

- 179 meso-Cumulenenic 2H-Corroles from meso-Ethynyl-3H-corroles. *Angewandte Chemie*, **2017**, 129, 7329-7333, 3.6 7
- 178 Observation of Diastereomeric Interconversions of π -Sulfinylsubporphyrins as Evidence for Bowl Inversion. *Chemistry - A European Journal*, **2015**, 21, 11727-34 4.8 7
- 177 A M π Bius Aromatic [28]Hexaphyrin Bearing a Diethylamine Group: A Rigid but Smooth Conjugation Circuit. *Angewandte Chemie*, **2015**, 127, 5546-5549 3.6 7
- 176 Preferential Formation of Cyclic Trimers by Palladium-Catalyzed Oxidative Coupling Reactions of 2,18-Diethynylporphyrins. *Angewandte Chemie*, **2012**, 124, 12523-12527 3.6 7
- 175 Practical and Scalable Syntheses of Substituted Ketene Dithioacetal Monoxides. *Bulletin of the Chemical Society of Japan*, **2013**, 86, 1193-1195 5.1 7
- 174 Macroscopic Films of Porphyrin Nanowell-Arrays via Solvent Diffusion-Induced Self-Assembly. *Journal of Physical Chemistry C*, **2010**, 114, 18449-18454 3.8 7
- 173 Zwitterionic Corroles: Regioselective Nucleophilic Pyridination of a Doubly Linked Biscorrole. *Angewandte Chemie*, **2009**, 121, 2424-2426 3.6 7
- 172 M π Bius Aromatic Palladium(II) Complexes of a π -Tetraphenylmeso-Hexakis(pentafluorophenyl) Substituted Hexaphyrin(1.1.1.1.1.1). *Bulletin of the Chemical Society of Japan*, **2010**, 83, 877-879 5.1 7
- 171 Synthesis of Conformationally Restricted Dimeric Porphyrins Unsymmetrically Linked with Quinone. *Chemistry Letters*, **1989**, 18, 2133-2136 1.7 7
- 170 Photoinduced Cross Coupling Reaction of Covalently Linked Tyrosine-Pyropheophorbide a and Tyrosine-9-Desoxomesopyropheophorbide a to 1,4-Benzoquinone. *Chemistry Letters*, **1989**, 18, 833-836 1.7 7
- 169 One-pot Synthesis of Strapped Porphyrins and Face-to-face Dimeric Porphyrins. *Chemistry Letters*, **1990**, 19, 287-290 1.7 7
- 168 Synthesis of Dimeric and Trimeric Porphyrins Based on Intramolecular Macrocyclization Reactions. *Chemistry Letters*, **1990**, 19, 1521-1524 1.7 7
- 167 PHOTO-INDUCED CROSS-COUPPLING REACTION BETWEEN PORPHYRIN AND QUINONE. *Chemistry Letters*, **1986**, 15, 475-478 1.7 7
- 166 Photochemistry of epoxyquinone. 5. Photoinduced cycloadditions of epoxynaphthoquinone to aldehydes, ketones, and oxygen. *Journal of Organic Chemistry*, **1983**, 48, 1712-1718 4.2 7
- 165 Products from the Nitration of 2,5-Dimethylthiophene and Its 3,4-Dibromo Derivative. Two Modes of the Formation of Dithienylmethanes. *Bulletin of the Chemical Society of Japan*, **1981**, 54, 771-775 5.1 7
- 164 Diazadimethano[8]circulene: Synthesis, Structure, Properties, and Isolation of Stable Radical Cation. *Chemistry Letters*, **2020**, 49, 959-962 1.7 7
- 163 Flapping Peryleneimide as a Fluorescent Viscosity Probe: Comparison with BODIPY and DCVJ Molecular Rotors. *Bulletin of the Chemical Society of Japan*, **2020**, 93, 1102-1106 5.1 7
- 162 -Oxoisocorroles: Tunable Antiaromaticity by Metalation and Coordination of Lewis Acids as Well as Aromaticity Reversal in the Triplet Excited State. *Journal of the American Chemical Society*, **2021**, 143, 7958-7967 16.4 7

161	Pictet-Spengler Synthesis of Quinoline-Fused Porphyrins and Phenanthroline-Fused Diporphyrins. <i>Angewandte Chemie</i> , 2016 , 128, 13232-13236	3.6	7
160	meso-to-meso Pt(II)-bridged Ni(II)-porphyrin dimers. <i>Organic Chemistry Frontiers</i> , 2017 , 4, 767-772	5.2	6
159	Ruthenium Complexes of Hexaphyrins(1.1.1.1.1.1): A Triple-Decker Complex Bearing Two Ruthenoarene Units. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 8197-8200	16.4	6
158	Stable meso-meso-Linked 2NH-Corrrole Radical Dimers as a Key Intermediate to Corrole Tape. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 9423-9427	16.4	6
157	Excited-State Aromaticity of Gold(III) Hexaphyrins and Metalation Effect Investigated by Time-Resolved Electronic and Vibrational Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 5129-5134	16.4	6
156	Rational Synthesis of 5,10-Diazaporphyrins via Nucleophilic Substitution Reactions of β -Dibromotripyrrin and Dihydrogenation to Give 5,10-Diazachlorins. <i>Journal of Organic Chemistry</i> , 2020 , 85, 3849-3857	4.2	6
155	Trimeric and Tetrameric Electron-Deficient Porphyrin Tapes. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 1454-1463	4.9	6
154	meso-to-meso Sulfide- and Disulfide-Bridged Subporphyrin Dimers. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 1977-1981	3.2	6
153	Macroscopically Anisotropic Structures Produced by Light-induced Solvothermal Assembly of Porphyrin Dimers. <i>Scientific Reports</i> , 2018 , 8, 11108	4.9	6
152	meso-Functionalization of Boron(III) Subporphyrin with Boron(III) meso-Lithiosubporphyrin. <i>Chemistry - A European Journal</i> , 2018 , 24, 12708-12715	4.8	6
151	A Stable Antiaromatic 5,20-Dibenzoyl [28]Hexaphyrin(1.1.1.1.1.1): Core Au Metalation and Subsequent Peripheral B Metalation. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 13640-13643	16.4	6
150	A meso-meso Triply Linked Subporphyrin Dimer. <i>Angewandte Chemie</i> , 2017 , 129, 12485-12489	3.6	6
149	Synthesis of three-dimensionally arranged porphyrin arrays via intramolecular meso-meso coupling. <i>Tetrahedron</i> , 2007 , 63, 7916-7925	2.4	6
148	Regioselective vicinal-dichlorination of meso-aryl [26]hexaphyrin(1.1.1.1.1.1). <i>Tetrahedron Letters</i> , 2006 , 47, 1381-1384	2	6
147	1,4-Phenylene-bridged meso-meso linked diporphyrin array. <i>Tetrahedron Letters</i> , 2004 , 45, 4981-4984	2	6
146	A Convenient Synthesis of Polyene-bridged Porphyrin Dimers. <i>Chemistry Letters</i> , 1994 , 23, 1797-1800	1.7	6
145	A MILD REDUCTION OF ARENESULFONIC ACID AND ITS DERIVATIVES WITH DIPHOSPHORUS TETRAIODIDE. <i>Chemistry Letters</i> , 1984 , 13, 139-142	1.7	6
144	NON-CONVENTIONAL NITRATION OF 2,5-DIMETHYLTHIOPHENE AND ITS 3,4-DIBROMO DERIVATIVE. <i>Chemistry Letters</i> , 1980 , 9, 633-634	1.7	6

- 143 Photochemistry of epoxyquinone. 4. Primary dimers in the photochemical reaction of 2,3-dimethyl-2,3-epoxy-2,3-dihydro-1,4-naphthoquinone. *Journal of Organic Chemistry*, **1980**, 45, 1898-1901 4.2 6
- 142 An Ethyne-Bridged Porphyrin-Hexaphyrin-Porphyrin Triad That Undergoes a Thermal Transannular Cyclization. *Asian Journal of Organic Chemistry*, **2016**, 5, 196-200 3 6
- 141 Synthesis of Di-peri-dinaphthoporphyrins by PtCl₂-Mediated Cyclization of Quinodimethane-type Porphyrins. *Angewandte Chemie*, **2016**, 128, 6413-6417 3.6 6
- 140 Different Antiferromagnetic Coupling between 5,5'- and 10,10'-Linked Iron(III) Corrole Dimers. *European Journal of Inorganic Chemistry*, **2017**, 2017, 1374-1381 2.3 5
- 139 meso-Arylethynyl subporphyrins as efficient and tunable photo-induced electron transfer units. *Journal of Porphyrins and Phthalocyanines*, **2017**, 21, 152-157 1.8 5
- 138 M \bar{B} ius Aromatic [28]Hexaphyrin Germanium(IV) and Tin(IV) Complexes: Efficient Formation of Triplet Excited States. *Angewandte Chemie*, **2017**, 129, 4040-4044 3.6 5
- 137 Pyrrole-Modified Subporphyrins Bearing a Sulfur-Containing Heterocyclic Unit. *Helvetica Chimica Acta*, **2018**, 101, e1800025 2 5
- 136 Strategic Construction of Directly Linked Porphyrin-BODIPY Hybrids. *Angewandte Chemie*, **2017**, 129, 12490-12494 3.6 5
- 135 Cyclic Hybrids of Alternately Linked 2,5-Pyrrolylenes and 3,4-Thienylenes. *Chemistry Letters*, **2017**, 46, 1319-1322 1.7 5
- 134 Synthesis of opp-Dibenzohexaphyrins(1.1.1.1.1.1) by Retro-Diels-Alder Reaction. *Asian Journal of Organic Chemistry*, **2014**, 3, 716-722 3 5
- 133 A M \bar{B} ius Aromatic Pd(II) Complex of [28]Hexaphyrin(2.1.1.0.1.1). *Chemistry Letters*, **2011**, 40, 455-457 1.7 5
- 132 Oxocyclohexadienylidene-Substituted Subporphyrins. *Angewandte Chemie*, **2011**, 123, 3311-3314 3.6 5
- 131 Coordination control of intramolecular electron transfer in boronate ester-bridged donor-acceptor molecules. *Chemical Communications*, **1998**, 1539-1540 5.8 5
- 130 Long-lived Charge Separated States from Zinc Porphyrin-Free Base Porphyrin-Diimide-Quinone Tetrads. *Chemistry Letters*, **1993**, 22, 1727-1730 1.7 5
- 129 Synthesis and Characterization of Directly Linked Salen-Porphyrin System with Constrained Geometries. *Bulletin of the Chemical Society of Japan*, **1991**, 64, 29-34 5.1 5
- 128 Synthesis of N,N'-Disalicylidene-ethylenediamine(Salen)-Porphyrin Combined System with Constrained Conformations. *Chemistry Letters*, **1987**, 16, 821-824 1.7 5
- 127 Synthesis of a Conformationally Restricted Quinone-linked Porphyrin. *Chemistry Letters*, **1988**, 17, 1205-1208 5
- 126 A MILD DEOXYGENATION OF HETEROAROMATIC N-OXIDES WITH DIPHOSPHORUS TETRAIODIDE. *Chemistry Letters*, **1980**, 9, 459-460 1.7 5

125	Bridging pico-to-nanonewtons with a ratiometric force probe for monitoring nanoscale polymer physics before damage.. <i>Nature Communications</i> , 2022 , 13, 303	17.4	5
124	A very rapid electronic relaxation process in a highly conjugated Zn(II)porphyrin-[26]hexaphyrin-Zn(II)porphyrin hybrid tape. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 3244-9	3.6	5
123	Directly 2,12- and 2,8-Linked Zn(II) Porphyrin Oligomers: Synthesis, Optical Properties, and Coherence Lengths. <i>Chemistry - A European Journal</i> , 2016 , 22, 83-7	4.8	5
122	Synthesis of -Diarylamino-corroles via SAr Reactions. <i>Molecules</i> , 2019 , 24,	4.8	5
121	Bis-copper(II) Complex of Triply-linked Corrole Dimer and Its Dication. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 1771-1776	4.5	5
120	A Robust Porphyrin-Stabilized Triplet Carbon Diradical. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 7002-7006	16.4	5
119	Subporpholactone, Subporpholactam, Imidazolosubporphyrin, and Iridium Complexes of Imidazolosubporphyrin: Formation of Iridium Carbene Complexes. <i>Angewandte Chemie</i> , 2018 , 130, 344-348	3.6	5
118	Stable Face-to-Face Singlet Diradicaloids: Triply Linked Corrole Dimer Gallium(III) Complexes with Two β -Hydroxo-Bridges. <i>Angewandte Chemie</i> , 2018 , 130, 15132-15136	3.6	5
117	The Extension of Baird's Rule to Twisted Heteroannulenes: Aromaticity Reversal of Singly and Doubly Twisted Molecular Systems in the Lowest Triplet State. <i>Angewandte Chemie</i> , 2017 , 129, 2978-2982	3.6	4
116	Benzene- and pyridine-incorporated octaphyrins with different coordination modes toward two Pd centers. <i>Nature Communications</i> , 2020 , 11, 6206	17.4	4
115	Propeller-Shaped Semi-fused Porphyrin Trimers: Molecular-Symmetry-Dependent Chiroptical Response. <i>Chemistry - A European Journal</i> , 2020 , 26, 10217-10221	4.8	4
114	NH Tautomerism of N-Confused Porphyrin: Solvent/Substituent Effects and Isomerization Mechanism. <i>Journal of Physical Chemistry A</i> , 2020 , 124, 5756-5769	2.8	4
113	Figure-eight Octaphyrin Bis-Ge(IV) Complexes: Synthesis, Structures, Aromaticity, and Chiroptical Properties. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 1440-1448	4.5	4
112	Synthesis of (bis)Silicon Complexes of [38], [37], and [36]Octaphyrins: Aromaticity Switch and Stable Radical Cation. <i>Angewandte Chemie</i> , 2018 , 130, 5978-5982	3.6	4
111	Direct observation of structural properties and fluorescent trapping sites in macrocyclic porphyrin arrays at the single-molecule level. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 3871-7	3.6	4
110	Intramolecular electron transfer reactions in meso-(4-nitrophenyl)-substituted subporphyrins. <i>Chemical Communications</i> , 2016 , 52, 1424-7	5.8	4
109	Near-Infrared S Fluorescence from Deprotonated MBius Aromatic [32]Heptaphyrin. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 4527-4531	6.4	4
108	Electron transfer reactions in sub-porphyrin-naphthylidimide dyads. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 16477-16485	3.6	4

- 107 Singly and Doubly Quinoxaline-Fused B Subporphyrins. *Chemistry - A European Journal*, **2019**, 25, 15493-15497 4
- 106 Practical and Scalable Syntheses of Substituted Ketene Dithioacetal Monoxides. *Bulletin of the Chemical Society of Japan*, **2014**, 87, 441-441 5.1 4
- 105 Formation of Discrete Ladders and a Macroporous Xerogel Film by the Zipperlike Dimerization of Meso-Meso-Linked Zinc(II) Porphyrin Arrays with Di(pyrid-3-yl)acetylene. *Angewandte Chemie - International Edition*, **2015**, 54, 8673-8 16.4 4
- 104 Bottom-Up Synthesis of Bis(triisopropylsilyl)ethynyl Hexaphyrin Bearing an Unsubstituted meso-Carbon. *Asian Journal of Organic Chemistry*, **2013**, 2, 600-605 3 4
- 103 Regioselective fabrications of a Möbius aromatic [28]hexaphyrin palladium(II) complex. *Journal of Porphyrins and Phthalocyanines*, **2013**, 17, 665-672 1.8 4
- 102 Synthesis of Calix[3]dipyrins by a Modified Lindsey Protocol. *Angewandte Chemie*, **2007**, 119, 2356-2359 3.6 4
- 101 EXCITATION DYNAMICS AND ITS ELECTRIC FIELD DEPENDENCE OF MESO,MESO-LINKED PORPHYRIN ARRAYS IN A POLYMER FILM. *International Journal of Modern Physics B*, **2001**, 15, 3588-3592 1.1 4
- 100 Coordination control of intramolecular energy transfer in boronate-bridged naphthalene-aryl ketone molecule. *Chemical Physics Letters*, **2000**, 320, 631-638 2.5 4
- 99 Concentration Quenching of Fluorescence from Bridged Synthetic Porphyrins. *Bulletin of the Chemical Society of Japan*, **1987**, 60, 1015-1019 5.1 4
- 98 Cyclophane-Type Chlorin Dimers from Dynamic Covalent Chemistry of 2,18-Porphyrinyl Dicyanomethyl Diradicals. *Angewandte Chemie - International Edition*, **2020**, 59, 4320-4323 16.4 4
- 97 meso-(2-Pyridyl)-boron(III)-subporphyrin: Perimeter Iridium(III) Coordination. *Angewandte Chemie*, **2020**, 132, 3151-3154 3.6 4
- 96 meso-(2-Pyridyl)-boron(III)-subporphyrin: Perimeter Iridium(III) Coordination. *Angewandte Chemie - International Edition*, **2020**, 59, 3127-3130 16.4 4
- 95 Effect of bulky meso-substituents on photoinduced twisted intramolecular charge transfer processes in meso-diarylamino subporphyrins. *Journal of Porphyrins and Phthalocyanines*, **2016**, 20, 663-669 1.8 4
- 94 Structural and Aromaticity Control of [34]Octaphyrin(1.1.1.0.1.1.1.0) by Protonation and Deprotonation. *Asian Journal of Organic Chemistry*, **2017**, 6, 1205-1208 3 3
- 93 5,20-Bis(ethoxycarbonyl)-Substituted Antiaromatic [28]Hexaphyrin and Its Bis-Ni and Bis-Cu Complexes. *Chemistry - an Asian Journal*, **2019**, 14, 968-971 4.5 3
- 92 B 5-Arylsubporphyrins and B Subporphine. *Chemistry - A European Journal*, **2018**, 24, 19136-19140 4.8 3
- 91 A Doubly Zwitterionic Antiaromatic [28]Hexaphyrin Formed upon Deprotonation of 5,20-Di(N-methyl-4-pyridinium)-Substituted [28]Hexaphyrin. *Chemistry - an Asian Journal*, **2016**, 11, 2849-2853 4.5 3
- 90 Phenylene-bridged Porphyrin meso-Oxy Radical Dimers. *Chemistry - an Asian Journal*, **2019**, 14, 4031-4034 4.5 3

89	Quadrupolar Cyclopenta[hi]aceanthrylene-Based Electron Donor-Acceptor-Donor Conjugates: Charge Transfer versus Charge Separation. <i>Angewandte Chemie</i> , 2019 , 131, 14786-14794	3.6	3
88	S Fluorescence from [26]Hexaphyrin Dianion. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 3795-3799	6.4	3
87	Determination of the Superradiance Coherence Length of Directly Linked Linear Porphyrin Arrays at the Single-Molecule Level. <i>Angewandte Chemie</i> , 2009 , 121, 4387-4391	3.6	3
86	Picosecond dynamics of intramolecular charge-transfer processes of β -substituted porphyrins adsorbed on the porous glass. <i>Chemical Physics Letters</i> , 1997 , 269, 274-280	2.5	3
85	Directly Linked and Fused Oligoporphyrin Arrays from Oxidation of Metalloporphyrins. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2001 , 41, 77-81		3
84	Laser Induced CIDNP Study of Photochemical Electron Transfer Reaction between Covalently Linked Porphyrin-Tryptophan Compounds and 1,4-Benzoquinone. <i>Chemistry Letters</i> , 1986 , 15, 1853-1856	1.7	3
83	Norrish Type II Photoreaction of 2,3-Dihydro-2,3-methano-1,4-naphthoquinones. A Novel Photorearrangement of β -Cyclopropyl Ketone to β -Unsaturated Ketone. <i>Chemistry Letters</i> , 1987 , 16, 1061-1064	1.7	3
82	PHOTOCHEMICAL REACTION OF 2-ALKENOYL-3-ALKOXY-1,4-BENZOQUINONES. FORMATION OF 5H-PYRANO[4,3,2-de][1,3] BENZODIOXIN DERIVATIVES. <i>Chemistry Letters</i> , 1985 , 14, 1675-1678	1.7	3
81	Type II photoreaction of epoxynaphthoquinones. <i>Journal of the Chemical Society Chemical Communications</i> , 1980 , 323		3
80	PHOTOCHEMICAL REACTION OF EPOXYNAPHTHOQUINONE WITH AMINE. ITS DEPENDENCY ON SOLVENT STUDIED BY CIDNP TECHNIQUE. <i>Chemistry Letters</i> , 1982 , 11, 1-4	1.7	3
79	MONORADICAL REARRANGEMENT OF 1,4-BIRADICALS INVOLVED IN NORRISH TYPE II PHOTOREACTION OF METHANONAPHTHOQUINONES. <i>Chemistry Letters</i> , 1982 , 11, 329-332	1.7	3
78	Photochemical Reaction of 3,3-Dimethyl-1,2-indanedione with Xanthene. <i>Bulletin of the Chemical Society of Japan</i> , 1978 , 51, 3047-3052	5.1	3
77	On-Surface Synthesis of Porphyrin-Complex Multi-Block Co-Oligomers by Defluorinative Coupling. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	3
76	Möbius Aromatic and Antiaromatic Expanded Porphyrins 2015 , 257-272		3
75	Simultaneous Implementation of β -Heterocycle-Fused Bridge and Modified Pyrrole Unit on Ni(II) Porphyrin Dimers. <i>Organic Letters</i> , 2020 , 22, 6001-6005	6.2	3
74	A bis-Au(III) [28]hexaphyrin triphenylphosphine adduct. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 997-1001	1.8	3
73	meso-meso Directly-linked trimeric and pentameric electron-deficient porphyrin-hexaphyrin hybrid arrays. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 245-253	1.8	3
72	A Robust Porphyrin-Stabilized Triplet Carbon Diradical. <i>Angewandte Chemie</i> , 2021 , 133, 7078-7082	3.6	3

71	Aromatic and Antiaromatic Cyclophane-type Hexaphyrin Dimers. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 256-260	4.5	3
70	Selective Formation of Helical Tetrapyrin-Fused Porphyrins by Oxidation of β - β -Linked meso-Aminoporphyrin Dimers. <i>Chemistry - A European Journal</i> , 2019 , 25, 1711-1715	4.8	3
69	Internally Bridged Hückel Aromatic [46]Decaphyrins: (Doubly-Twisted-Annuleno)Doubly-Twisted-Annulene Variants. <i>Chemistry - A European Journal</i> , 2019 , 25, 5173-5176	4.8	2
68	Helically Twisted Benzene-1,3,5-triamine-fused Porphyrin Dimers. <i>Chemistry Letters</i> , 2020 , 49, 517-520	1.7	2
67	Synthesis of azabenziporphyrinoids by SN Ar reactions. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 794-801	1.8	2
66	Cyclophane-Type Chlorin Dimers from Dynamic Covalent Chemistry of 2,18-Porphyrinyl Dicyanomethyl Diradicals. <i>Angewandte Chemie</i> , 2020 , 132, 4350-4353	3.6	2
65	Investigation and Control of Single Molecular Structures of Meso- Meso Linked Long Porphyrin Arrays. <i>Journal of Physical Chemistry B</i> , 2018 , 122, 5121-5125	3.4	2
64	Innenrücktitelbild: Triply Linked Corrole Dimers (Angew. Chem. 22/2016). <i>Angewandte Chemie</i> , 2016 , 128, 6671-6671	3.6	2
63	A Stable Antiaromatic 5,20-Dibenzoyl [28]Hexaphyrin(1.1.1.1.1.1): Core AuIII Metalation and Subsequent Peripheral BiIII Metalation. <i>Angewandte Chemie</i> , 2018 , 130, 13828-13831	3.6	2
62	Synthesis of 7,8-Dehydropurpurin Dimers and Their Conversion into Conformationally Constrained β - β -Vinylene-Bridged Porphyrin Dimers. <i>Angewandte Chemie</i> , 2014 , 126, 4484-4487	3.6	2
61	Synthesis and antiaromatic character of alkyl-substituted di-peri-dinaphthoporphyrin Ni(II) complex. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017 , 21, 850-856	1.8	2
60	1D Columnar stacking structures in the single crystals of 5,10-diarylporphyrin metal complexes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017 , 21, 803-810	1.8	2
59	Quantum Mechanical Processors Based on Organized Molecular Assemblies. <i>Molecular Crystals and Liquid Crystals</i> , 1998 , 315, 235-246		2
58	Innentitelbild: Metalation of Expanded Porphyrins: A Chemical Trigger Used To Produce Molecular Twisting and M β ius Aromaticity (Angew. Chem. 4/2008). <i>Angewandte Chemie</i> , 2008 , 120, 624-624	3.6	2
57	Correlation of Fluorescence Anisotropy Decay with Molecular Size and Shape of Covalently and Noncovalently Bound Large Porphyrin Arrays. <i>Journal of the Chinese Chemical Society</i> , 2006 , 53, 41-46	1.5	2
56	Intramolecular energy relaxation and competing electron transfer in porphyrin-acceptor supermolecule systems. <i>Journal of Luminescence</i> , 2000 , 87-89, 757-759	3.8	2
55	The Anion Radicals of Pheophytinaand its Derivatives Studied by Means of CIDNP Technique. <i>Bulletin of the Chemical Society of Japan</i> , 1990 , 63, 3462-3466	5.1	2
54	SUBSTITUENT EFFECTS ON THE PHOTOCURRENT QUANTUM YIELDS OF PARA-SUBSTITUTED TETRAPHENYLPORPHYRINS. <i>Chemistry Letters</i> , 1980 , 9, 627-628	1.7	2

53	PHOTOCHEMICAL REACTION OF EPOXYNAPHTHOQUINONES WITH ALCOHOLS. AN IONIC TRAPPING OF CARBONYL YLIDES. <i>Chemistry Letters</i> , 1981 , 10, 201-204	1.7	2
52	????????????-?????????????. <i>Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal</i> , 1981 , 1981, 472-474		2
51	Synthesis and Characterization of Novel Fused Porphyrinoids. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , 2015 , 73, 220-229	0.2	2
50	Synthesis of 8,12-Dibromocorrole and Its Transformation to Antiaromatic 8,10-Fused Iminoisocorrole with a Polarized Resonance Contribution. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 2253-2258	4.5	2
49	Improved Synthesis of ortho-Phenylene-bridged Cyclic Tetrapyrroles and Oxidative Fusion Reactions Toward Substituted Tetraaza[8]circulenes. <i>Chemistry - an Asian Journal</i> , 2021 , 16, 648-655	4.5	2
48	Pd insertion-triggered meso-carbon extrusion of N-fused pentaphyrin to form N-fused sapphyrin Pd complexes. <i>Chemical Communications</i> , 2021 , 57, 3034-3037	5.8	2
47	Regioselective Carbon-Halogen Bond Formation in the Reaction of Ag(III) N-Confused Porphyrin Complex with HCl or HBr. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 4440-4443	3.2	2
46	Base-Free Palladium-Catalyzed Hydrodechlorination of Aryl Chlorides with Pinacol Borane. <i>ChemistrySelect</i> , 2017 , 2, 1723-1727	1.8	1
45	Ruthenium Complexes of Hexaphyrins(1.1.1.1.1.1): A Triple-Decker Complex Bearing Two Ruthenoarene Units. <i>Angewandte Chemie</i> , 2019 , 131, 8281-8284	3.6	1
44	Oxidation-Induced Detachment of Ruthenoarene Units and Oxygen Insertion in Bis-Pd(II) Hexaphyrin Ruthenium Complexes. <i>Molecules</i> , 2020 , 25,	4.8	1
43	Flapping Peryleneimide as a Fluorogenic Dye with High Photostability and Strong Visible-Light Absorption. <i>Angewandte Chemie</i> , 2020 , 132, 16572-16577	3.6	1
42	Stable meso-meso-Linked 2NH-Corrole Radical Dimers as a Key Intermediate to Corrole Tape. <i>Angewandte Chemie</i> , 2020 , 132, 9509-9513	3.6	1
41	meso-Free B Subporphyrins with Electron-donating Groups. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 1580-1589	4.9	1
40	Benzylic modifications of meso-alkyl-substituted porphyrins via oxidation with DDQ. <i>Tetrahedron Letters</i> , 2012 , 53, 1156-1159	2	1
39	Formation of Discrete Ladders and a Macroporous Xerogel Film by the Zipperlike Dimerization of Meso-Meso-Linked Zinc(II) Porphyrin Arrays with Di(pyrid-3-yl)acetylene. <i>Angewandte Chemie</i> , 2015 , 127, 8797-8802	3.6	1
38	Single-Molecule Photophysical Properties of Various Directly Linked Porphyrin Arrays 2012 , 1-54		1
37	S2 Fluorescence Dynamics of meso-Aryl-Substituted Subporphyrins. <i>Angewandte Chemie</i> , 2013 , 125, 12864-12867	3.6	1
36	Discrete dihedral-angle modulation in porphyrin wheels adsorbed on Cu(100) observed by scanning tunneling microscopy. <i>Surface Science</i> , 2007 , 601, 2178-2181	1.8	1

35	Novel Photoinduced Cyclization of 2-Alkoxy-3-(2-oxoalkyl)-1,4-naphthoquinone. <i>Chemistry Letters</i> , 1988 , 17, 1505-1506	1.7	1
34	PHOTOISOMERIZATION OF PHTHALOYL SYSTEM TO ALKYLIDENE PHTHALIDES. <i>Chemistry Letters</i> , 1979 , 8, 1477-1480	1.7	1
33	STEREOSELECTIVE PHOTOCYCLOADDITION OF EPOXYNAPHTHOQUINONES TO ALLYL ALCOHOLS. <i>Chemistry Letters</i> , 1980 , 9, 919-920	1.7	1
32	Fold-in Synthesis of a Pentabenzopentaaza[10]circulene.. <i>Angewandte Chemie - International Edition</i> , 2022 ,	16.4	1
31	Tetrabromo[36]octaphyrin: A Promising Precursor of Directly Fused Porphyrin(2.1.1.1) Dimer and meso-Fused N-Confused Porphyrin Dimer. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26540-26544	16.4	1
30	‘Super’Molecular Electronics. <i>Kobunshi</i> , 2003 , 52, 570-570		1
29	Single- and double-helices of β -dibenzylaminotripyrrin: solution and solid state studies. <i>Chemical Communications</i> , 2021 , 57, 2617-2620	5.8	1
28	A structural parameter to link molecular geometry to macroscopic orientation in discotic liquid crystals: study of metalloporphyrin tapes. <i>Chemical Communications</i> , 2021 , 57, 1206-1209	5.8	1
27	Windmill-Like Porphyrin Arrays as Potent Light-Harvesting Antenna Complexes 1998 , 37, 3023		1
26	Acetylene and trans-Ethylene Bridged B -Subporphyrin Dimers. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 2230-2234	4.5	0
25	Synthesis and photoreaction of a porphyrin-Co(III)-complex linked molecule. <i>Inorganica Chimica Acta</i> , 2003 , 342, 139-144	2.7	0
24	Photochemical Rearrangement of 2-Substituted 4-Alkylidene-2,3-epoxy-1-tetralone to 3-(2-Oxoalkylidene)-1-indanone. <i>Chemistry Letters</i> , 1986 , 15, 1849-1852	1.7	0
23	Photochemistry of Epoxynaphthoquinones. 8. Endo-Stereoselective Photocycloaddition of 2,3-Epoxy-2,3-dihydro-2,3-dimethyl-1,4-naphthoquinone to Olefins Containing Amide Group. <i>Bulletin of the Chemical Society of Japan</i> , 1987 , 60, 1021-1026	5.1	0
22	PHOTOCHEMICAL REACTION OF 2-ALKENOYL-1,4-QUINONES. FORMATION OF CHROMONE DERIVATIVES. <i>Chemistry Letters</i> , 1985 , 14, 595-598	1.7	0
21	The Photochemical Behavior of 3,3-Dimethyl-1,2-indanedione toward Aromatic Aldehydes. <i>Bulletin of the Chemical Society of Japan</i> , 1980 , 53, 2093-2094	5.1	0
20	SELECTIVE ECLEAVAGE IN PHOTOLYSIS OF 7-SUBSTITUTED-6,9-DIMETHYL-6,7,8,9-TETRAHYDRO-6H-EPOXYBENZOCYCLOCTENE-5,10-DIONE. <i>Chemistry Letters</i> , 1982 , 11, 653-656	1.7	0
19	Axially- and Meso-Substituted Aza-Crown-Ether-Incorporated BIII Subporphyrins: Control of Electron-Donating Ability by Metal Ion Chelation. <i>European Journal of Inorganic Chemistry</i> , 2021 , 2021, 3272-3276	2.3	0
18	Five-fold-symmetric Pentabromo- and Pentaiodo-corannulenes: Useful Precursors of Heteroatom-substituted Corannulenes. <i>Asian Journal of Organic Chemistry</i> , 2021 , 10, 537-540	3	0

17	Development of the Peripheral Functionalization Chemistry of meso-Free Corroles. <i>Chemistry - A European Journal</i> , 2021 , 27, 15605-15615	4.8	o
16	Directly Linked and Fused Oligoporphyrin Arrays 2003 , 115-123		o
15	meta- and para-Phenylenediamine-Fused Porphyrin Dimers: Synthesis and Magnetic Interactions of Their Dication Diradicals. <i>Angewandte Chemie</i> , 2019 , 131, 8634	3.6	
14	Excited-State Aromaticity of Gold(III) Hexaphyrins and Metalation Effect Investigated by Time-Resolved Electronic and Vibrational Spectroscopy. <i>Angewandte Chemie</i> , 2020 , 132, 5167-5172	3.6	
13	Innentitelbild: A Description of Vibrational Modes in Hexaphyrins: Understanding the Aromaticity Reversal in the Lowest Triplet State (Angew. Chem. 39/2016). <i>Angewandte Chemie</i> , 2016 , 128, 11864-11864	3.6	
12	Rücktitelbild: Aromaticity Reversal in the Lowest Excited Triplet State of Archetypical Möbius Heteroannulenic Systems (Angew. Chem. 22/2016). <i>Angewandte Chemie</i> , 2016 , 128, 6672-6672	3.6	
11	Group 9 Metal Complexes of meso-Aryl-Substituted Rubyrin. <i>Chemistry - A European Journal</i> , 2015 , 21, 10585	4.8	
10	Ultrafast Energy Transfer in the Soret Band of Linear Porphyrin Arrays. <i>Springer Series in Chemical Physics</i> , 2007 , 480-482	0.3	
9	2-Allyl-2H-benzotriazole. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2003 , 59, 0338-9		
8	1,3-Dioxane-Bridged Pyromellitimide-Pyropheophorbide and Pyropheophorbide Dimer. <i>Chemistry Letters</i> , 1993 , 22, 2141-2144	1.7	
7	Ultrafast Energy Relaxation Processes of Long Molecular Wires Based on Zinc(II)porphyrins. <i>Springer Series in Chemical Physics</i> , 2001 , 601-603	0.3	
6	Ultrafast Dynamics of Molecular Wires based on Multiporphyrin Linear Arrays. <i>Springer Series in Chemical Physics</i> , 2003 , 493-495	0.3	
5	Electric Field Effects on Absorption and Emission Spectra of End-Phenylethynylated Meso-Meso Linked Porphyrin Arrays in a Polymer Film 2003 , 125-137		
4	Ultrafast charge separation and radiationless relaxation processes from S ₂ excited electronic states of directly linked Zinc-porphyrin-acceptor dyads 2004 , 315-318		
3	Intramolecular Photoinduced Electron Transfer in Pyromellitimide-linked Porphyrins 1992 , 543-550		
2	Frontier of Artificial Photosynthetic Reaction Center. <i>Kobunshi</i> , 1997 , 46, 336-336		
1	[38]Octaphyrin bis-Sn(IV) complexes with unique coordination geometries. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021 , 25, 400-406	1.8	