

Mangalampalli Ravikanth

List of Publications by Year in descending order

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272
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times ranked

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#	ARTICLE	IF	CITATIONS
1	Heteroatom-Containing Porphyrin Analogues. <i>Chemical Reviews</i> , 2017, 117, 3254-3328.	47.7	163
2	Nonplanar porphyrins and their biological relevance: Ground and excited state dynamics. , 1995, , 105-188.		157
3	Recent developments in heteroporphyrins and their analogues. <i>Coordination Chemistry Reviews</i> , 2006, 250, 468-518.	18.8	157
4	Halogenated boron-dipyrromethenes: synthesis, properties and applications. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2501-2517.	2.8	153
5	Smaragdyrins and Sapphyrins Analogues. <i>Chemical Reviews</i> , 2017, 117, 3329-3376.	47.7	117
6	Boronâ€dipyrromethene based specific chemodosimeter for fluoride ion. <i>Tetrahedron</i> , 2010, 66, 1728-1734.	1.9	105
7	Boron-Dipyrromethene Based Reversible and Reusable Selective Chemosensor for Fluoride Detection. <i>Inorganic Chemistry</i> , 2014, 53, 1646-1653.	4.0	99
8	Smaragdyrins: Emeralds of Expanded Porphyrin Family. <i>Accounts of Chemical Research</i> , 2012, 45, 1801-1816.	15.6	95
9	Boron dipyrryn-porphyrin conjugates. <i>Coordination Chemistry Reviews</i> , 2013, 257, 2348-2387.	18.8	95
10	3,5-Diformylboron Dipyrromethenes as Fluorescent pH Sensors. <i>Inorganic Chemistry</i> , 2011, 50, 4392-4400.	4.0	88
11	Sensing Hg(II) <i>in Vitro</i> and <i>in Vivo</i> Using a Benzimidazole Substituted BODIPY. <i>Inorganic Chemistry</i> , 2013, 52, 11136-11145.	4.0	81
12	BODIPY based fluorescent chemodosimeter for explosive picric acid in aqueous media and rapid detection in the solid state. <i>RSC Advances</i> , 2014, 4, 7120.	3.6	80
13	Boron Complexes of Oxasmaragdyrin, a Core-Modified Expanded Porphyrin. <i>Journal of Organic Chemistry</i> , 2011, 76, 3582-3587.	3.2	71
14	Synthesis of Sterically Crowded Polyarylated Boron-Dipyrromethenes. <i>Journal of Organic Chemistry</i> , 2011, 76, 8466-8471.	3.2	71
15	Synthesis of Triazoleâ€Bridged Unsymmetrical Porphyrin Dyads and Porphyrinâ€Ferrocene Conjugates. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 494-508.	2.4	70
16	Synthesis of 3,5-Bis(acrylaldehyde) Boron-dipyrromethene and Application in Detection of Cysteine and Homocysteine in Living Cells. <i>Journal of Organic Chemistry</i> , 2013, 78, 5056-5060.	3.2	68
17	Hexa Boron-Dipyrromethene Cyclotriphosphazenes: Synthesis, Crystal Structure, and Photophysical Properties. <i>Inorganic Chemistry</i> , 2010, 49, 10606-10616.	4.0	62
18	Vectorial Charge Separation and Selective Triplet-State Formation during Charge Recombination in a Pyrrolyl-Bridged BODIPYâ€Fullerene Dyad. <i>Journal of Physical Chemistry C</i> , 2015, 119, 8095-8102.	3.1	62

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19	3,5-Diformyl-borondipyrromethene for selective detection of cyanide anion. <i>Analyst</i> , 2013, 138, 299-306.	3.5	60
20	Trans-Substituted porphyrin building blocks bearing iodo and ethynyl groups for applications in bioorganic and materials chemistry. <i>Tetrahedron</i> , 1998, 54, 7721-7734.	1.9	57
21	A Simple Route to Prepare Monofunctionalised 21-Thia-, 21,23-Dithia-, and 21-Thia-23-oxaporphyrins from Unsymmetrical Thiophene Diols and Their Use in the Synthesis of Covalently Linked Unsymmetrical Porphyrin Dimers. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 2500-2517.	2.4	57
22	Effect of Five Membered Versus Six Membered Meso-Substituents on Structure and Electronic Properties of Mg(II) Porphyrins: A Combined Experimental and Theoretical Study. <i>Inorganic Chemistry</i> , 2010, 49, 8287-8297.	4.0	56
23	Mono- and bifunctionalized Heteroporphyrin Building Blocks and Unsymmetrical Covalent and Noncovalent Porphyrin Dyads. <i>Journal of the Chinese Chemical Society</i> , 2011, 58, 1-14.	1.4	56
24	Synthesis, Structure, Spectroscopic, and Electrochemical Properties of Highly Fluorescent Phosphorus(V)-meso-Triarylcorroles. <i>Chemistry - A European Journal</i> , 2012, 18, 6386-6396.	3.3	56
25	Synthesis of boron-dipyrromethene-ferrocene conjugates. <i>Journal of Organometallic Chemistry</i> , 2010, 695, 863-869.	1.8	55
26	Cyclotriphosphazene Ring as a Platform for Multiporphyrin Assemblies. <i>Chemistry - A European Journal</i> , 2009, 15, 3488-3496.	3.3	54
27	Brominated boron dipyrins: synthesis, structure, spectral and electrochemical properties. <i>Dalton Transactions</i> , 2012, 41, 5903.	3.3	50
28	Synthesis of BF ₂ Complexes of Prodigiosin Type Oligopyrroles. <i>Journal of Organic Chemistry</i> , 2011, 76, 7263-7268.	3.2	49
29	3-(Pyridine-4-thione)BODIPY as a chemodosimeter for detection of Hg(II) ions. <i>Dyes and Pigments</i> , 2012, 95, 89-95.	3.7	49
30	One-Flask Synthesis of Mono- and Trifunctionalized 21-Thia and 21-Oxaporphyrin Building Blocks and Their Application in the Synthesis of Covalent and Noncovalent Unsymmetrical Porphyrin Arrays. <i>Journal of Organic Chemistry</i> , 2004, 69, 6796-6811.	3.2	45
31	Sn(IV) porphyrin scaffold for multiporphyrin arrays. <i>Coordination Chemistry Reviews</i> , 2012, 256, 2816-2842.	18.8	45
32	Explosive vapor sensor using poly (3-hexylthiophene) and CuII tetraphenylporphyrin composite based organic field effect transistors. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	44
33	First Triazole-Bridged Unsymmetrical Porphyrin Dyad via Click Chemistry. <i>Journal of Organic Chemistry</i> , 2008, 73, 323-326.	3.2	44
34	Supramolecular Tetrads Containing Sn(IV) Porphyrin, Ru(II) Porphyrin, and Expanded Porphyrins Assembled Using Complementary Metal-Ligand Interactions. <i>Inorganic Chemistry</i> , 2011, 50, 1713-1722.	4.0	42
35	Synthesis and Structural Characterization of meso-Thienyl Core-Modified Porphyrins. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 4392-4400.	2.4	41
36	Spectroscopic properties of meso-thienylporphyrins with different porphyrin cores. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 177, 156-163.	3.9	41

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37	Stereochemical modulation of emission behaviour in E/Z isomers of diphenyldipyrroethene from aggregation induced emission to crystallization induced emission. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 19465-19473.	2.8	40
38	Core-modified porphyrin based assemblies. <i>Coordination Chemistry Reviews</i> , 2011, 255, 547-573.	18.8	39
39	Nucleophilic addition of CN ⁻ ion to C N bond of aza-BODIPY leading to turn-on fluorescence sensor. <i>Sensors and Actuators B: Chemical</i> , 2016, 224, 364-371.	7.8	39
40	Synthesis, Spectral, Electrochemical, and Anion Binding Properties of 3,5-Bis(Dipyrromethanyl) Boron-Dipyrromethenes. <i>Inorganic Chemistry</i> , 2012, 51, 4285-4292.	4.0	38
41	Functionalized 3-pyrrolyl boron-dipyrromethenes. <i>RSC Advances</i> , 2013, 3, 2736.	3.6	38
42	Coordination chemistry of expanded porphyrins. <i>Coordination Chemistry Reviews</i> , 2019, 401, 213063.	18.8	38
43	Synthesis of dithiaporphyrin-based singlet-singlet energy transfer systems. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 1644-1648.	1.3	37
44	meso-Salicylaldehyde substituted BODIPY as a chemodosimetric sensor for cyanide anions. <i>Dalton Transactions</i> , 2015, 44, 4054-4062.	3.3	37
45	Synthesis and fluorescence properties of covalently linked homo- and hetero-porphyrin dyads containing meso-tolyl porphyrin and meso-furyl porphyrin sub-units. <i>Tetrahedron</i> , 2007, 63, 2455-2465.	1.9	36
46	Surface Modification of AlN Using Organic Molecular Layer for Improved Deep UV Photodetector Performance. <i>ACS Applied Electronic Materials</i> , 2020, 2, 739-746.	4.3	36
47	Effects of non-planarity and Î ² -substitution on the singlet-excited-state properties of basket-handle porphyrins. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1996, 92, 1095-1100.	1.7	35
48	Synthesis of covalently linked boron-dipyrromethene-chromophore conjugates using 3-bromo boron-dipyrromethene as a key precursor. <i>Tetrahedron</i> , 2011, 67, 5816-5824.	1.9	35
49	Synthesis and studies of covalently linked meso-furyl boron-dipyrromethene-ferrocene conjugates. <i>Journal of Organometallic Chemistry</i> , 2012, 697, 65-73.	1.8	35
50	Synthesis of 21-thia and 21-oxaporphyrin building blocks and boron-dipyrin appended systems. <i>Tetrahedron</i> , 2002, 58, 5347-5356.	1.9	34
51	Synthesis of Conjugated BODIPYs via the Wittig Reaction. <i>Journal of Organic Chemistry</i> , 2013, 78, 4993-5000.	3.2	34
52	Synthesis, structure and spectral and electrochemical properties of 3-pyrrolyl BODIPY-metal dipyrin complexes. <i>Dalton Transactions</i> , 2014, 43, 16006-16014.	3.3	34
53	Sn(IV) Porphyrin Based Axial-Bonding Type Porphyrin Triads Containing Heteroporphyrins as Axial Ligands. <i>Inorganic Chemistry</i> , 2010, 49, 2692-2700.	4.0	32
54	Synthesis and Photophysical Properties of 3,5-Bis(oxopyridinyl)- and 3,5-Bis(pyridinyloxy)-Substituted Boron-Dipyrromethenes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 2314-2323.	2.4	32

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55	Synthesis of meso-furyl porphyrins with N4, N3S, N2S2 and N3O porphyrin cores. <i>Tetrahedron</i> , 2003, 59, 6131-6139.	1.9	31
56	Photophysical properties of boron-dipyrin appended porphyrins with heteroatom cores. <i>Chemical Physics Letters</i> , 2004, 395, 87-91.	2.6	31
57	Benzothiazoles-substituted tetraphenylethylenes: synthesis, structure, aggregation-induced emission and biological studies. <i>Materials Chemistry Frontiers</i> , 2017, 1, 1207-1216.	5.9	31
58	Synthesis and photophysical study of unsymmetrical porphyrin pentamers. <i>Tetrahedron Letters</i> , 2000, 41, 3709-3712.	1.4	30
59	A simple alternative method for preparing Sn(IV) porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010, 14, 361-370.	0.8	30
60	Synthesis, Structure and Properties of a Five-coordinate Oxophosphorus(V) meso-Triphenylcorrole. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 4231-4239.	2.0	30
61	Heterocorroles: corrole analogues containing heteroatom(s) in the core or at a meso-position. <i>RSC Advances</i> , 2018, 8, 21100-21132.	3.6	30
62	Synthesis, structure, spectral, electrochemical and sensing properties of 3-amino boron-dipyrromethene and its derivatives. <i>Dyes and Pigments</i> , 2014, 102, 218-227.	3.7	29
63	Panchromatic Light Capture and Efficient Excitation Transfer Leading to Near-IR Emission of BODIPY Oligomers. <i>ChemPhysChem</i> , 2016, 17, 2516-2524.	2.1	29
64	Synthesis of Tellurabenziporphyrin and Its Pd(II) Complex. <i>Organic Letters</i> , 2018, 20, 636-639.	4.6	29
65	Fluorescence properties of meso-tetrafurilporphyrins. <i>Journal of Chemical Sciences</i> , 2005, 117, 161-166.	1.5	28
66	Synthesis and photophysical studies of covalently linked porphyrin-21-thiaporphyrin dyads. <i>Inorganica Chimica Acta</i> , 2007, 360, 1731-1742.	2.4	28
67	Lewis Acid Assisted Decomplexation of F-BODIPYs to Dipyrins. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2105-2110.	2.4	28
68	Directly Connected AzaBODIPY-BODIPY Dyad: Synthesis, Crystal Structure, and Ground- and Excited-State Interactions. <i>Journal of Physical Chemistry A</i> , 2015, 119, 8338-8348.	2.5	28
69	Synthesis of Nonaromatic and Aromatic Dithia Benzisapphyrins. <i>Journal of Organic Chemistry</i> , 2018, 83, 11794-11803.	3.2	28
70	Synthesis of meso-Tetraaryl Triphyrins(2.1.1). <i>Journal of Organic Chemistry</i> , 2018, 83, 12945-12950.	3.2	28
71	cis-Pyridyl core-modified porphyrins for the synthesis of cationic water-soluble porphyrins and unsymmetrical non-covalent porphyrin arrays. <i>Tetrahedron</i> , 2003, 59, 2353-2362.	1.9	27
72	Synthesis of functionalized thia analogues of phlorins and covalently linked phlorin-porphyrin dyads. <i>Chemical Communications</i> , 2006, , 3726-3728.	4.1	27

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73	Synthesis and electronic properties of meso-furyl boron dipyrromethenes. <i>Inorganica Chimica Acta</i> , 2012, 383, 257-266.	2.4	27
74	Synthesis and properties of triazole bridged BODIPY-conjugates. <i>Tetrahedron</i> , 2014, 70, 664-671.	1.9	27
75	Synthesis of 21-oxoporphyrin building blocks and energy donor appended systems. <i>Tetrahedron Letters</i> , 2001, 42, 8547-8550.	1.4	26
76	Synthesis of non-covalent BODIPY-metalloporphyrin dyads and triads. <i>Tetrahedron</i> , 2012, 68, 830-840.	1.9	26
77	Stable Nonaromatic [20]Dithiaporphyrin (2.1.1.1) Macrocycles: Synthesis, Structure, Spectral, Electrochemical, and Metal Ion Sensing Studies. <i>Journal of Organic Chemistry</i> , 2014, 79, 9603-9612.	3.2	26
78	Synthesis, structure, and spectral, electrochemical and fluoride sensing properties of meso-pyrrolyl boron dipyrromethene. <i>Dalton Transactions</i> , 2015, 44, 16516-16527.	3.3	26
79	Polycyclic Aromatic Hydrocarbon-Heterocycle-Embedded Porphyrinoids. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 162-180.	2.7	26
80	Facile Synthesis of 9,10,19,20-Tetraarylporphycenes. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 6701-6706.	2.4	25
81	Dibenzidecaphyrins (1.0.0.1.1.1.0.0.1.1) and Their Bis-BF ₂ Complexes. <i>Journal of Organic Chemistry</i> , 2018, 83, 14277-14285.	3.2	25
82	Antiaromatic Carbaporphyrinoids: Fluorene as a Fused Motif toward the Synthesis of meso-Fused Heterobenziporphyrins. <i>Organic Letters</i> , 2019, 21, 8726-8730.	4.6	25
83	Synthesis of meso-furyl porphyrins. <i>Tetrahedron Letters</i> , 2002, 43, 9453-9455.	1.4	24
84	Synthesis of N3S, N3O, N2S2, N2O2, N2SO and N2OS Porphyrins with Onemeso-Unsubstituted Carbon. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 2223-2230.	2.4	24
85	Synthesis and Studies of Thiacorroles. <i>Journal of Organic Chemistry</i> , 2010, 75, 4172-4182.	3.2	24
86	Multiporphyrin Arrays on Cyclophosphazene Scaffolds: Synthesis and Studies. <i>Chemistry - A European Journal</i> , 2012, 18, 8835-8846.	3.3	24
87	Synthesis, spectral and electrochemical properties of phenylated boron-dipyrromethenes. <i>Dyes and Pigments</i> , 2013, 96, 665-671.	3.7	24
88	Benzofuran-Benzothiophene-Incorporated NIR-Absorbing Triphyrins(2.1.1). <i>Organic Letters</i> , 2018, 20, 4871-4874.	4.6	24
89	Synthesis of covalently linked linear porphyrin triad and tetrad containing different porphyrin sub-units. <i>Tetrahedron</i> , 2008, 64, 8016-8028.	1.9	23
90	Hybrid Macrocycles of Subporphyrins and Triphyrins. <i>Organic Letters</i> , 2017, 19, 5924-5927.	4.6	23

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91	Synthesis, properties and coordination chemistry of [14]triphyrins(2.1.1). <i>Coordination Chemistry Reviews</i> , 2020, 407, 213172.	18.8	23
92	Novel and Rapid Synthetic Routes to A3B- and AB3-Type 21-Thiaporphyrins and Their Use in the Construction of Unsymmetrical Covalent and Non-Covalent Porphyrin Arrays. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 1693-1697.	2.4	22
93	3,5-Bis(dithioacetal) meso-aryl BODIPYs: selective chemodosimeters for Hg(II) ions. <i>New Journal of Chemistry</i> , 2014, 38, 3770.	2.8	22
94	Synthesis and crystal structures of 2,3,12,13-tetraalkoxy-21,23-dithiaporphyrins and 2,3-dialkoxy-21-monothiaporphyrins. <i>Tetrahedron</i> , 2004, 60, 10671-10680.	1.9	21
95	Synthesis and photophysical properties of covalently linked boron dipyrromethene dyads. <i>Dyes and Pigments</i> , 2012, 94, 66-73.	3.7	21
96	Phosphorus Complexes of meso-Triaryl-25-oxasamaragdyrins. <i>Inorganic Chemistry</i> , 2014, 53, 9431-9438.	4.0	21
97	Synthesis of mono meso-pyridyl 21,23-dithiaporphyrins and unsymmetrical non-covalent porphyrin dimers. <i>Tetrahedron</i> , 2004, 60, 8437-8444.	1.9	20
98	Synthesis of \hat{I}^2 -pyrrole and \hat{I}^2 -thiophene substituted 21,23-dithia and 21-monothiaporphyrins. <i>Tetrahedron</i> , 2004, 60, 4739-4747.	1.9	20
99	Synthesis of Covalently Linked Unsymmetrical Porphyrin Pentads Containing Three Different Porphyrin Subunits. <i>Journal of Organic Chemistry</i> , 2008, 73, 8364-8375.	3.2	20
100	Synthesis of Mono-Functionalized Core-Modified Expanded Porphyrin Building Blocks and Covalently Linked Expanded Porphyrin Dyads. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5390-5399.	2.4	20
101	Synthesis and Functionalization of BF ₂ -Complexes of meso-Free 25-Oxasamaragdyrin. <i>Journal of Organic Chemistry</i> , 2013, 78, 6285-6290.	3.2	20
102	Effects of five membered aromatic heterocycles at the meso-position on the electronic properties of 3-pyrrolyl BODIPY. <i>New Journal of Chemistry</i> , 2016, 40, 5855-5860.	2.8	20
103	\hat{I}^{\pm} -Pyrrolyl dipyrins as suitable ligands for coordination chemistry. <i>Coordination Chemistry Reviews</i> , 2017, 348, 92-120.	18.8	20
104	Meso-Fused Carbatriphyrins(2.1.1) and Its Organo Phosphorus(V) Complex. <i>Journal of Organic Chemistry</i> , 2019, 84, 9067-9074.	3.2	20
105	Effects of Core Modification on Electronic Properties of <i>para</i> -Benziporphyrins. <i>Inorganic Chemistry</i> , 2019, 58, 12069-12082.	4.0	20
106	Telluraporphyrinoids: an interesting class of core-modified porphyrinoids. <i>Dalton Transactions</i> , 2019, 48, 4444-4459.	3.3	20
107	Rhenium(I) Tricarbonyl Complexes of 5,10,15,20-Tetraphenyl-21-thia and 21-Oxaporphyrins. <i>Inorganic Chemistry</i> , 2012, 51, 6700-6709.	4.0	19
108	Neo-Porphyrinoids: New Members of the Porphyrinoid Family. <i>Topics in Current Chemistry</i> , 2021, 379, 26.	5.8	19

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109	Synthesis of Energy Donors Appended Dithiaporphyrin Systems. <i>Chemistry Letters</i> , 2000, 29, 836-837.	1.3	18
110	Synthesis and crystal structure of 2,3,12,13-tetraalkoxy-21, 23-dithiaporphyrins Electronic supplementary information (ESI) available: ¹ H-NMR, LD-MS spectra and X-ray crystal structure data. See http://www.rsc.org/suppdata/cc/b2/b208017f/ . <i>Chemical Communications</i> , 2002, , 2642-2643.	4.1	18
111	Synthesis and properties of cyclophosphazenes appended with covalently linked porphyrinâ€“ferrocene conjugates. <i>Journal of Organometallic Chemistry</i> , 2013, 724, 67-74.	1.8	18
112	Sn^{IV} Porphyrin Scaffolds for Axially Bonded Multiporphyrin Arrays: Synthesis and Structure Elucidation by NMR Studies. <i>Chemistry - A European Journal</i> , 2014, 20, 4481-4490.	3.3	18
113	Boron-dipyrromethene based multi-anionic sensor and a specific cationic sensor for Fe ³⁺ . <i>Journal of Materials Chemistry C</i> , 2014, 2, 5576.	5.5	18
114	Rhenium(I) Tricarbonyl Complexes of <i>meso</i>-Tetraaryl-21,23-diheteroporphyrins. <i>Inorganic Chemistry</i> , 2016, 55, 5305-5311.	4.0	18
115	Synthesis and Properties of Covalently Linked AzaBODIPYâ€“BODIPY Dyads and AzaBODIPY-(BODIPY)₂ Triads. <i>Journal of Organic Chemistry</i> , 2017, 82, 6568-6577.	3.2	18
116	Dibenzofuran/Dibenzothiophene-Embedded Dithia-bis(calix)-sapphyrins. <i>Journal of Organic Chemistry</i> , 2020, 85, 2180-2189.	3.2	18
117	Axially bonded pentads constructed on the Sn(^{iv}) porphyrin scaffold. <i>Dalton Transactions</i> , 2014, 43, 6870-6879.	3.3	17
118	Synthesis, Structure, Spectral and Electrochemical Properties of [20]Dioxahomoporphyrins and ÅCovalently Linked Dioxahomoporphyrinâ€“Porphyrin Dyads. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 282-290.	2.4	17
119	Synthesis of Stable [28] <i>m</i>-Benzihexaphyrins (1.0.0.1.1.1). <i>Journal of Organic Chemistry</i> , 2017, 82, 12359-12365.	3.2	17
120	Thiaporphyrins with One, Two and Four Unsubstituted meso-Carbons: Synthesis and Functionalization. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 3730-3734.	2.4	16
121	meso-5-Bromo-10,15,20-tri(p-tolyl)-21-thiaporphyrin as a Precursor for the Synthesis of Novel Compounds. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 1168-1175.	2.4	16
122	Synthesis and Anionâ€“Binding Studies of Thiaphlorins and Covalently Linked Thiaphlorinâ€“Porphyrin Dyads. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1884-1900.	2.4	16
123	Variable Interface Dipoles of Metallated Porphyrin Self-Assembled Monolayers for Metal-Gate Work Function Tuning in Advanced CMOS Technologies. <i>IEEE Nanotechnology Magazine</i> , 2010, 9, 335-337.	2.0	16
124	Synthesis and properties of covalently linked thiaporphyrinâ€“ferrocene conjugates. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 925-931.	1.8	16
125	Synthesis and characterization of hexa-coordinated Sn(iv) complexes of meso-aryl dipyrins. <i>Dalton Transactions</i> , 2013, 42, 5627.	3.3	16
126	Synthesis, X-ray structure, spectral and electrochemical properties of a Î²-meso covalently linked BODIPYâ€“Ru(ii) dipyrin complex. <i>New Journal of Chemistry</i> , 2014, 38, 5551-5558.	2.8	16

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127	Thiaporphyrins: from building blocks to multiporphyrin arrays. RSC Advances, 2014, 4, 7851.	3.6	16
128	Cyclotriphosphazene appended porphyrins and fulleropyrrolidine complexes as supramolecular multiple photosynthetic reaction centers: steady and excited states photophysical investigation. Physical Chemistry Chemical Physics, 2014, 16, 10149.	2.8	16
129	Synthesis, Structure, and Hg ²⁺ -Ion-Sensing Properties of Stable Calixazasmaragdyrins. Inorganic Chemistry, 2015, 54, 2885-2892.	4.0	16
130	Stable Core-Modified Doubly N-Fused Expanded Dibenziporphyrinoids. Journal of Organic Chemistry, 2018, 83, 1584-1590.	3.2	16
131	BF ₂ -Oxasmaragdyrin Nanoparticles: A Non-toxic, Photostable, Enhanced Non-radiative Decay-Assisted Efficient Photothermal Cancer Theragnostic Agent. ACS Applied Materials & Interfaces, 2020, 12, 52329-52342.	8.0	16
132	Rhenium(I) bridged porphyrin dyads with heteroatom substituted cores: Synthesis and fluorescence properties. Inorganica Chimica Acta, 2005, 358, 2671-2679.	2.4	15
133	Effects of meso-substituents and core-modification on photophysical and electrochemical properties of porphyrin-ferrocene conjugates. Chemical Physics Letters, 2008, 467, 179-185.	2.6	15
134	Synthesis and Properties of Covalently Linked Trichromophore Systems. European Journal of Organic Chemistry, 2011, 2011, 7011-7022.	2.4	15
135	Porphyrin Self-Assembled Monolayer as a Copper Diffusion Barrier for Advanced CMOS Technologies. IEEE Transactions on Electron Devices, 2012, 59, 1963-1969.	3.0	15
136	Unusual Formation of 21-Oxacorrole from 21-Oxaporphyrin Induced by Phosphoryl Chloride. Organic Letters, 2013, 15, 1040-1043.	4.6	15
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