Timothy D Lash

List of Publications by Year
in descending order

166 papers	7,342 citations	30070 54 h-index	74163 75 g-index
169 all docs	169 docs citations	169 times ranked	1993 citing authors

#	Article	IF	Citations
1	Carbaporphyrinoid Systems. Chemical Reviews, 2017, 117, 2313-2446.	47.7	199
2	Oxybenziporphyrin, a Fully Aromatic Semiquinone Porphyrin Analog with Pathways for 18Ï€-Electron Delocalization. Angewandte Chemie International Edition in English, 1995, 34, 2533-2535.	4.4	165
3	Conjugated Macrocycles Related to the Porphyrins. 12.1Oxybenzi- and Oxypyriporphyrins:Â Aromaticity and Conjugation in Highly Modified Porphyrinoid Structures. Journal of Organic Chemistry, 1998, 63, 9076-9088.	3.2	158
4	Porphyrin Synthesis by the â€œ3+1â€•Approach: New Applications for an Old Methodology. Chemistry - A European Journal, 1996, 2, 1197-1200.	3.3	154
5	Azuliporphyrin: A Case of Borderline Porphyrinoid Aromaticity. Angewandte Chemie International Edition in English, 1997, 36, 839-840.	4.4	135
6	Recent Advances on the Synthesis and Chemistry of Carbaporphyrins and Related Porphyrinoid Systems. European Journal of Organic Chemistry, 2007, 2007, 5461-5481.	2.4	132
7	Carbaporphyrins. Angewandte Chemie International Edition in English, 1997, 36, 840-842.	4.4	130
8	Modification of the porphyrin chromophore by ring fusion: identifying trends due to annelation of the porphyrin nucleus. Journal of Porphyrins and Phthalocyanines, 2001, 05, 267-288.	0.8	110
9	Conjugated Macrocycles Related to the Porphyrins. Part 16.1Synthesis of Hexa- and Heptaalkyl-Substituted Inverted or N-Confused Porphyrins by the â€œ3 + 1â€•Methodology. Journal of Organic Chemistry, 1999, 64, 7973-7982.	3.2	109
10	Oxypyriporphyrin, the First Fully Aromatic Porphyrinoid Macrocycle with a Pyridine Subunit. Chemistry - A European Journal, 1996, 2, 944-948.	3.3	107
11	Porphyrins with Exocyclic Rings. 14.1 Synthesis of Tetraacenaphthoporphyrins, a New Family of Highly Conjugated Porphyrins with Record-Breaking Long-Wavelength Electronic Absorptions. Journal of Organic Chemistry, 2000, 65, 1530-1539.	3.2	107
12	Conjugated Macrocycles Related to the Porphyrins. 21.â€Synthesis, Spectroscopy, Electrochemistry, and Structural Characterization of Carbaporphyrins. Journal of Organic Chemistry, 2002, 67, 4860-4874.	3.2	106
13	Out of the Blue! Azuliporphyrins and Related Carbaporphyrinoid Systems. Accounts of Chemical Research, 2016, 49, 471-482.	15.6	102
14	Silver(III) Carbaporphyrins:Â The First Organometallic Complexes of True Carbaporphyrinsâ€. Inorganic Chemistry, 2002, 41, 4840-4842.	4.0	100
15	Benziporphyrins, a unique platform for exploring the aromatic characteristics of porphyrinoid systems. Organic and Biomolecular Chemistry, 2015, 13, 7846-7878.	2.8	99
16	Adaptation of the Rothemund Reaction for Carbaporphyrin Synthesis: Preparation of meso-Tetraphenylazuliporphyrin and Related Benzocarbaporphyrins. Chemistry - A European Journal, 2002, 8, 5397-5402.	3.3	97
17	Palladium(II) Complexes of Oxybenziporphyrin. Inorganic Chemistry, 2001, 40, 6892-6900.	4.0	92
18	Porphyrins with Exocyclic Rings. 13.1Synthesis and Spectroscopic Characterization of Highly Modified Porphyrin Chromophores with Fused Acenaphthylene and Benzothiadiazole Rings. Journal of Organic Chemistry, 1998, 63, 8455-8469.	3.2	90

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19	Metal Complexes of Carbaporphyrinoid Systems. Chemistry - an Asian Journal, 2014, 9, 682-705.	3.3	88
20	Organometallic Chemistry of Azuliporphyrins:Â Synthesis, Spectroscopy, Electrochemistry, and Structural Characterization of Nickel(II), Palladium(II), and Platinum(II) Complexes of Azuliporphyrinsâ€. Inorganic Chemistry, 2003, 42, 7326-7338.	4.0	87
21	An Azulene Analogue of the Tripyrranes and Carbaporphyrinoids Therefrom. Angewandte Chemie - International Edition, 2002, 41, 1371-1374.	13.8	86
22	Origin of aromatic character in porphyrinoid systems. Journal of Porphyrins and Phthalocyanines, 2011, 15, 1093-1115.	0.8	85
23	Carbaporphyrinoid Chemistry Has a Silver Lining! Silver(III) Oxybenzi-, Oxynaphthi-, Tropi-, and Benzocarbaporphyrinsâ€. Organic Letters, 2004, 6, 549-552.	4.6	84
24	Naphthiporphyrins. Journal of Organic Chemistry, 2011, 76, 5636-5651.	3.2	83
25	Synthesis of Tetraphenyltetraacenaphthoporphyrin:Â A New Highly Conjugated Porphyrin System with Remarkably Red-Shifted Electronic Absorption Spectra. Journal of the American Chemical Society, 1996, 118, 8767-8768.	13.7	81
26	Conjugated macrocycles related to the porphyrins. Part 7.1 Tropiporphyrin: Tropylium versus porphyrinoid aromaticity. Tetrahedron Letters, 1996, 37, 8825-8828.	1.4	79
27	New Riches in Carbaporphyrin Chemistry:â€‰ Silver and Gold Organometallic Complexes of Benzocarbaporphyrins. Inorganic Chemistry, 2004, 43, 5258-5267.	4.0	78
28	Synthesis of Pyrroles from Benzyl Isocyanoacetate. Synthesis, 1994, 1994, 170-172.	2.3	74
29	Synthesis of Sapphyrins, Heterosapphyrins, and Carbasapphyrins by a â€œ4 + 1â€•Approach. Journal of Organic Chemistry, 2004, 69, 8842-8850.	3.2	74
30	Porphyrin synthesis by the â€œ3 + 1â€•methodology: A superior approach for the preparation of porphyrins with fused 9,10-phenanthroline subunits. Tetrahedron Letters, 1995, 36, 9441-9444.	1.4	73
31	Porphyrins with Exocyclic Rings. 11.1 Synthesis and Characterization of Phenanthroporphyrins, a New Class of Modified Porphyrin Chromophores. Journal of Organic Chemistry, 1998, 63, 3998-4010.	3.2	72
32	Towards hydrocarbon analogues of the porphyrins: synthesis and spectroscopic characterization of the first dicarbaporphyrinâ€. Chemical Communications, 1999, , 819-820.	4.1	72
33	Conjugated macrocycles related to the porphyrins. Part 18: Synthesis and spectroscopic characterization of electron-rich benzi- and oxybenziporphyrins: influence of steric and electronic factors on porphyrinoid aromaticity. Tetrahedron, 2001, 57, 3657-3671.	1.9	72
34	Neoâ€Confused Porphyrins, a New Class of Porphyrin Isomers. Angewandte Chemie - International Edition, 2011, 50, 9718-9721.	13.8	72
35	Synthesis, Spectroscopy, and Reactivity of meso-Unsubstituted Azuliporphyrins and Their Heteroanalogues. Oxidative Ring Contractions to Carba-, Oxacarba-, Thiacarba-, and Selenacarbaporphyrins. Journal of Organic Chemistry, 2004, 69, 8851-8864.	3.2	71
36	Aromatic and Nonaromatic Pyriporphyrinsâ€. Organic Letters, 2007, 9, 2863-2866.	4.6	70

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37	Organometallic chemistry of carbaporphyrinoids: synthesis and characterization of nickel(ii) and palladium(ii) azuliporphyrinsPart 20 of the series â€˜Conjugated Macrocycles Related to the Porphyrinsâ€™. Part 19: S. R. Graham, D. A. Colby and T. D. Lash, Angew. Chem., 2002, in press.. Chemical Communications, 2002, , 894-895.	4.1	69
38	Tetraphenanthro[9,10-b:9,10-g:9,10-l:9,10-q]-porphyrin, a New Highly Conjugated Porphyrin System. Angewandte Chemie International Edition in English, 1995, 34, 683-685.	4.4	67
39	In Vitro and In Vivo Studies of the Utility of Dimethyl and Diethyl Carbaporphyrin Ketals in Treatment of Cutaneous Leishmaniasis. Antimicrobial Agents and Chemotherapy, 2011, 55, 4755-4764.	3.2	67
40	Tropiporphyrins, Cycloheptatrienyl Analogues of the Porphyrins:Â Synthesis, Spectroscopy, Chemistry, and Structural Characterization of a Silver(III) Derivativeâ€. Journal of Organic Chemistry, 2004, 69, 7888-7897.	3.2	64
41	Synthesis of Isomeric Angularly Annealed Dinaphthoporphyrin Systems:Â Examination of the Relative Positioning and Orientation of Ring Fusion as Factors Influencing the Porphyrin Chromophoreâ€. Journal of Organic Chemistry, 2005, 70, 874-891.	3.2	64
42	Syntheses and Reactivity ofmeso-Unsubstituted Azuliporphyrins Derived from 6-tert-Butyl- and 6-Phenylazuleneâ€. Journal of Organic Chemistry, 2007, 72, 8402-8415.	3.2	63
43	Porphyrins with Exocyclic Rings: Part 9 [1] Synthesis of Porphyrins by the â€˜3 + 1â€™ approach. Journal of Porphyrins and Phthalocyanines, 1997, 01, 29-44.	0.8	62
44	Oxybenziporphyrins, Oxypyriporphyrins, Benzocarbaporphyrins, and Their 23-Oxa and 23-Thia Analogues:Â Synthesis, Spectroscopic Characterization, Metalation, and Structural Characterization of a Palladium(II) Organometallic Derivativeâ€. Journal of Organic Chemistry, 2004, 69, 6079-6093.	3.2	62
45	Synthesis and Reactivity of Carbachlorins and Carbaporphyrins. Journal of Organic Chemistry, 2014, 79, 7112-7121.	3.2	62
46	Synthesis of phenanthropyrroles and phenanthrolinopyrroles from isocyanoacetates: An extension of the barton-zard pyrrole condensation. Tetrahedron Letters, 1994, 35, 2493-2494.	1.4	60
47	Geochemical origins of sedimentary benzoporphyrins and tetrahydrobenzoporphyrins. Energy & Fuels, 1993, 7, 166-171.	5.1	58
48	Carbachlorins. Chemistry - A European Journal, 1998, 4, 508-511.	3.3	57
49	Calix[4]azulene. Journal of Organic Chemistry, 2002, 67, 1031-1033.	3.2	57
50	The azuliporphyrin-carbaporphyrin connectionâ€. Chemical Communications, 1998, , 1683-1684.	4.1	56
51	Porphyrins with Exocyclic Rings. 15.1Synthesis of Quino- and Isoquinoporphyrins, Aza Analogues of the Naphthoporphyrins. Journal of Organic Chemistry, 2000, 65, 8020-8026.	3.2	56
52	Oxidative Metalation of Azuliporphyrins with Copper(II) Salts: Formation of a Porphyrin Analogue System with a Unique Fully Conjugated Nonaromatic Azulene Subunit. Angewandte Chemie - International Edition, 2004, 43, 1346-1349.	13.8	56
53	Tetraaryldimethoxybenziporphyrins. At the Edge of Carbaporphyrinoid Aromaticity. Journal of Organic Chemistry, 2007, 72, 6481-6492.	3.2	56
54	Porphyrins with Exocyclic Rings. 16.1Synthesis and Spectroscopic Characterization of Fluoranthoporphyrins, a New Class of Highly Conjugated Porphyrin Chromophores. Journal of Organic Chemistry, 2001, 66, 3152-3159.	3.2	54

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55	Synthesis and Characterization of Tetraphenyl-21,23-dideazaporphyrin: The Best Evidence Yet That Porphyrins Really Are the [18]Annulenes of Nature. Journal of the American Chemical Society, 2010, 132, 12786-12787.	13.7	54
56	Versatile â€œ3 + 1â€•syntheses of acenaphthoporphyrins, a new family of highly conjugated tetrapyrroles. Tetrahedron Letters, 1996, 37, 4873-4876.	1.4	53
57	Carbaporphyrin ketals as potential agents for a new photodynamic therapy treatment of leishmaniasis. Bioorganic and Medicinal Chemistry, 2008, 16, 7033-7038.	3.0	53
58	Regioselective Oxidations of Benzocarbaporphyrins with Ferric Chloride:Â A Facile Synthesis of Bridged [18]Annulene Ketals with Strong Absorptions in the Far Red and an Unexpected Halogenation Reaction at the Interior Carbon Atomâ€. Journal of Organic Chemistry, 2003, 68, 8558-8570.	3.2	51
59	New highly conjugated porphyrin chromophores: Synthesis of mono- and diphenanthroporphyrins. Tetrahedron Letters, 1995, 36, 4381-4384.	1.4	50
60	Synthesis of novel porphyrin chromophores from nitroarenes: Further applications of the Barton-Zard pyrrole condensation. Tetrahedron Letters, 1997, 38, 2031-2034.	1.4	50
61	adj-Diazuliporphyrins, a New Family of Dicarbaporphyrinoids with Unprecedented Mesoionic Characteristics. Organic Letters, 2009, 11, 101-104.	4.6	49
62	Porphyrins with exocyclic rings. Part 5. Synthesis of a naphtho[1,2-b]porphyrin.. Tetrahedron, 1995, 51, 59-66.	1.9	48
63	Facile oxidation of a carbaporphyrin at the internal carbon atom: synthesis of novel benzo[18]annulene ketalsâ€. Chemical Communications, 1998, , 2409-2410.	4.1	48
64	Conjugated Macrocycles Related to the Porphyrins. 25.â€Proton NMR Spectroscopic Evidence for a Preferred [18]Annulene Substructure in Carbaporphyrins from the Magnitude of Selected4JH,HCHCCH3Coupling Constants. Journal of Organic Chemistry, 2003, 68, 1755-1761.	3.2	48
65	Porphyrins with exocyclic rings. Part 19: Efficient syntheses of phenanthrolinoporphyrins. Tetrahedron, 2005, 61, 11601-11614.	1.9	47
66	Synthesis of an adj-Dicarbaporphyrin and the Formation of an Unprecedented Tripalladium Sandwich Complex. Journal of the American Chemical Society, 2014, 136, 6763-6772.	13.7	46
67	Unusual Peroxide-Dependent, Heme-Transforming Reaction Catalyzed by HemQ. Biochemistry, 2015, 54, 4022-4032.	2.5	46
68	Proline betaine is a highly effective osmoprotectant for Staphylococcus aureus. Archives of Microbiology, 1995, 163, 138-142.	2.2	45
69	Synthesis of Novel Pyrrolic Compounds from Nitroarenes and Isocyanoacetates Using a Phosphazene Superbase. Synlett, 2000, 2000, 213-216.	1.8	45
70	Fulvene Dialdehyde Strategy foradj-Dicarbaporphyrinoid Synthesis:Â Preparation of a 22-Carbaazuliporphyrin. Journal of the American Chemical Society, 2007, 129, 13800-13801.	13.7	43
71	Adding to the confusion! Synthesis and metalation of pyrazole analogues of the porphyrins. Chemical Communications, 2008, , 6309.	4.1	42
72	Association of Acenaphthoporphyrins with Liposomes for the Photodynamic Treatment of Leishmaniasis. Photochemistry and Photobiology, 2010, 86, 645-652.	2.5	42

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73	Synthesis, Structural Characterization, Aromatic Characteristics, and Metalation of Neo-Confused Porphyrins, a Newly Discovered Class of Porphyrin Isomers. Journal of Organic Chemistry, 2014, 79, 4078-4093.	3.2	42
74	Synthesis, spectroscopy and metallation of mixed carbaporphyrinoid systems. Chemical Communications, 2002, , 2426-2427.	4.1	41
75	Carbaporphyrins, porphyrin isomers and the legacy of Emanuel Vogel. Journal of Porphyrins and Phthalocyanines, 2012, 16, 423-433.	0.8	40
76	Tetraphenyloxybenziporphyrin, a New Organometallic Ligand for Silver(III) and Gold(III)â€. Organic Letters, 2006, 8, 5263-5266.	4.6	39
77	Unexpected Alkyl Group Migration in Palladium(II) Benzocarbaporphyrins. Organic Letters, 2011, 13, 4632-4635.	4.6	39
78	Synthesis and Reactivity of N-Methyl and N-Phenyl meso-Unsubstituted N-Confused Porphyrins. Journal of Organic Chemistry, 2008, 73, 9417-9425.	3.2	38
79	Whatâ€™s in a name? The MacDonald condensation. Journal of Porphyrins and Phthalocyanines, 2016, 20, 855-888.	0.8	38
80	Preparation of Azulene-Derived Fulvenedialdehydes and Their Application to the Synthesis of Stable adj-Dicarbaporphyrinoids. Journal of Organic Chemistry, 2012, 77, 2368-2381.	3.2	37
81	Relative Stability and Diatropic Character of Carbaporphyrin, Dicarbaporphyrin, Tricarbaporphyrin, and Quatyrin Tautomers. Journal of Organic Chemistry, 2013, 78, 11535-11548.	3.2	37
82	Porphyrin on a Half-Shell! Synthesis and Characterization of Corannulenoporphyrins. Journal of Organic Chemistry, 2010, 75, 2518-2527.	3.2	36
83	Synthesis of Benziporphyrins and Heterobenziporphyrins and an Assessment of the Diatropic Characteristics of the Protonated Species. Journal of Organic Chemistry, 2013, 78, 9143-9152.	3.2	34
84	Synthesis and Metalation of Dimethoxybenziporphyrins, Thiabenziporphyrins, and Dibenziporphyrins. Journal of Organic Chemistry, 2014, 79, 11061-11074.	3.2	34
85	Oxybenziporphyrin, ein vollstÃndig aromatisches Semichinonâ€Porphyrinâ€Analogon mit DelokalisierungsmÃ¶glichkeiten fÃ¼r 18 Ïâ€Elektronen. Angewandte Chemie, 1995, 107, 2703-2705.	2.0	33
86	Synthesis of a Series of Aromatic Benziporphyrins and Heteroanalogues via Tripyrrane-Like Intermediates Derived from Resorcinol and 2-Methylresorcinol. Journal of Organic Chemistry, 2011, 76, 6295-6308.	3.2	33
87	Iridium(iii) azuliporphyrins. Chemical Communications, 2012, 48, 11793.	4.1	33
88	An improved synthesis of pyrroles from Nâ€pâ€toluenesulfonylglycine esters and Î±,Î²â€unsaturated aldehydes and ketones. Journal of Heterocyclic Chemistry, 1991, 28, 1671-1676.	2.6	31
89	Synthesis of Indenoporphyrins, Highly Modified Porphyrins with Reduced Diatropic Characteristics. Journal of Organic Chemistry, 2011, 76, 5335-5345.	3.2	31
90	Porphyrins with exocyclic rings. Part 10. Synthesis of meso,Î²-propanoporphyrins from 4,5,6,7-tetrahydro-1H-indoles. Tetrahedron, 1998, 54, 359-374.	1.9	30

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91	Synthesis of benzyl and tertâ€butyl 3â€(2â€methoxycarbonylethyl)â€4â€methylpyrroleâ€2â€carboxylates from methyl 4â€oxobutanoate. Journal of Heterocyclic Chemistry, 1994, 31, 255-257.	2.6	29
92	Preparation of Furan and Thiophene-Derived Fulvene Dialdehydes: Synthesis and Structural Characterization of a 22-Oxa-21-carbaporphyrin and a Related Palladium(II) Organometallic Complexâ€. Journal of Organic Chemistry, 2010, 75, 6563-6573.	3.2	29
93	Normal and Abnormal Heme Biosynthesis. 1. Synthesis and Metabolism of Di- and Monocarboxylic Porphyrinogens Related to Coproporphyrinogen-III and Harderoporphyrinogen:â€‰ A Model for the Active Site of Coproporphyrinogen Oxidase. Journal of Organic Chemistry, 1999, 64, 464-477.	3.2	28
94	Porphyrins with exocyclic rings. Part 20: Synthesis and spectroscopic characterization of porphyrins with fused 2,1,3-benzoxadiazole and 2,1,3-benzoselenadiazole moieties. Tetrahedron, 2005, 61, 11615-11627.	1.9	28
95	Synthesis of aromatic dicarbaporphyrinoids from resorcinol and 2-methylresorcinol. Tetrahedron Letters, 2006, 47, 8863-8866.	1.4	28
96	Synthesis and Reactivity of 2³â€tertâ€Butylâ€and 2³â€Phenyltetraarylazuliporphyrins: an Analysis of the Effect of Bulky Substituents on Oxidative Ring Contractions to Benzocarbaporphyrins. European Journal of Organic Chemistry, 2007, 2007, 3981-3990.	2.4	28
97	Synthesis of a Tetraazulene Porphodimethene Analogue. Journal of Organic Chemistry, 2009, 74, 8830-8833.	3.2	28
98	Porphyrins with exocyclic rings. Part 24. Synthesis and spectroscopic properties of pyrenoporphyrins, potential building blocks for porphyrin molecular wires. Tetrahedron, 2010, 66, 1787-1799.	1.9	28
99	Porphyrins with exocyclic rings. Part 4. An improved one step synthesis of cyclopenta[b]pyrroles. Journal of Heterocyclic Chemistry, 1993, 30, 477-482.	2.6	27
100	Carbaporphyrine. Angewandte Chemie, 1997, 109, 868-870.	2.0	26
101	The enigma of coproporphyrinogen oxidase: How does this unusual enzyme carry out oxidative decarboxylations to afford vinyl groups?. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 4506-4509.	2.2	26
102	Improved syntheses of meso-tetraarylbenziporphyrins and observations of substituent effects on the diatropic characteristics of these formally nonaromatic carbaporphyrinoids. Tetrahedron, 2009, 65, 9527-9535.	1.9	26
103	Aromatic character and relative stability of neo-confused porphyrin tautomers and related compounds. Organic and Biomolecular Chemistry, 2013, 11, 8306.	2.8	25
104	Rhodium(III) Azuliporphyrins. Organometallics, 2015, 34, 3842-3848.	2.3	25
105	tert-Butyl-Substituted Tripyrranes:â€‰ Insights into the Steric and Conformational Factors that Influence Porphyrinoid Ring Formation in the â€œ3 + 1â€Methodology. Journal of Organic Chemistry, 2003, 68, 3896-3901.	3.2	24
106	Benzo[1,2â€c:3,4â€c']bis[1,2,5]selenadiazole, [1,2,5]selenadiazoloâ€[3,4â€e]â€2,1,3â€benzothiadiazole, furazanobenzoâ€2,1,3â€thiadiazole, furazanobenzoâ€2,1,3â€selenadiazole and related heterocyclic systems. Journal of Heterocyclic Chemistry, 2004, 41, 955-962.	2.6	24
107	Pyreniporphyrins: Porphyrin Analogues That Incorporate a Polycyclic Aromatic Hydrocarbon Subunit within the Macrocyclic Framework. Journal of Organic Chemistry, 2017, 82, 6680-6688.	3.2	24
108	Conjugated macrocycles related to the porphyrins. Part 2. Further synthetic and spectroscopic studies on difuryl analogs of the oxophlorins. Journal of Heterocyclic Chemistry, 1991, 28, 965-970.	2.6	23

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109	Relative stability of benziporphyrin and naphthiporphyrin tautomers and the emergence of macrocyclic diatropicity. Organic and Biomolecular Chemistry, 2014, 12, 8719-8736.	2.8	23
110	Rhodium(<scp>i</scp>), rhodium(<scp>iii</scp>) and iridium(<scp>iii</scp>) carbaporphyrins. Dalton Transactions, 2016, 45, 13691-13694.	3.3	23
111	Synthesis of Expanded Porphyrinoids with Azulene and Indene Subunits and an opp-Dioxadicarbaporphyrin from Fulvene Carbinols and a Dioxacarbatripyrrin. Journal of Organic Chemistry, 2018, 83, 12619-12631.	3.2	23
112	[22]Porphyrin-(3.1.1.3), a New Vinylogous Expanded Porphyrin Systemâ€. Organic Letters, 2006, 8, 5113-5116.	4.6	22
113	Synthesis of a neo-confused porphyrin and an unusual dihydroporphyrin derivative. Chemical Communications, 2013, 49, 7537.	4.1	22
114	adj-Dicarbachlorin, the first free base carbaporphyrinoid system with an internal methylene unit. Chemical Communications, 2015, 51, 15952-15955.	4.1	20
115	Syntheses of Carbaporphyrinoid Systems Using a Carbatripyrrin Methodology. Organic Letters, 2015, 17, 4522-4525.	4.6	20
116	Normal and Abnormal Heme Biosynthesis. 2.1 Synthesis and Metabolism of Type-III Pentacarboxylic Porphyrinogens:â€‰ Further Experimental Evidence for the Enzymic Clockwise Decarboxylation of Uroporphyrinogen-III. Journal of Organic Chemistry, 1999, 64, 478-487.	3.2	18
117	Normal and Abnormal Heme Biosynthesis. 3.1Synthesis and Metabolism of Tripropionate Analogues of Coproporphyrinogen-III:Â Novel Probes for the Active Site of Coproporphyrinogen Oxidase. Journal of Organic Chemistry, 2001, 66, 3753-3759.	3.2	18
118	Tropone-Fused Carbaporphyrins. Journal of Organic Chemistry, 2014, 79, 9704-9716.	3.2	18
119	Synthesis and Properties of Carbaporphyrin and Carbachlorin Dimethyl Esters Derived from Cyclopentanedialdehydes. Journal of Organic Chemistry, 2017, 82, 9715-9730.	3.2	18
120	Naphtho[2,3-b]carbaporphyrins. Journal of Organic Chemistry, 2018, 83, 11825-11838.	3.2	18
121	Metalation and Selective Oxidation of Diphenyl-23-oxa-, -thia-, and -selena-21-carbaporphyrins. Inorganic Chemistry, 2017, 56, 11426-11434.	4.0	17
122	Porphyrins with exocyclic rings. Part 9 [1] Synthesis of porphyrins by the â€˜3â€‰+â€‰1â€™ approach. Journal of Porphyrins and Phthalocyanines, 1997, 1, 29-44.	0.8	17
123	Synthesis of the chlorin macrocycle by the â€˜3 + 1â€™ approach. Chemical Communications, 2000, , 299-300.	4.1	16
124	Normal and abnormal heme biosynthesis. Part 7. Synthesis and metabolism of coproporphyrinogen-III analogues with acetate or butyrate side chains on rings C and D. Development of a modified model for the active site of coproporphyrinogen oxidase. Bioorganic and Medicinal Chemistry, 2011, 19, 1492-1504.	3.0	16
125	Synthesis, structural characterization and reactivity of heteroazuliporphyrins. Organic and Biomolecular Chemistry, 2014, 12, 316-329.	2.8	16
126	Preparation, Structural Characterization, Assessment of Potential Antiaromaticity and Metalation of 21-Oxyazuliporphyrins. Inorganic Chemistry, 2015, 54, 9174-9187.	4.0	16

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127	Regioselective oxidation and metalation of meso-unsubstituted azuliporphyrins. Organic and Biomolecular Chemistry, 2016, 14, 10523-10533.	2.8	16
128	Porphyrins with exocyclic rings. Part 8. Synthesis of nitrogenâ€15 and carbonâ€13 labeled 2,3:7,8:12,13:17,18â€tetrabutanoporphyrin. Journal of Heterocyclic Chemistry, 1997, 34, 273-278.	2.6	15
129	Further Observations on Conformational and Substituent Effects in Acid-Catalyzed â€œ3 + 1â€• Cyclizations of Tripyrranes with Aromatic Dialdehydes. Journal of Organic Chemistry, 2012, 77, 9774-9783.	3.2	15
130	Twoâ€Step Synthesis of Stable Dioxadicarbaporphyrins from Bis(3â€indenyl)methane. Angewandte Chemie - International Edition, 2012, 51, 10871-10875.	13.8	15
131	Mechanochemical formation of a 1:1 C₆₀: tert-butylcalix[4]azulene supramolecular complex: solid-state NMR and DFT computational studies. Supramolecular Chemistry, 2016, 28, 396-402.	1.2	15
132	Conjugated macrocycles related to the porphyrins. Part 3. Acid catalyzed condensations of thiophenecarboxaldehydes with a dipyrrylmethane. Journal of Heterocyclic Chemistry, 1992, 29, 523-527.	2.6	14
133	Normal and Abnormal Heme Biosynthesis. 6. Synthesis and Metabolism of a Series of Monovinylporphyrinogens Related to Harderoporphyrinogen. Further Insights into the Oxidative Decarboxylation of Porphyrinogen Substrates by Coproporphyrinogen Oxidase. Journal of Organic Chemistry, 2010, 75, 3183-3192.	3.2	13
134	In Pursuit of Novel Porphyrin Isomers. Aromatic Character and Relative Stability of Conjugated Tetrapyrroles with Two Neo-Confused Rings or with Mixed Neo-Confused and N-Confused Subunits. Journal of Physical Chemistry A, 2015, 119, 11440-11453.	2.5	13
135	Tropylium and Porphyrinoid Character in Carbaporphyrinoid Systems. Relative Stability and Aromatic Characteristics of Azuliporphyrin and Tropiporphyrin Tautomers, Protonated Species, and Related Structures. Journal of Physical Chemistry A, 2019, 123, 230-246.	2.5	13
136	Metalation and Methyl Group Migration in 21-, 22-, and 23-Methylcarbaporphyrins: Synthesis and Characterization of Palladium(II), Rhodium(I), and Rhodium(III) Derivatives. Organometallics, 2019, 38, 575-585.	2.3	12
137	Coordination Chemistry of Modified Porphyrinoid Systems. Chemical Reviews, 2022, 122, 7987-7989.	47.7	12
138	Telluracarbaporphyrins and a Related Palladium(II) Complex: Evidence for Hypervalent Interactions. Inorganic Chemistry, 2021, 60, 9833-9847.	4.0	11
139	Azulichlorins and Benzocarbachlorins Derived Therefrom. Journal of Organic Chemistry, 2019, 84, 11649-11664.	3.2	10
140	Synthesis of Azulitriphyrins(1.2.1) and Related Benzocarbatriphyrins. Journal of Organic Chemistry, 2019, 84, 14733-14744.	3.2	10
141	Synthesis and Characterization of N-Methylporphyrins, Heteroporphyrins, Carbaporphyrins, and Related Systems. Journal of Organic Chemistry, 2020, 85, 13050-13068.	3.2	10
142	Preparation of stable fulvene and difulvene aldehydes from benzaldehydes and an indene-derived enamine: formation of novel indene-fused benzodiazepines and attempted syntheses of di- and tricarbaporphyrinoid systems. Tetrahedron, 2009, 65, 9935-9943.	1.9	9
143	Alphabet soup within a porphyrinoid cavity: synthesis of heterocarbaporphyrins with CNNO, CNOO, CNSO and CNSeO Cores from an oxacarbatripyrrin. Chemical Communications, 2018, 54, 9003-9006.	4.1	9
144	Rhodium Complexes of Carbaporphyrins, Carbachlorins, adj-Dicarbaporphyrins, and an adj-Dicarbachlorin. Inorganic Chemistry, 2019, 58, 7511-7526.	4.0	9

#	Article	IF	Citations
145	Tetraphenanthro[9,10â€b:9,10â€g:9,10â€l:9,10â€q]â€porphyrin, ein neues hochkonjugiertes Porphyrinderivat. Angewandte Chemie, 1995, 107, 723-725.	2.0	8
146	One step synthesis of dihydropyrrolo[3,2â€e]indoles from 1,4â€cyclohexanedione. Journal of Heterocyclic Chemistry, 1993, 30, 525-528.	2.6	7
147	Unprecedented overmetabolism of a porphyrinogen substrate by coproporphyrinogen oxidase. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 1079-1082.	2.2	7
148	Synthesis and Oxidation of Internally Chlorinated Carbachlorins. European Journal of Organic Chemistry, 2017, 2017, 6775-6780.	2.4	7
149	Late transition metal complexes of oxypyriporphyrin and the platinum(II) complex of oxybenziporphyrin. Journal of Porphyrins and Phthalocyanines, 2017, 21, 493-501.	0.8	7
150	Alkylation, metalation and ring contraction of tropiporphyrin. Journal of Porphyrins and Phthalocyanines, 2020, 24, 181-190.	0.8	6
151	Extended porphyrinoid chromophores: heteroporphyrins fused to phenanthrene and acenaphthylene. Tetrahedron, 2021, 100, 132481.	1.9	6
152	Synthesis of a Series of Tropone-Fused Porphyrinoids. Journal of Organic Chemistry, 2022, 87, 952-962.	3.2	6
153	Metabolism of Analogues of Coproporphyrinogen-III with Modified Side Chains: Implications for Binding at the Active Site of Coproporphyrinogen Oxidase. Bioorganic and Medicinal Chemistry Letters, 2002, 12, 451-456.	2.2	5
154	Normal and abnormal heme biosynthesis Part 4: Molecular dynamics simulations of coproporphyrinogen-III and related di- and tricarboxylic acids. Journal of Porphyrins and Phthalocyanines, 2005, 09, 170-185.	0.8	5
155	Dihydropyracyloporphyrins. Tetrahedron Letters, 2020, 61, 152662.	1.4	5
156	Proline betaine is a highly effective osmoprotectant for Staphylococcus aureus. Archives of Microbiology, 1995, 163, 138-142.	2.2	5
157	Synthesis of internally alkylated azuliporphyrins. Journal of Porphyrins and Phthalocyanines, 2020, 24, 817-829.	0.8	4
158	Exploring the limitations of the MacDonald â€˜3Â+Â1â€™ condensation in the preparation of porphyrins with fused electron-withdrawing heterocyclic rings: Synthesis of a bis(thiadiazolo)benzoporphyrin and a related benzocarbaporphyrin. Tetrahedron Letters, 2020, 61, 152576.	1.4	4
159	Synthesis of 2-bromo- and 2-phenyl-neo-confused porphyrins. Organic and Biomolecular Chemistry, 2020, 18, 7336-7344.	2.8	4
160	Recent developments in the chemistry of heteroporphyrins and heterocarbaporphyrins. Advances in Heterocyclic Chemistry, 2022, , 243-334.	1.7	4
161	Synthesis, metalation and antiaromatic properties of 22-hydroxybenziporphyrins. Journal of Porphyrins and Phthalocyanines, 2021, 25, 1095-1103.	0.8	3
162	Oxyquinoliziniporphyrins: Introduction of a Heterocyclic Dimension to Carbaporphyrinoid Systems. Organic Letters, 0, , .	4.6	3

#	Article	IF	Citations
163	An alternative synthesis of benziporphyrins starting from isophthaloyl chloride. Journal of Porphyrins and Phthalocyanines, 2017, 21, 532-538.	0.8	2
164	adj-Dicarbaporphyrinoid Systems: Synthesis, Spectroscopic Characterization, and Reactivity of 23-Carbabenziporphyrins. Journal of Organic Chemistry, 2019, 84, 10237-10256.	3.2	2
165	Tetrabutyldideazaporphyrin. Tetrahedron Letters, 2020, 61, 152619.	1.4	2
166	Carbachlorins. Chemistry - A European Journal, 1998, 4, 508-511.	3.3	1