

Timothy D Lash

List of Publications by Year in descending order

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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	Synthesis of a Series of Tropone-Fused Porphyrinoids. <i>Journal of Organic Chemistry</i> , 2022, 87, 952-962.	3.2	6
2	Recent developments in the chemistry of heteroporphyrins and heterocarbaporphyrins. <i>Advances in Heterocyclic Chemistry</i> , 2022, , 243-334.	1.7	4
3	Coordination Chemistry of Modified Porphyrinoid Systems. <i>Chemical Reviews</i> , 2022, 122, 7987-7989.	47.7	12
4	Telluracarbaporphyrins and a Related Palladium(II) Complex: Evidence for Hypervalent Interactions. <i>Inorganic Chemistry</i> , 2021, 60, 9833-9847.	4.0	11
5	Synthesis, metalation and antiaromatic properties of 22-hydroxybenzporphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2021, 25, 1095-1103.	0.8	3
6	Extended porphyrinoid chromophores: heteroporphyrins fused to phenanthrene and acenaphthylene. <i>Tetrahedron</i> , 2021, 100, 132481.	1.9	6
7	Alkylation, metalation and ring contraction of tropiporphyrin. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 181-190.	0.8	6
8	Synthesis of internally alkylated azuliporphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 817-829.	0.8	4
9	Dihydropyracyloporphyrins. <i>Tetrahedron Letters</i> , 2020, 61, 152662.	1.4	5
10	Exploring the limitations of the MacDonald 3+1 condensation in the preparation of porphyrins with fused electron-withdrawing heterocyclic rings: Synthesis of a bis(thiadiazolo)benzoporphyrin and a related benzocarbaporphyrin. <i>Tetrahedron Letters</i> , 2020, 61, 152576.	1.4	4
11	Synthesis of 2-bromo- and 2-phenyl-neo-confused porphyrins. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7336-7344.	2.8	4
12	Synthesis and Characterization of <i>N</i> -Methylporphyrins, Heteroporphyrins, Carbaporphyrins, and Related Systems. <i>Journal of Organic Chemistry</i> , 2020, 85, 13050-13068.	3.2	10
13	Tetrabutyl-dideazaporphyrin. <i>Tetrahedron Letters</i> , 2020, 61, 152619.	1.4	2
14	Azulichlorins and Benzocarbachlorins Derived Therefrom. <i>Journal of Organic Chemistry</i> , 2019, 84, 11649-11664.	3.2	10
15	<i>adj</i> -Dicarbaporphyrinoid Systems: Synthesis, Spectroscopic Characterization, and Reactivity of 23-Carbabenziporphyrins. <i>Journal of Organic Chemistry</i> , 2019, 84, 10237-10256.	3.2	2
16	Synthesis of Azulitriphyrins(1.2.1) and Related Benzocarbatriphyrins. <i>Journal of Organic Chemistry</i> , 2019, 84, 14733-14744.	3.2	10
17	Rhodium Complexes of Carbaporphyrins, Carbachlorins, <i>adj</i> -Dicarbaporphyrins, and an <i>adj</i> -Dicarbachlorin. <i>Inorganic Chemistry</i> , 2019, 58, 7511-7526.	4.0	9
18	Tropylum and Porphyrinoid Character in Carbaporphyrinoid Systems. Relative Stability and Aromatic Characteristics of Azuliporphyrin and Tropiporphyrin Tautomers, Protonated Species, and Related Structures. <i>Journal of Physical Chemistry A</i> , 2019, 123, 230-246.	2.5	13

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19	Metalation and Methyl Group Migration in 21-, 22-, and 23-Methylcarbaporphyrins: Synthesis and Characterization of Palladium(II), Rhodium(I), and Rhodium(III) Derivatives. <i>Organometallics</i> , 2019, 38, 575-585.	2.3	12
20	Synthesis of Expanded Porphyrinoids with Azulene and Indene Subunits and an opp-Dioxadecarbaporphyrin from Fulvene Carbinols and a Dioxacarbatripyrrin. <i>Journal of Organic Chemistry</i> , 2018, 83, 12619-12631.	3.2	23
21	Naphtho[2,3- <i>b</i>]carbaporphyrins. <i>Journal of Organic Chemistry</i> , 2018, 83, 11825-11838.	3.2	18
22	Alphabet soup within a porphyrinoid cavity: synthesis of heterocarbaporphyrins with CNNO, CNOO, CNSO and CNSeO Cores from an oxacarbatripyrrin. <i>Chemical Communications</i> , 2018, 54, 9003-9006.	4.1	9
23	Pyreniporphyrins: Porphyrin Analogues That Incorporate a Polycyclic Aromatic Hydrocarbon Subunit within the Macrocyclic Framework. <i>Journal of Organic Chemistry</i> , 2017, 82, 6680-6688.	3.2	24
24	Synthesis and Oxidation of Internally Chlorinated Carbachlorins. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6775-6780.	2.4	7
25	Synthesis and Properties of Carbaporphyrin and Carbachlorin Dimethyl Esters Derived from Cyclopentanedialdehydes. <i>Journal of Organic Chemistry</i> , 2017, 82, 9715-9730.	3.2	18
26	Late transition metal complexes of oxyppyriporphyrin and the platinum(II) complex of oxybenzporphyrin. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 493-501.	0.8	7
27	Metalation and Selective Oxidation of Diphenyl-23-oxa-, -thia-, and -selena-21-carbaporphyrins. <i>Inorganic Chemistry</i> , 2017, 56, 11426-11434.	4.0	17
28	An alternative synthesis of benziporphyrins starting from isophthaloyl chloride. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 532-538.	0.8	2
29	Carbaporphyrinoid Systems. <i>Chemical Reviews</i> , 2017, 117, 2313-2446.	47.7	199
30	Whatâ€™s in a name? The MacDonald condensation. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 855-888.	0.8	38
31	Rhodium(<i>i</i>), rhodium(<i>iii</i>) and iridium(<i>iii</i>) carbaporphyrins. <i>Dalton Transactions</i> , 2016, 45, 13691-13694.	3.3	23
32	Regioselective oxidation and metalation of meso-unsubstituted azuliporphyrins. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 10523-10533.	2.8	16
33	Out of the Blue! Azuliporphyrins and Related Carbaporphyrinoid Systems. <i>Accounts of Chemical Research</i> , 2016, 49, 471-482.	15.6	102
34	Mechanochemical formation of a 1:1 C ₆₀ : <i>tert</i> -butylcalix[4]azulene supramolecular complex: solid-state NMR and DFT computational studies. <i>Supramolecular Chemistry</i> , 2016, 28, 396-402.	1.2	15
35	Rhodium(III) Azuliporphyrins. <i>Organometallics</i> , 2015, 34, 3842-3848.	2.3	25
36	Benziporphyrins, a unique platform for exploring the aromatic characteristics of porphyrinoid systems. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 7846-7878.	2.8	99

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37	Unusual Peroxide-Dependent, Heme-Transforming Reaction Catalyzed by HemQ. <i>Biochemistry</i> , 2015, 54, 4022-4032.	2.5	46
38	adj-Dicarbachlorin, the first free base carbaporphyrinoid system with an internal methylene unit. <i>Chemical Communications</i> , 2015, 51, 15952-15955.	4.1	20
39	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. <i>Journal of Physical Chemistry A</i> , 2015, 119, 11440-11453.	2.5	13
40	Syntheses of Carbaporphyrinoid Systems Using a Carbatripyrrin Methodology. <i>Organic Letters</i> , 2015, 17, 4522-4525.	4.6	20
41	Preparation, Structural Characterization, Assessment of Potential Antiaromaticity and Metalation of 21-Oxyazuliporphyrins. <i>Inorganic Chemistry</i> , 2015, 54, 9174-9187.	4.0	16
42	Metal Complexes of Carbaporphyrinoid Systems. <i>Chemistry - an Asian Journal</i> , 2014, 9, 682-705.	3.3	88
43	Synthesis, structural characterization and reactivity of heteroazuliporphyrins. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 316-329.	2.8	16
44	Synthesis and Metalation of Dimethoxybenziporphyrins, Thiabenziporphyrins, and Dibenziporphyrins. <i>Journal of Organic Chemistry</i> , 2014, 79, 11061-11074.	3.2	34
45	Relative stability of benziporphyrin and naphthiporphyrin tautomers and the emergence of macrocyclic diatropicity. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8719-8736.	2.8	23
46	Synthesis of an <i>adj</i> -Dicarbaporphyrin and the Formation of an Unprecedented Tripalladium Sandwich Complex. <i>Journal of the American Chemical Society</i> , 2014, 136, 6763-6772.	13.7	46
47	Tropone-Fused Carbaporphyrins. <i>Journal of Organic Chemistry</i> , 2014, 79, 9704-9716.	3.2	18
48	Synthesis and Reactivity of Carbachlorins and Carbaporphyrins. <i>Journal of Organic Chemistry</i> , 2014, 79, 7112-7121.	3.2	62
49	Synthesis, Structural Characterization, Aromatic Characteristics, and Metalation of Neo-Confused Porphyrins, a Newly Discovered Class of Porphyrin Isomers. <i>Journal of Organic Chemistry</i> , 2014, 79, 4078-4093.	3.2	42
50	Synthesis of a neo-confused porphyrin and an unusual dihydroporphyrin derivative. <i>Chemical Communications</i> , 2013, 49, 7537.	4.1	22
51	Relative Stability and Diatropic Character of Carbaporphyrin, Dicarbaporphyrin, Tricarbaporphyrin, and Quatyrin Tautomers. <i>Journal of Organic Chemistry</i> , 2013, 78, 11535-11548.	3.2	37
52	Aromatic character and relative stability of neo-confused porphyrin tautomers and related compounds. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 8306.	2.8	25
53	Synthesis of Benziporphyrins and Heterobenziporphyrins and an Assessment of the Diatropic Characteristics of the Protonated Species. <i>Journal of Organic Chemistry</i> , 2013, 78, 9143-9152.	3.2	34
54	Preparation of Azulene-Derived Fulvenedialdehydes and Their Application to the Synthesis of Stable <i>adj</i> -Dicarbaporphyrinoids. <i>Journal of Organic Chemistry</i> , 2012, 77, 2368-2381.	3.2	37

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55	Iridium(III) azuliporphyrins. <i>Chemical Communications</i> , 2012, 48, 11793.	4.1	33
56	Further Observations on Conformational and Substituent Effects in Acid-Catalyzed $\alpha^3 + 1\alpha$ -Cyclizations of Tripyrranes with Aromatic Dialdehydes. <i>Journal of Organic Chemistry</i> , 2012, 77, 9774-9783.	3.2	15
57	Carbaporphyrins, porphyrin isomers and the legacy of Emanuel Vogel. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 423-433.	0.8	40
58	Two-Step Synthesis of Stable Dioxadiboraporphyrins from Bis(3-indenyl)methane. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10871-10875.	13.8	15
59	Synthesis of Indenoporphyrins, Highly Modified Porphyrins with Reduced Diatropic Characteristics. <i>Journal of Organic Chemistry</i> , 2011, 76, 5335-5345.	3.2	31
60	Unexpected Alkyl Group Migration in Palladium(II) Benzocarbaporphyrins. <i>Organic Letters</i> , 2011, 13, 4632-4635.	4.6	39
61	Naphthiporphyrins. <i>Journal of Organic Chemistry</i> , 2011, 76, 5636-5651.	3.2	83
62	Synthesis of a Series of Aromatic Benziporphyrins and Heteroanalogues via Tripyrrane-Like Intermediates Derived from Resorcinol and 2-Methylresorcinol. <i>Journal of Organic Chemistry</i> , 2011, 76, 6295-6308.	3.2	33
63	Origin of aromatic character in porphyrinoid systems. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 1093-1115.	0.8	85
64	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. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 1492-1504.	3.0	16
65	Neo-Confused Porphyrins, a New Class of Porphyrin Isomers. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 9718-9721.	13.8	72
66	<i>In Vitro</i> and <i>In Vivo</i> Studies of the Utility of Dimethyl and Diethyl Carbaporphyrin Ketals in Treatment of Cutaneous Leishmaniasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 4755-4764.	3.2	67
67	Porphyrins with exocyclic rings. Part 24. Synthesis and spectroscopic properties of pyrenoporphyrins, potential building blocks for porphyrin molecular wires. <i>Tetrahedron</i> , 2010, 66, 1787-1799.	1.9	28
68	Association of Acenaphthoporphyrins with Liposomes for the Photodynamic Treatment of Leishmaniasis. <i>Photochemistry and Photobiology</i> , 2010, 86, 645-652.	2.5	42
69	Synthesis and Characterization of Tetraphenyl-21,23-dideazaporphyrin: The Best Evidence Yet That Porphyrins Really Are the [18]Annulenes of Nature. <i>Journal of the American Chemical Society</i> , 2010, 132, 12786-12787.	13.7	54
70	Normal and Abnormal Heme Biosynthesis. 6. Synthesis and Metabolism of a Series of Monovinylporphyrinogens Related to Harderoporphyrogen. Further Insights into the Oxidative Decarboxylation of Porphyrinogen Substrates by Coproporphyrinogen Oxidase. <i>Journal of Organic Chemistry</i> , 2010, 75, 3183-3192.	3.2	13
71	Porphyrin on a Half-Shell! Synthesis and Characterization of Corannulenoporphyrins. <i>Journal of Organic Chemistry</i> , 2010, 75, 2518-2527.	3.2	36
72	Preparation of Furan and Thiophene-Derived Fulvene Dialdehydes: Synthesis and Structural Characterization of a 22-Oxa-21-carbaporphyrin and a Related Palladium(II) Organometallic Complex. <i>Journal of Organic Chemistry</i> , 2010, 75, 6563-6573.	3.2	29

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73	Improved syntheses of meso-tetraarylbenzoporphyrins and observations of substituent effects on the diatropic characteristics of these formally nonaromatic carbaporphyrinoids. <i>Tetrahedron</i> , 2009, 65, 9527-9535.	1.9	26
74	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. <i>Tetrahedron</i> , 2009, 65, 9935-9943.	1.9	9
75	Synthesis of a Tetraazulene Porphodimethene Analogue. <i>Journal of Organic Chemistry</i> , 2009, 74, 8830-8833.	3.2	28
76	<i>Di</i> -Diazuliporphyrins, a New Family of Dicarbaporphyrinoids with Unprecedented Mesoionic Characteristics. <i>Organic Letters</i> , 2009, 11, 101-104.	4.6	49
77	Carbaporphyrin ketals as potential agents for a new photodynamic therapy treatment of leishmaniasis. <i>Biorganic and Medicinal Chemistry</i> , 2008, 16, 7033-7038.	3.0	53
78	Adding to the confusion! Synthesis and metalation of pyrazole analogues of the porphyrins. <i>Chemical Communications</i> , 2008, , 6309.	4.1	42
79	Synthesis and Reactivity of N-Methyl and N-Phenyl meso-Unsubstituted N-Confused Porphyrins. <i>Journal of Organic Chemistry</i> , 2008, 73, 9417-9425.	3.2	38
80	Tetraaryldimethoxybenzoporphyrins. At the Edge of Carbaporphyrinoid Aromaticity. <i>Journal of Organic Chemistry</i> , 2007, 72, 6481-6492.	3.2	56
81	Syntheses and Reactivity of meso-Unsubstituted Azuliporphyrins Derived from 6-tert-Butyl- and 6-Phenylazulene. <i>Journal of Organic Chemistry</i> , 2007, 72, 8402-8415.	3.2	63
82	Aromatic and Nonaromatic Pyriporphyrins. <i>Organic Letters</i> , 2007, 9, 2863-2866.	4.6	70
83	Fulvene Dialdehyde Strategy for <i>Di</i> -Dicarbaporphyrinoid Synthesis: Preparation of a 22-Carbaazuliporphyrin. <i>Journal of the American Chemical Society</i> , 2007, 129, 13800-13801.	13.7	43
84	Recent Advances on the Synthesis and Chemistry of Carbaporphyrins and Related Porphyrinoid Systems. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 5461-5481.	2.4	132
85	Synthesis and Reactivity of 2,3- <i>tert</i> -Butyl- and 2,3-Phenyltetraarylazuliporphyrins: an Analysis of the Effect of Bulky Substituents on Oxidative Ring Contractions to Benzocarbaporphyrins. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 3981-3990.	2.4	28
86	Tetraphenylloxybenzoporphyrin, a New Organometallic Ligand for Silver(III) and Gold(III). <i>Organic Letters</i> , 2006, 8, 5263-5266.	4.6	39
87	[22]Porphyrin-(3.1.1.3), a New Vinylogous Expanded Porphyrin System. <i>Organic Letters</i> , 2006, 8, 5113-5116.	4.6	22
88	Synthesis of aromatic dicarbaporphyrinoids from resorcinol and 2-methylresorcinol. <i>Tetrahedron Letters</i> , 2006, 47, 8863-8866.	1.4	28
89	Porphyrins with exocyclic rings. Part 19: Efficient syntheses of phenanthrolinoporphyrins. <i>Tetrahedron</i> , 2005, 61, 11601-11614.	1.9	47
90	Porphyrins with exocyclic rings. Part 20: Synthesis and spectroscopic characterization of porphyrins with fused 2,1,3-benzoxadiazole and 2,1,3-benzoselenadiazole moieties. <i>Tetrahedron</i> , 2005, 61, 11615-11627.	1.9	28

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91	The enigma of coproporphyrinogen oxidase: How does this unusual enzyme carry out oxidative decarboxylations to afford vinyl groups?. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 4506-4509.	2.2	26
92	Normal and abnormal heme biosynthesis Part 4: Molecular dynamics simulations of coproporphyrinogen-III and related di- and tricarboxylic acids. <i>Journal of Porphyrins and Phthalocyanines</i> , 2005, 09, 170-185.	0.8	5
93	Synthesis of Isomeric Angularly Annealed Dinaphthoporphyrin Systems: An Examination of the Relative Positioning and Orientation of Ring Fusion as Factors Influencing the Porphyrin Chromophore. <i>Journal of Organic Chemistry</i> , 2005, 70, 874-891.	3.2	64
94	Oxybenzoporphyrins, Oxyypyriporphyrins, Benzocarbaoporphyrins, and Their 23-Oxa and 23-Thia Analogues: A Synthesis, Spectroscopic Characterization, Metalation, and Structural Characterization of a Palladium(II) Organometallic Derivative. <i>Journal of Organic Chemistry</i> , 2004, 69, 6079-6093.	3.2	62
95	Oxidative Metalation of Azuliporphyrins with Copper(II) Salts: Formation of a Porphyrin Analogue System with a Unique Fully Conjugated Nonaromatic Azulene Subunit. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 1346-1349.	13.8	56
96	Benzo[1,2 <i>c</i> :3,4 <i>c'</i>]bis[1,2,5]selenadiazole, [1,2,5]selenadiazolo[3,4 <i>e</i>]benzothiadiazole, furazanobenzo[2,1,3 <i>e</i>]thiadiazole, furazanobenzo[2,1,3 <i>e</i>]selenadiazole and related heterocyclic systems. <i>Journal of Heterocyclic Chemistry</i> , 2004, 41, 955-962.	2.6	24
97	Synthesis, Spectroscopy, and Reactivity of meso-Unsubstituted Azuliporphyrins and Their Heteroanalogues. Oxidative Ring Contractions to Carba-, Oxacarba-, Thiacarba-, and Selenacarbaoporphyrins. <i>Journal of Organic Chemistry</i> , 2004, 69, 8851-8864.	3.2	71
98	Carbaporphyrinoid Chemistry Has a Silver Lining! Silver(III) Oxybenzi-, Oxynaphthi-, Tropi-, and Benzocarbaoporphyrins. <i>Organic Letters</i> , 2004, 6, 549-552.	4.6	84
99	Synthesis of Sapphyrins, Heterosapphyrins, and Carbasapphyrins by a $\text{C}_4 + 1$ Approach. <i>Journal of Organic Chemistry</i> , 2004, 69, 8842-8850.	3.2	74
100	New Riches in Carbaporphyrin Chemistry: Silver and Gold Organometallic Complexes of Benzocarbaoporphyrins. <i>Inorganic Chemistry</i> , 2004, 43, 5258-5267.	4.0	78
101	Tropiporphyrins, Cycloheptatrienyl Analogues of the Porphyrins: A Synthesis, Spectroscopy, Chemistry, and Structural Characterization of a Silver(III) Derivative. <i>Journal of Organic Chemistry</i> , 2004, 69, 7888-7897.	3.2	64
102	Organometallic Chemistry of Azuliporphyrins: A Synthesis, Spectroscopy, Electrochemistry, and Structural Characterization of Nickel(II), Palladium(II), and Platinum(II) Complexes of Azuliporphyrins. <i>Inorganic Chemistry</i> , 2003, 42, 7326-7338.	4.0	87
103	Conjugated Macrocycles Related to the Porphyrins. 25. Proton NMR Spectroscopic Evidence for a Preferred [18]Annulene Substructure in Carbaporphyrins from the Magnitude of Selected $^4J_{\text{H,H}}$ Coupling Constants. <i>Journal of Organic Chemistry</i> , 2003, 68, 1755-1761.	3.2	48
104	Regioselective Oxidations of Benzocarbaoporphyrins with Ferric Chloride: A Facile Synthesis of Bridged [18]Annulene Ketals with Strong Absorptions in the Far Red and an Unexpected Halogenation Reaction at the Interior Carbon Atom. <i>Journal of Organic Chemistry</i> , 2003, 68, 8558-8570.	3.2	51
105	tert-Butyl-Substituted Tripyrranes: Insights into the Steric and Conformational Factors that Influence Porphyrinoid Ring Formation in the $\text{C}_3 + 1$ Methodology. <i>Journal of Organic Chemistry</i> , 2003, 68, 3896-3901.	3.2	24
106	Calix[4]azulene. <i>Journal of Organic Chemistry</i> , 2002, 67, 1031-1033.	3.2	57
107	Silver(III) Carbaporphyrins: The First Organometallic Complexes of True Carbaporphyrins. <i>Inorganic Chemistry</i> , 2002, 41, 4840-4842.	4.0	100
108	Conjugated Macrocycles Related to the Porphyrins. 21. Synthesis, Spectroscopy, Electrochemistry, and Structural Characterization of Carbaporphyrins. <i>Journal of Organic Chemistry</i> , 2002, 67, 4860-4874.	3.2	106

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109	Organometallic chemistry of carbaporphyrinoids: synthesis and characterization of nickel(ii) and palladium(ii) azuliporphyrins Part 20 of the series "Conjugated Macrocycles Related to the Porphyrins"™. Part 19: S. R. Graham, D. A. Colby and T. D. Lash, <i>Angew. Chem.</i> , 2002, in press.. <i>Chemical Communications</i> , 2002, , 894-895.	4.1	69
110	Synthesis, spectroscopy and metallation of mixed carbaporphyrinoid systems. <i>Chemical Communications</i> , 2002, , 2426-2427.	4.1	41
111	Adaptation of the Rothemund Reaction for Carbaporphyrin Synthesis: Preparation of meso-Tetraphenylazuliporphyrin and Related Benzocarbaporphyrins. <i>Chemistry - A European Journal</i> , 2002, 8, 5397-5402.	3.3	97
112	An Azulene Analogue of the Tripyrranes and Carbaporphyrinoids Therefrom. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 1371-1374.	13.8	86
113	Metabolism of Analogues of Coproporphyrinogen-III with Modified Side Chains: Implications for Binding at the Active Site of Coproporphyrinogen Oxidase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 451-456.	2.2	5
114	Unprecedented overmetabolism of a porphyrinogen substrate by coproporphyrinogen oxidase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2002, 12, 1079-1082.	2.2	7
115	Palladium(II) Complexes of Oxybenzporphyrin. <i>Inorganic Chemistry</i> , 2001, 40, 6892-6900.	4.0	92
116	Porphyrins with Exocyclic Rings. 16.1 Synthesis and Spectroscopic Characterization of Fluoranthoporphyrins, a New Class of Highly Conjugated Porphyrin Chromophores. <i>Journal of Organic Chemistry</i> , 2001, 66, 3152-3159.	3.2	54
117	Normal and Abnormal Heme Biosynthesis. 3.1 Synthesis and Metabolism of Tripropionate Analogues of Coproporphyrinogen-III: A Novel Probes for the Active Site of Coproporphyrinogen Oxidase. <i>Journal of Organic Chemistry</i> , 2001, 66, 3753-3759.	3.2	18
118	Modification of the porphyrin chromophore by ring fusion: identifying trends due to annelation of the porphyrin nucleus. <i>Journal of Porphyrins and Phthalocyanines</i> , 2001, 05, 267-288.	0.8	110
119	Conjugated macrocycles related to the porphyrins. Part 18: Synthesis and spectroscopic characterization of electron-rich benzi- and oxybenzporphyrins: influence of steric and electronic factors on porphyrinoid aromaticity. <i>Tetrahedron</i> , 2001, 57, 3657-3671.	1.9	72
120	Synthesis of Novel Pyrrolic Compounds from Nitroarenes and Isocynoacetates Using a Phosphazene Superbase. <i>Synlett</i> , 2000, 2000, 213-216.	1.8	45
121	Synthesis of the chlorin macrocycle by the "3 + 1"™ approach. <i>Chemical Communications</i> , 2000, , 299-300.	4.1	16
122	Porphyrins with Exocyclic Rings. 15.1 Synthesis of Quino- and Isoquinoporphyrins, Aza Analogues of the Naphthoporphyrins. <i>Journal of Organic Chemistry</i> , 2000, 65, 8020-8026.	3.2	56
123	Porphyrins with Exocyclic Rings. 14.1 Synthesis of Tetraacenaphthoporphyrins, a New Family of Highly Conjugated Porphyrins with Record-Breaking Long-Wavelength Electronic Absorptions. <i>Journal of Organic Chemistry</i> , 2000, 65, 1530-1539.	3.2	107
124	Conjugated Macrocycles Related to the Porphyrins. Part 16.1 Synthesis of Hexa- and Heptaalkyl-Substituted Inverted or N-Confused Porphyrins by the "3 + 1"™ Methodology. <i>Journal of Organic Chemistry</i> , 1999, 64, 7973-7982.	3.2	109
125	Towards hydrocarbon analogues of the porphyrins: synthesis and spectroscopic characterization of the first dicarbaporphyrin. <i>Chemical Communications</i> , 1999, , 819-820.	4.1	72
126	Normal and Abnormal Heme Biosynthesis. 2.1 Synthesis and Metabolism of Type-III Pentacarboxylic Porphyrinogens: Further Experimental Evidence for the Enzymic Clockwise Decarboxylation of Uroporphyrinogen-III. <i>Journal of Organic Chemistry</i> , 1999, 64, 478-487.	3.2	18

#	ARTICLE	IF	CITATIONS
127	Normal and Abnormal Heme Biosynthesis. 1. Synthesis and Metabolism of Di- and Monocarboxylic Porphyrinogens Related to Coproporphyrinogen-III and Harderporphyrinogen: A Model for the Active Site of Coproporphyrinogen Oxidase. <i>Journal of Organic Chemistry</i> , 1999, 64, 464-477.	3.2	28
128	Carbachlorins. <i>Chemistry - A European Journal</i> , 1998, 4, 508-511.	3.3	57
129	Porphyryns with exocyclic rings. Part 10. Synthesis of meso, β^2 -propanoporphyrins from 4,5,6,7-tetrahydro-1H-indoles. <i>Tetrahedron</i> , 1998, 54, 359-374.	1.9	30
130	The azuliporphyrin-carbaporphyrin connection. <i>Chemical Communications</i> , 1998, , 1683-1684.	4.1	56
131	Porphyryns with Exocyclic Rings. 13.1 Synthesis and Spectroscopic Characterization of Highly Modified Porphyrin Chromophores with Fused Acenaphthylene and Benzothiadiazole Rings. <i>Journal of Organic Chemistry</i> , 1998, 63, 8455-8469.	3.2	90
132	Conjugated Macrocycles Related to the Porphyrins. 12.1 Oxybenzi- and Oxypyriporphyrins: Aromaticity and Conjugation in Highly Modified Porphyrinoid Structures. <i>Journal of Organic Chemistry</i> , 1998, 63, 9076-9088.	3.2	158
133	Porphyryns with Exocyclic Rings. 11.1 Synthesis and Characterization of Phenanthroporphyrins, a New Class of Modified Porphyrin Chromophores. <i>Journal of Organic Chemistry</i> , 1998, 63, 3998-4010.	3.2	72
134	Facile oxidation of a carbaporphyrin at the internal carbon atom: synthesis of novel benzo[18]annulene ketals. <i>Chemical Communications</i> , 1998, , 2409-2410.	4.1	48
135	Carbachlorins. <i>Chemistry - A European Journal</i> , 1998, 4, 508-511.	3.3	1
136	Synthesis of novel porphyrin chromophores from nitroarenes: Further applications of the Barton-Zard pyrrole condensation. <i>Tetrahedron Letters</i> , 1997, 38, 2031-2034.	1.4	50
137	Azuliporphyrin: A Case of Borderline Porphyrinoid Aromaticity. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 839-840.	4.4	135
138	Carbaporphyrins. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 840-842.	4.4	130
139	Carbaporphyrine. <i>Angewandte Chemie</i> , 1997, 109, 868-870.	2.0	26
140	Porphyryns with exocyclic rings. Part 8. Synthesis of nitrogen 15 and carbon 13 labeled 2,3:7,8:12,13:17,18-tetrabutano porphyrin. <i>Journal of Heterocyclic Chemistry</i> , 1997, 34, 273-278.	2.6	15
141	Porphyryns with Exocyclic Rings: Part 9 [1] Synthesis of Porphyrins by the $\text{C}^3 + 1\text{e}^-$ approach. <i>Journal of Porphyrins and Phthalocyanines</i> , 1997, 01, 29-44.	0.8	62
142	Porphyryns with exocyclic rings. Part 9 [1] Synthesis of porphyrins by the $\text{C}^3 + 1\text{e}^-$ approach. <i>Journal of Porphyrins and Phthalocyanines</i> , 1997, 1, 29-44.	0.8	17
143	Synthesis of Tetraphenyltetraacenaphthoporphyrin: A New Highly Conjugated Porphyrin System with Remarkably Red-Shifted Electronic Absorption Spectra. <i>Journal of the American Chemical Society</i> , 1996, 118, 8767-8768.	13.7	81
144	Oxypyriporphyrin, the First Fully Aromatic Porphyrinoid Macrocycle with a Pyridine Subunit. <i>Chemistry - A European Journal</i> , 1996, 2, 944-948.	3.3	107

#	ARTICLE	IF	CITATIONS
145	Porphyrin Synthesis by the $\epsilon^3 + 1\epsilon$ -Approach: New Applications for an Old Methodology. Chemistry - A European Journal, 1996, 2, 1197-1200.	3.3	154
146	Versatile $\epsilon^3 + 1\epsilon$ -syntheses of acenaphthoporphyrins, a new family of highly conjugated tetrapyrroles. Tetrahedron Letters, 1996, 37, 4873-4876.	1.4	53
147	Conjugated macrocycles related to the porphyrins. Part 7.1 Tropiporphyrin: Tropylium versus porphyrinoid aromaticity. Tetrahedron Letters, 1996, 37, 8825-8828.	1.4	79
148	Tetraphenanthro[9,10 <i>b</i> :9,10 <i>g</i> :9,10 <i>l</i> :9,10 <i>q</i>]porphyrin, ein neues hochkonjugiertes Porphyrinderivat. Angewandte Chemie, 1995, 107, 723-725.	2.0	8
149	Oxybenziporphyrin, ein vollständig aromatisches Semichinonporphyrin-Analogon mit Delokalisierungsmöglichkeiten für 18 π -Elektronen. Angewandte Chemie, 1995, 107, 2703-2705.	2.0	33
150	Tetraphenanthro[9,10 <i>b</i> :9,10 <i>g</i> :9,10 <i>l</i> :9,10 <i>q</i>]-porphyrin, a New Highly Conjugated Porphyrin System. Angewandte Chemie International Edition in English, 1995, 34, 683-685.	4.4	67
151	Oxybenziporphyrin, a Fully Aromatic Semiquinone Porphyrin Analog with Pathways for 18 π -Electron Delocalization. Angewandte Chemie International Edition in English, 1995, 34, 2533-2535.	4.4	165
152	Porphyrins with exocyclic rings. Part 5. Synthesis of a naphtho[1,2- <i>b</i>]porphyrin.. Tetrahedron, 1995, 51, 59-66.	1.9	48
153	New highly conjugated porphyrin chromophores: Synthesis of mono- and diphenanthroporphyrins. Tetrahedron Letters, 1995, 36, 4381-4384.	1.4	50
154	Porphyrin synthesis by the $\epsilon^3 + 1\epsilon$ -methodology: A superior approach for the preparation of porphyrins with fused 9,10-phenanthroline subunits. Tetrahedron Letters, 1995, 36, 9441-9444.	1.4	73
155	Proline betaine is a highly effective osmoprotectant for Staphylococcus aureus. Archives of Microbiology, 1995, 163, 138-142.	2.2	45
156	Proline betaine is a highly effective osmoprotectant for Staphylococcus aureus. Archives of Microbiology, 1995, 163, 138-142.	2.2	5
157	Synthesis of Pyrroles from Benzyl Isocyanoacetate. Synthesis, 1994, 1994, 170-172.	2.3	74
158	Synthesis of phenanthropyrroles and phenanthrolinepyrroles from isocyanoacetates: An extension of the barton-zard pyrrole condensation. Tetrahedron Letters, 1994, 35, 2493-2494.	1.4	60
159	Synthesis of benzyl and <i>tert</i> -butyl 3-(2-methoxycarbonyl)ethyl-4-methylpyrrole-2-carboxylates from methyl 4-oxobutanoate. Journal of Heterocyclic Chemistry, 1994, 31, 255-257.	2.6	29
160	Porphyrins with exocyclic rings. Part 4. An improved one step synthesis of cyclopenta[<i>b</i>]pyrroles. Journal of Heterocyclic Chemistry, 1993, 30, 477-482.	2.6	27
161	One step synthesis of dihydropyrrolo[3,2- <i>e</i>]indoles from 1,4-cyclohexanedione. Journal of Heterocyclic Chemistry, 1993, 30, 525-528.	2.6	7
162	Geochemical origins of sedimentary benzoporphyrins and tetrahydrobenzoporphyrins. Energy & Fuels, 1993, 7, 166-171.	5.1	58

#	ARTICLE	IF	CITATIONS
163	Conjugated macrocycles related to the porphyrins. Part 3. Acid catalyzed condensations of thiophenecarboxaldehydes with a dipyrlylmethane. Journal of Heterocyclic Chemistry, 1992, 29, 523-527.	2.6	14
164	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
165	An improved synthesis of pyrroles from <i>N</i> -p-toluenesulfonylglycine esters and α,β -unsaturated aldehydes and ketones. Journal of Heterocyclic Chemistry, 1991, 28, 1671-1676.	2.6	31
166	Oxyquinoliziniporphyrins: Introduction of a Heterocyclic Dimension to Carbaporphyrinoid Systems. Organic Letters, 0, , .	4.6	3