

Kevin M Smith

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5619526/publications.pdf>

Version: 2024-02-01

710
papers

28,051
citations

9264

74
h-index

14759

127
g-index

907
all docs

907
docs citations

907
times ranked

10907
citing authors

#	ARTICLE	IF	CITATIONS
19	CHLORIN AND PORPHYRIN DERIVATIVES AS POTENTIAL PHOTOSENSITIZERS IN PHOTODYNAMIC THERAPY. Photochemistry and Photobiology, 1991, 53, 65-72.	2.5	175
20	Proton nuclear magnetic resonance characterization of heme disorder in hemoproteins.. Proceedings of the National Academy of Sciences of the United States of America, 1978, 75, 5755-5759.	7.1	172
21	Alkyl Ether Analogs of Chlorophyllâ€‹i>a</i> Derivatives: Part 1. Synthesis, Photophysical Properties and Photodynamic Efficacy. Photochemistry and Photobiology, 1996, 64, 194-204.	2.5	170
22	Heme orientational disorder in reconstituted and native sperm whale myoglobin. Journal of Molecular Biology, 1983, 168, 887-896.	4.2	164
23	Consequences of Oxidation in Nonplanar Porphyrins: Molecular Structure and Diamagnetism of the .pi. Cation Radical of Copper(II) Octaethyltetraphenylporphyrin. Journal of the American Chemical Society, 1994, 116, 8582-8592.	13.7	154
24	Oligomeric porphyrin arrays. Chemical Communications, 1999, , 1771-1782.	4.1	151
25	Concerning meso-tetraphenylporphyrin purification. Journal of the Chemical Society Perkin Transactions 1, 1975, , 1401.	0.9	149
26	SKIN PHOTOSENSITIVITY AND PHOTODESTRUCTION OF SEVERAL POTENTIAL PHOTODYNAMIC SENSITIZERS. Photochemistry and Photobiology, 1989, 49, 431-438.	2.5	145
27	Synthesis and Cellular Studies of Nonaggregated Water-Soluble Phthalocyanines. Journal of Medicinal Chemistry, 2005, 48, 1033-1041.	6.4	144
28	Variations and Temperature Dependence of the Excited State Properties of Conformationally and Electronically Perturbed Zinc and Free Base Porphyrins. Journal of Physical Chemistry B, 1997, 101, 1247-1254.	2.6	141
29	The Depth of Porphyrin in a Membrane and the Membraneâ€™s Physical Properties Affect the Photosensitizing Efficiency. Biophysical Journal, 2002, 82, 2101-2110.	0.5	141
30	Vinyl influences on protoheme resonance Raman spectra: nickel(II) protoporphyrin IX with deuterated vinyl groups. Journal of the American Chemical Society, 1982, 104, 4337-4344.	13.7	138
31	Picosecond to Microsecond Photodynamics of a Nonplanar Nickel Porphyrin:Â Solvent Dielectric and Temperature Effects. Journal of the American Chemical Society, 1998, 120, 3781-3791.	13.7	135
32	Rational tetraarylporphyrin syntheses: tetraarylporphyrins from the MacDonald route. Journal of Organic Chemistry, 1993, 58, 7245-7257.	3.2	131
33	Conformational Flexibility in Dodecasubstituted Porphyrins. Journal of the American Chemical Society, 1996, 118, 10918-10919.	13.7	131
34	Novel routes to substituted 5,10,15-triarylcorroles. Journal of Porphyrins and Phthalocyanines, 2003, 07, 25-36.	0.8	127
35	In Vitro Characterization of Monoaspartyl Chlorin e6 and Diaspartyl Chlorin e6 for Photodynamic Therapy. Journal of the National Cancer Institute, 1988, 80, 330-336.	6.3	125
36	Red shift of absorption maxima in Chlorobiineae through enzymic methylation of their antenna bacteriochlorophylls. Biochemistry, 1990, 29, 4340-4348.	2.5	119

#	ARTICLE	IF	CITATIONS
37	NMR studies of low-spin ferric complexes of natural porphyrin derivatives. 1. Effect of peripheral substituents on the π -electronic asymmetry in biscyano complexes. <i>Journal of the American Chemical Society</i> , 1978, 100, 8085-8092.	13.7	113
38	Tetracycloalkenyl-meso-tetraphenylporphyrins as models for the effect of non-planarity on the light absorption properties of photosynthetic chromophores. <i>Tetrahedron Letters</i> , 1990, 31, 3719-3722.	1.4	113
39	Vilsmeier reactions of porphyrins and chlorins with 3-(dimethylamino)acrolein to give meso-(2-formylvinyl)porphyrins: new syntheses of benzochlorins, benzoisobacteriochlorins, and benzobacteriochlorins and reductive coupling of porphyrins and chlorins using low-valent titanium complexes. <i>Journal of Organic Chemistry</i> , 1991, 56, 4407-4418.	3.2	109
40	The n.m.r. spectra of porphyrins. 13 α ring current model for the porphyrin and chlorin (7,8-dihydroporphyrin) rings. <i>Magnetic Resonance in Chemistry</i> , 1977, 9, 367-373.	0.7	105
41	An evolutionary strategy for isobutanol production strain development in <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2011, 13, 674-681.	7.0	105
42	Proton NMR characterization of the ferryl group in model heme complexes and hemoproteins: evidence for the FeIVO group in ferryl myoglobin and compound II of horseradish peroxidase. <i>Journal of the American Chemical Society</i> , 1983, 105, 782-787.	13.7	104
43	5,10,15,20-Tetra-tert-butylporphyrin and Its Remarkable Reactivity in the 5- and 15-Positions. <i>Angewandte Chemie International Edition in English</i> , 1994, 33, 1879-1881.	4.4	104
44	Isolation, purification, and partial characterization of prunellin, an anti-HIV component from aqueous extracts of <i>Prunella vulgaris</i> . <i>Antiviral Research</i> , 1989, 11, 263-273.	4.1	103
45	Stepwise Syntheses of Bisporphyrins, Bischlorins, and Biscorroles, and of Porphyrin α -Chlorin and Porphyrin α -Corrole Heterodimers. <i>Journal of the American Chemical Society</i> , 1996, 118, 3869-3882.	13.7	102
46	Do Liposome-binding Constants of Porphyrins Correlate with Their Measured and Predicted Partitioning Between Octanol and Water? <i>Photochemistry and Photobiology</i> , 2002, 76, 127.	2.5	102
47	Syntheses and Functionalizations of Porphyrin Macrocycles. <i>Current Organic Synthesis</i> , 2014, 11, 3-28.	1.3	101
48	Energetics and Structural Consequences of Axial Ligand Coordination in Nonplanar Nickel Porphyrins. <i>Journal of the American Chemical Society</i> , 2005, 127, 1179-1192.	13.7	100
49	Comparative Analysis of the Conformations of Symmetrically and Asymmetrically Deca- and Undecasubstituted Porphyrins Bearing Meso-Alkyl or -Aryl Groups. <i>Inorganic Chemistry</i> , 1997, 36, 1149-1163.	4.0	99
50	Dynamic Photophysical Properties of Conformationally Distorted Nickel Porphyrins. 1. Nickel(II) Dodecaphenylporphyrin. <i>The Journal of Physical Chemistry</i> , 1996, 100, 11984-11993.	2.9	98
51	Influence of Electronic and Structural Effects on the Oxidative Behavior of Nickel Porphyrins. <i>Inorganic Chemistry</i> , 2002, 41, 6673-6687.	4.0	98
52	Nuclear magnetic resonance of high-spin ferric hemoproteins. Assignment of proton resonances in met-aquo myoglobins using deuterium-labeled hemes. <i>Journal of the American Chemical Society</i> , 1980, 102, 1822-1827.	13.7	97
53	Proton NMR study of high-spin ferric natural porphyrin derivatives as models of methemoproteins. <i>Journal of the American Chemical Society</i> , 1979, 101, 6091-6096.	13.7	96
54	Unusual picosecond (ns^{-1}) deactivation of ruffled nonplanar porphyrins. <i>Chemical Physics Letters</i> , 1995, 245, 441-447.	2.6	96

#	ARTICLE	IF	CITATIONS
55	Synthesis, Photophysical Properties, in Vivo Photosensitizing Efficacy, and Human Serum Albumin Binding Properties of Some Novel Bacteriochlorins. <i>Journal of Medicinal Chemistry</i> , 1997, 40, 2770-2779.	6.4	96
56	Porphyrin Depth in Lipid Bilayers as Determined by Iodide and Parallax Fluorescence Quenching Methods and Its Effect on Photosensitizing Efficiency. <i>Biophysical Journal</i> , 2004, 87, 1155-1164.	0.5	91
57	Multicarbocycle Formation Mediated by Arenoporphyrin 1,4-Diradicals: Synthesis of Picenoporphyrins. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 3439-3441.	13.8	89
58	Unusual Aryl ^π -Porphyrin Rotational Barriers in Peripherally Crowded Porphyrins. <i>Inorganic Chemistry</i> , 2003, 42, 2227-2241.	4.0	89
59	Representation of Nonplanar Structures of Nickel(II) 5,15-Disubstituted Porphyrins in Terms of Displacements along the Lowest-Frequency Normal Coordinates of the Macrocycle. <i>Journal of the American Chemical Society</i> , 1996, 118, 12975-12988.	13.7	87
60	Functionalization of Corroles: The Nitration Reaction. <i>Inorganic Chemistry</i> , 2007, 46, 10791-10799.	4.0	87
61	Novel meso-substitution reactions of metalloporphyrins. <i>Journal of the American Chemical Society</i> , 1979, 101, 5953-5961.	13.7	86
62	Models of factor 430. Structural and spectroscopic studies of nickel(II) and nickel(I) hydroporphyrins. <i>Journal of the American Chemical Society</i> , 1991, 113, 6891-6898.	13.7	84
63	Porphyrin dimers as photosensitizers in photodynamic therapy. <i>Journal of Medicinal Chemistry</i> , 1990, 33, 2032-2038.	6.4	83
64	Pyrroles and related compounds. Part XXIV. Separation and oxidative degradation of chlorophyll derivatives. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1973, 21, 2517.	0.9	82
65	Assignments of the paramagnetically shifted heme methyl nuclear magnetic resonance peaks of cyanometmyoglobin by selective deuteration. <i>Journal of Molecular Biology</i> , 1974, 86, 749-756.	4.2	82
66	Structural consequences of nickel versus macrocycle reductions in F430 models: EXAFS studies of a Ni(I) anion and Ni(II) .pi. anion radicals. <i>Journal of the American Chemical Society</i> , 1990, 112, 1634-1635.	13.7	82
67	Sterically Strained Porphyrins—Influence of Core Protonation and Peripheral Substitution on the Conformation of Tetra-meso-, Octa- ¹² -, and Dodeca-Substituted Porphyrin Dications. <i>Angewandte Chemie International Edition in English</i> , 1995, 33, 2485-2487.	4.4	82
68	Photophysical Behaviour of Corrole and its Symmetrical and Unsymmetrical Dyads. , 1999, 03, 364-370.		82
69	Effect of overall charge and charge distribution on cellular uptake, distribution and phototoxicity of cationic porphyrins in HEP2 cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2010, 100, 100-111.	3.8	81
70	Proton NMR characterization of metastable and equilibrium heme orientational heterogeneity in reconstituted and native human hemoglobin. <i>Biochemistry</i> , 1985, 24, 3826-3831.	2.5	79
71	Synthesis, Reactivity and Structural Chemistry of 5,10,15,20-Tetraalkylporphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 1999, 03, 99-116.	0.8	79
72	Lysosomes, a key target of hydrophobic photosensitizers proposed for photochemotherapeutic applications. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1993, 20, 23-35.	3.8	78

#	ARTICLE	IF	CITATIONS
73	De Novo Design of a D ₂ -Symmetrical Protein that Reproduces the Diheme Four-Helix Bundle in Cytochrome bc ₁ . <i>Journal of the American Chemical Society</i> , 2004, 126, 8141-8147.	13.7	78
74	Partial syntheses of optically pure methyl bacteriopheophorbides c and d from methyl pheophorbide a. <i>Journal of Organic Chemistry</i> , 1980, 45, 2218-2224.	3.2	76
75	Incorporation of atmospheric oxygen into the carbonyl functionality of the protochlorophyllide isocyclic ring. <i>Biochemical Journal</i> , 1989, 257, 599-602.	3.7	75
76	Proton NMR hyperfine shift pattern as a probe for ligation state in high-spin ferric hemoproteins: water binding in metmyoglobin mutants. <i>Journal of the American Chemical Society</i> , 1991, 113, 7886-7892.	13.7	75
77	Synthesis and characterization of β^2 -fused porphyrin-BODIPY [®] dyads. <i>Tetrahedron</i> , 2004, 60, 1099-1106.	1.9	75
78	Synthesis and Functionalization of Germanium Triphenylcorrolate: The First Example of a Partially Brominated Corrole. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 2345-2352.	2.0	75
79	Models for the Photosynthetic Reaction Center [®] Synthesis and Structure of Porphyrin Dimers with cis- and trans-Ethene and Skewed Hydroxymethylene Bridges. <i>Angewandte Chemie International Edition in English</i> , 1993, 32, 750-753.	4.4	74
80	N-H tautomerism in porphyrins: an NMR study. <i>Tetrahedron Letters</i> , 1974, 15, 1483-1486.	1.4	73
81	Triplet Dynamics of Conformationally Distorted Porphyrins: Time-Resolved Electron Paramagnetic Resonance. <i>The Journal of Physical Chemistry</i> , 1994, 98, 2520-2526.	2.9	72
82	Molecular Structures and Magnetic Resonance Spectroscopic Investigations of Highly Distorted Six-Coordinate Low-Spin Iron(III) Porphyrinate Complexes. <i>Journal of the American Chemical Society</i> , 2001, 123, 6564-6578.	13.7	72
83	-Tetraphenylporphyrin purification. <i>Tetrahedron Letters</i> , 1973, 14, 2887-2888.	1.4	71
84	First reversible electrogeneration of triply oxidized nickel porphyrins and porphycenes. Formation of nickel(III) .pi. dications. <i>Inorganic Chemistry</i> , 1993, 32, 4177-4178.	4.0	71
85	The nuclear magnetic resonance spectra of porphyrins. Part X. Carbon-13 nuclear magnetic resonance spectra of some meso-tetraarylporphyrins and their metal chelates. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1975, , 204.	0.9	70
86	Proton magnetic resonance determination of the relative heme orientations in disordered native and reconstituted ferricytochrome b ₅ . Assignment of heme resonances by deuterium labeling. <i>Journal of Biological Chemistry</i> , 1981, 256, 6075-9.	3.4	70
87	The synthesis and solution conformation of dodecaphenylporphyrin. <i>Tetrahedron Letters</i> , 1990, 31, 5583-5586.	1.4	69
88	A planar dodecasubstituted porphyrin. <i>Inorganic Chemistry</i> , 1993, 32, 1716-1723.	4.0	69
89	Models for the Photosynthetic Reaction Center: Preparation, Spectroscopy, and Crystal and Molecular Structures of Cofacial Bisporphyrins Linked by cis-1,2- and trans-1,2-Ethene Bridges and of 1,1-Carbinol-Bridged Bisporphyrins. <i>Inorganic Chemistry</i> , 1994, 33, 5625-5638.	4.0	69
90	Pinacol [®] ~Pinacolone Rearrangements in vic-Dihydroxychlorins and Bacteriochlorins: Effect of Substituents at the Peripheral Positions. <i>Journal of Organic Chemistry</i> , 1997, 62, 1463-1472.	3.2	68

#	ARTICLE	IF	CITATIONS
91	Regioselective syntheses and structural characterizations of 2,3-dibromo-and 2,3,7,8,12,13-hexabromo-5,10,15,20-tetraphenylporphyrins. <i>Tetrahedron</i> , 1999, 55, 13151-13158.	1.9	68
92	¹ H-NMR assignments and the dynamics of interconversion of the isomeric forms of cytochrome b5 in solution. <i>BBA - Proteins and Proteomics</i> , 1986, 874, 274-284.	2.1	67
93	Molecular analysis of the gene encoding $\hat{1}$ -lytic protease: evidence for a preproenzyme. <i>Gene</i> , 1988, 69, 237-244.	2.2	67
94	Determinants of the Vinyl Stretching Frequency in Protoporphyrins. Implications for Cofactor-Protein Interactions in Heme Proteins. <i>Journal of the American Chemical Society</i> , 1995, 117, 10959-10968.	13.7	67
95	Manipulation of vinyl groups in protoporphyrin IX: introduction of deuterium and carbon-13 labels for spectroscopic studies. <i>Journal of the American Chemical Society</i> , 1983, 105, 6638-6646.	13.7	66
96	Rational approach to the synthesis of meso- $\hat{2}$ linked bis-porphyrins. <i>Chemical Communications</i> , 1997, , 1057-1058.	4.1	66
97	Nomenclature of the bacteriochlorophylls, c, d, and e. <i>Photosynthesis Research</i> , 1994, 41, 23-26.	2.9	65
98	Structural Heterogeneity and Coordination Chemistry of Nickel(II) Octaethyl-meso-nitroporphyrins. <i>Journal of the American Chemical Society</i> , 1994, 116, 3261-3270.	13.7	65
99	Simple Methodology for Syntheses of Porphyrins Possessing Multiple Peripheral Substituents with an Element of Symmetry. <i>Journal of Organic Chemistry</i> , 1996, 61, 998-1003.	3.2	65
100	Cruciform porphyrin pentamers. <i>Chemical Communications</i> , 1998, , 2355-2356.	4.1	65
101	Proton nuclear magnetic resonance characterization of heme disorder in monomeric insect hemoglobins. <i>Journal of Biological Chemistry</i> , 1980, 255, 66-70.	3.4	65
102	Linear fused oligoporphyrins: potential molecular wires with enhanced electronic communication between bridged metal ions. <i>Chemical Communications</i> , 1998, , 1261-1262.	4.1	64
103	Pyrroles and related compounds. Part XXXII. Biosynthesis of protoporphyrin-IX from coproporphyrinogen-III. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1974, 10, 1188.	0.9	63
104	Proton NMR Investigation of Substrate-Bound Heme Oxygenase: Evidence for Electronic and Steric Contributions to Stereoselective Heme Cleavage. <i>Biochemistry</i> , 1994, 33, 6631-6641.	2.5	63
105	Effect of Meso-Substituents on the Osmium Tetraoxide Reaction and Pinacol-Pinacolone Rearrangement of the Corresponding vic-Dihydroxyporphyrins. <i>Journal of Organic Chemistry</i> , 2001, 66, 3930-3939.	3.2	63
106	NMR spectra of porphyrins. 21. Applications of the ring-current model to porphyrin and chlorophyll aggregation. <i>Journal of the American Chemical Society</i> , 1983, 105, 5734-5741.	13.7	62
107	Biosynthetic studies of substituent homologation in bacteriochlorophylls c and d. <i>Biochemistry</i> , 1990, 29, 4348-4355.	2.5	62
108	Resonance Raman spectroscopy of non-planar nickel porphyrins. <i>Journal of Raman Spectroscopy</i> , 1992, 23, 523-529.	2.5	62

#	ARTICLE	IF	CITATIONS
109	Mono(α -aspartylchlorin ₆). Photochemistry and Photobiology, 2007, 83, 1006-1015.	2.5	62
110	Pyrroles and related compounds. Part XXXIII. Total synthesis of deuteriated derivatives of protoporphyrin-IX for nuclear magnetic resonance studies of haemoproteins. Journal of the Chemical Society Perkin Transactions 1, 1974, , 1771.	0.9	61
111	Heme-protein interactions in cytochrome c peroxidase revealed by site-directed mutagenesis and resonance Raman spectra of isotopically labeled hemes. Biospectroscopy, 1996, 2, 365-376.	0.6	61
112	\hat{I}^2 -Fused Oligoporphyrins: A Novel Approach to a New Type of Extended Aromatic System. Journal of the American Chemical Society, 2000, 122, 11295-11302.	13.7	61
113	Photoinduced Axial Ligation and Deligation Dynamics of Nonplanar Nickel Dodecaarylporphyrins. Journal of the American Chemical Society, 2003, 125, 9787-9800.	13.7	60
114	Synthesis and Electrochemical Studies of a Series of Fluorinated Dodecaphenylporphyrins. Inorganic Chemistry, 1999, 38, 2188-2198.	4.0	59
115	Multiconformational Surfaces in Porphyrins: A Preview into Excited-State Landscapes. Journal of Physical Chemistry B, 1998, 102, 322-326.	2.6	58
116	Investigations on the directive effects of a single meso-substituent via nitration of 5,12,13,17,18-pentasubstituted porphyrins: syntheses of conjugated \hat{I}^2 -nitroporphyrins. Tetrahedron, 2001, 57, 4261-4269.	1.9	58
117	Syntheses and Cellular Investigations of 17 ³ -, 15 ² -, and 13 ¹ -Amino Acid Derivatives of Chlorin e ₆ . Journal of Medicinal Chemistry, 2011, 54, 7464-7476.	6.4	58
118	Dihydroporphyrin Synthesis: A New Methodology. Journal of Organic Chemistry, 1998, 63, 7013-7021.	3.2	57
119	Demetalation of Silver(III) Corrolates. Inorganic Chemistry, 2009, 48, 6879-6887.	4.0	57
120	Impact of Substituents and Nonplanarity on Nickel and Copper Porphyrin Electrochemistry: First Observation of a Cu ^{II} /Cu ^{III} Reaction in Nonaqueous Media. Inorganic Chemistry, 2014, 53, 10772-10778.	4.0	57
121	Proton NMR study of the influence of hydrophobic contacts on protein prosthetic group recognition in bovine and rat ferricytochrome b5. Biochemistry, 1990, 29, 9623-9631.	2.5	56
122	Correlations between Raman frequencies and structure for planar and nonplanar metalloporphyrins. Inorganic Chemistry, 1994, 33, 2297-2302.	4.0	56
123	First syntheses of fused pyrroloporphyrins. Chemical Communications, 1996, , 1475.	4.1	56
124	Proton nuclear magnetic resonance investigation of the electronic structure of compound I of horseradish peroxidase. Journal of Biological Chemistry, 1981, 256, 237-43.	3.4	56
125	The nuclear magnetic resonance spectra of porphyrins. Part VIII. The ¹³ C nuclear magnetic resonance spectra of some porphyrins and metalloporphyrins. Journal of the Chemical Society Perkin Transactions II, 1974, , 627.	0.9	55
126	Peripheral mercuration of metalloporphyrins: novel syntheses of deoxophylloerythroetioporphyrin and deoxophylloerythrin methyl ester. Journal of Organic Chemistry, 1984, 49, 4602-4609.	3.2	55

#	ARTICLE	IF	CITATIONS
127	Structure/activity relationships among photosensitizers related to pheophorbides and bacteriopheophorbides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1992, 2, 491-496.	2.2	55
128	Active Site Coordination Chemistry of the Cytochrome c Peroxidase Asp235Ala Variant: Spectroscopic and Functional Characterization. <i>Biochemistry</i> , 1994, 33, 7819-7829.	2.5	55
129	Electrochemical and Spectroscopic Characterization of Manganese(III) Dodecaphenylporphyrin Derivatives and X-ray Structural Determination of Chloro(5,10,15,20-tetrakis(pentafluorophenyl)-2,3,7,8,12,13,17,18-octaphenylporphyrinato)-manganese(III). Formation of a Manganese(IV) Species by Ozone and Electrochemical Oxidation. <i>Inorganic Chemistry</i> , 1998, 37, 973-981.	4.0	55
130	Aggregation in metalloporphyrins: causative factors. <i>Journal of the Chemical Society Chemical Communications</i> , 1976, , 699-701.	2.0	54
131	Identification of N-methylprotoporphyrin IX in livers of untreated mice and mice treated with 3,5-diethoxycarbonyl-1,4-dihydrocollidine: Source of the methyl group. <i>Archives of Biochemistry and Biophysics</i> , 1981, 212, 120-126.	3.0	54
132	2-Nitro-5,10,15-tritylcorroles. <i>Inorganic Chemistry</i> , 2012, 51, 6928-6942.	4.0	54
133	Imidazole- and alkylamine-ligated iron(II,III) chlorin complexes as models for histidine and lysine coordination to iron in dihydroporphyrin-containing proteins: characterization with magnetic circular dichroism spectroscopy. <i>Inorganic Chemistry</i> , 1993, 32, 1460-1466.	4.0	53
134	Electrochemistry and Spectroelectrochemistry of σ -Bonded Iron(III) Porphyrins with Nonplanar Porphyrin Rings. Reactions of (OETPP)Fe(R) and (OETPP)FeCl, Where R = C ₆ H ₅ , C ₆ F ₄ H, or C ₆ F ₅ and OETPP is the Dianion of 2,3,7,8,12,13,17,18-Octaethyl-5,10,15,20-tetraphenylporphyrin. <i>Inorganic Chemistry</i> , 1995, 34, 2984-2989.	4.0	53
135	Substituent-Induced Perturbation Symmetries and Distortions of meso-tert-Butylporphyrins. <i>Inorganic Chemistry</i> , 1998, 37, 2117-2128.	4.0	53
136	Porphyrin synthesis through tripyrins: an alternate approach. <i>Journal of Organic Chemistry</i> , 1983, 48, 4302-4306.	3.2	52
137	Influence of heme vinyl- and carboxylate-protein contacts on structure and redox properties of bovine cytochrome b ₅ . <i>Journal of the American Chemical Society</i> , 1991, 113, 3576-3583.	13.7	52
138	Synthesis and Characterization of a Series of Monometallo-, Bimetallo-, and Heterobimetallo-1,2-Ethene-Linked Cofacial Bisporphyrins. <i>Inorganic Chemistry</i> , 1998, 37, 1150-1160.	4.0	52
139	Syntheses of carbon-carbon linked carboranated porphyrins for boron neutron capture therapy of cancer. <i>Tetrahedron Letters</i> , 2000, 41, 7623-7627.	1.4	52
140	Carbon-13 nuclear magnetic resonance spectra of some substituted pyrroles. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1974, , 1004.	0.9	51
141	NMR study of the molecular and electronic structure of the heme cavity of <i>Aplysia metmyoglobin</i> . Resonance assignments based on isotope labeling and proton nuclear Overhauser effect measurements. <i>Biochemistry</i> , 1986, 25, 5638-5646.	2.5	51
142	Syntheses of novel substituted porphyrins by the mercuration and palladium/olefin methodology. <i>Journal of Organic Chemistry</i> , 1990, 55, 1231-1236.	3.2	51
143	Syntheses of stable bacteriochlorophyll-a derivatives as potential photosensitizers for photodynamic therapy. <i>Tetrahedron Letters</i> , 1996, 37, 6431-6434.	1.4	51
144	Reversed-phase high-performance liquid chromatography and structural assignments of the bacteriochlorophylls-c. <i>Journal of Chromatography A</i> , 1983, 281, 209-223.	3.7	50

#	ARTICLE	IF	CITATIONS
145	Crystal structure of a remarkably ruffled nonplanar porphyrin (pyridine)[5,10,15,20-tetra(tert-butyl)porphyrinato]zinc(II). <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 733.	2.0	50
146	Structural and Electronic Properties of the Heme Cofactors in a Multi-Heme Synthetic Cytochrome. <i>Biochemistry</i> , 1996, 35, 3429-3438.	2.5	50
147	Synthesis and Characterization of Bis(chlorin)s from the McMurry Reaction of Formylchlorins. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 1013-1016.	4.4	50
148	Chirality and structures of bacteriochlorophylls d. <i>Journal of the American Chemical Society</i> , 1982, 104, 3747-3749.	13.7	49
149	Proton NMR studies of the electronic and molecular structure of ferric low-spin horseradish peroxidase complexes. <i>Journal of the American Chemical Society</i> , 1984, 106, 4438-4444.	13.7	49
150	Influence of propionate side chains on the equilibrium heme orientation in sperm whale myoglobin. Heme resonance assignments and structure determination by nuclear Overhauser effect measurements. <i>Journal of the American Chemical Society</i> , 1986, 108, 5568-5573.	13.7	49
151	Conformational and Electronic Effects of Phenyl-Ring Fluorination on the Photophysical Properties of Nonplanar Dodecaarylporphyrins. <i>Journal of Physical Chemistry B</i> , 2001, 105, 6396-6411.	2.6	49
152	Stepwise Polychlorination of 8-Chloro-BODIPY and Regioselective Functionalization of 2,3,5,6,8-Pentachloro-BODIPY. <i>Journal of Organic Chemistry</i> , 2015, 80, 8377-8383.	3.2	49
153	NMR spectra of porphyrins. 18. A ring-current model for chlorophyll derivatives. <i>Journal of the American Chemical Society</i> , 1982, 104, 4332-4337.	13.7	48
154	Proton nuclear magnetic resonance investigation of the mechanism of the reconstitution of myoglobin that leads to metastable heme orientational disorder. <i>Journal of the American Chemical Society</i> , 1989, 111, 485-491.	13.7	48
155	Synthesis and Characterization of Free-Base, Copper, and Nickel Isocorroles. <i>Inorganic Chemistry</i> , 2010, 49, 5766-5774.	4.0	48
156	Synthesis and Spectroscopic Investigation of a Series of Push-Pull Boron Dipyrromethenes (BODIPYs). <i>Journal of Organic Chemistry</i> , 2017, 82, 2545-2557.	3.2	48
157	Efficient synthesis of porphyrin dimers with carbon-carbon linkages. <i>Tetrahedron Letters</i> , 1990, 31, 789-792.	1.4	47
158	Proton NMR study of the role of individual heme propionates in modulating structural and dynamic properties of the heme pocket in myoglobin. <i>Journal of the American Chemical Society</i> , 1990, 112, 6198-6205.	13.7	47
159	PHOTOSENSITIZATION WITH BACTERIOCHLORINS. <i>Photochemistry and Photobiology</i> , 1993, 58, 200-203.	2.5	47
160	Pyrroles and related compounds. Part XIV. The structure and transformations of oxophlorins (oxyporphyrins). <i>Journal of the Chemical Society C, Organic</i> , 1968, , 302.	0.2	46
161	Synthesis and chemistry of new benzoporphyrins. <i>Tetrahedron Letters</i> , 1999, 40, 8763-8766.	1.4	46
162	Intermediates in the Formation of the Chlorophyll Isocyclic Ring. <i>Plant Physiology</i> , 1985, 79, 725-729.	4.8	45

#	ARTICLE	IF	CITATIONS
163	NMR spectra of porphyrins. 28. Detailed solution structure of a bacteriochlorophyllide d dimer. Journal of the American Chemical Society, 1986, 108, 1111-1120.	13.7	45
164	Functionalization of Corroles: Formylcorroles. Journal of Organic Chemistry, 1997, 62, 6193-6198.	3.2	45
165	Photoinduced Evolution on the Conformational Landscape of Nonplanar Dodecaphenylporphyrin: Picosecond Relaxation Dynamics in the $^1(\pi, \pi^*)$ Excited State. Journal of Physical Chemistry B, 2000, 104, 6690-6693.	2.6	45
166	Amination Reaction on Copper and Germanium \hat{I}^2 -Nitrocorrolates. Inorganic Chemistry, 2011, 50, 8281-8292.	4.0	45
167	Synthesis and Transformations of 5-Chloro-2,2-Dipyrrins and Their Boron Complexes, 8-Chloro-BODIPYs. Chemistry - A European Journal, 2014, 20, 5064-5074.	3.3	45
168	Synthesis of oxophlorins (oxyporphyrins) from magnesium and zinc porphyrin chelates. Journal of the Chemical Society Perkin Transactions 1, 1973, , 691.	0.9	44
169	Carbon-13 NMR spectra of some chlorins and other chlorophyll degradation products. Tetrahedron, 1975, 31, 367-375.	1.9	44
170	Mechanisms of aggregation in metalloporphyrins: demonstration of a mechanistic dichotomy. Journal of the Chemical Society Chemical Communications, 1976, , 698.	2.0	44
171	Assignment of hyperfine-shifted resonances in low-spin forms of cytochrome c peroxidase by reconstitutions with deuterated hemins. Journal of the American Chemical Society, 1983, 105, 2099-2104.	13.7	44
172	Isolation, purification and partial characterization of an active anti-HIV compound from the Chinese medicinal herb Viola yedoensis. Antiviral Research, 1988, 10, 107-115.	4.1	44
173	Stable isoporphyrin chromophores: synthesis. Tetrahedron Letters, 1992, 33, 1197-1200.	1.4	44
174	Phosphorus complex of corrole. Chemical Communications, 1998, , 1119-1120.	4.1	44
175	Bile pigments. Chemical Society Reviews, 1975, 4, 363.	38.1	43
176	meso-Methylporphyrins and -chlorins. Bioorganic Chemistry, 1980, 9, 1-26.	4.1	43
177	Proton NMR characterization of heme rotational disorder in reconstituted horseradish peroxidase. Journal of the American Chemical Society, 1980, 102, 4833-4835.	13.7	43
178	Notes: Structure and Conformation of Photosynthetic Pigments and Related Compounds 3. Crystal Structure of \hat{I}^2 -Carotene. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1992, 47, 474-476.	1.4	43
179	Nativelike Structure in Designed Four \hat{I}^{\pm} -Helix Bundles Driven by Buried Polar Interactions. Journal of the American Chemical Society, 2006, 128, 14450-14451.	13.7	43
180	The Behavior Problems Inventory: Reliability and Factor Validity in Institutionalized Adults with Intellectual Disabilities. Journal of Applied Research in Intellectual Disabilities, 2009, 22, 223-235.	2.0	43

#	ARTICLE	IF	CITATIONS
181	Resonance Raman spectra of the heme in leghemoglobin. Evidence for the absence of ruffling and the influence of the vinyl groups.. Journal of Biological Chemistry, 1983, 258, 1740-1746.	3.4	43
182	Bile pigment studies. Part 4. Some novel reactions of metalloporphyrins with thallium(III) and cerium(IV) salts. Ring cleavage of meso-tetraphenylporphyrin. Journal of the Chemical Society Perkin Transactions 1, 1978, , 768.	0.9	42
183	Isolation and characterization of two new bacteriochlorophylls d bearing neopentyl substituents. Journal of the American Chemical Society, 1983, 105, 1674-1676.	13.7	42
184	Syntheses of new bacteriochlorins and their antitumor activity. Bioorganic and Medicinal Chemistry Letters, 1994, 4, 1263-1267.	2.2	42
185	Photophysical studies of substituted porphyrins. Journal of the Chemical Society, Faraday Transactions, 1994, 90, 1073.	1.7	42
186	Conformational Study of 2,3,5,7,8,12,13,15,17,18-Decaalkylporphyrins. Inorganic Chemistry, 1994, 33, 3865-3872.	4.0	42
187	Ligand-Bridged Heterobimetallic Polymers: Silver(I)-Benzothiadiazole-Nickel Porphyrin Cation-Benzothiadiazole Arrays. Inorganic Chemistry, 1996, 35, 5120-5121.	4.0	42
188	Synthesis and properties of thallium(III) porphyrin chelates. Journal of the Chemical Society Perkin Transactions 1, 1973, , 2142.	0.9	41
189	Syntheses of hematoporphyrin dimers and trimers with ether linkages. Tetrahedron Letters, 1988, 29, 4657-4660.	1.4	41
190	PHOTOSENSITIZATION WITH DERIVATIVES OF CHLOROPHYLL. Photochemistry and Photobiology, 1989, 49, 157-160.	2.5	41
191	Structural consequences of porphyrin tautomerization. Molecular structure of a zinc isoporphyrin. Journal of the American Chemical Society, 1993, 115, 7894-7895.	13.7	41
192	Planar Bischlorophyll Derivatives with a Completely Conjugated π -System: Model Compounds for the Special Pair in Photosynthesis. Angewandte Chemie International Edition in English, 1996, 35, 1840-1842.	4.4	41
193	A Novel Synthetic Route to Sapphyrins. Journal of Organic Chemistry, 1997, 62, 5133-5137.	3.2	41
194	Metal Dependence of the Contributions of Low-Frequency Normal Coordinates to the Sterically Induced Distortions of Meso-Dialkyl-Substituted Porphyrins. Inorganic Chemistry, 1998, 37, 2009-2019.	4.0	41
195	The Role of the Peripheral Benzodiazepine Receptor in the Apoptotic Response to Photodynamic Therapy. Photochemistry and Photobiology, 2001, 74, 346.	2.5	41
196	The proton magnetic resonance spectra of porphyrins VII. Tetrahedron, 1973, 29, 553-560.	1.9	40
197	PHOTOXYGENATION OF MESO-TETRAPHENYLPORPHYRIN METAL COMPLEXES. Photochemistry and Photobiology, 1982, 36, 147-152.	2.5	40
198	Improved Synthesis of Functionalized 2,2-Bipyrroles. Journal of Organic Chemistry, 2007, 72, 8119-8122.	3.2	40

#	ARTICLE	IF	CITATIONS
199	Assignment of the Ferriheme Resonances of the Low-Spin Complexes of Nitrophorins 1 and 4 by ^1H and ^{13}C NMR Spectroscopy: A Comparison to Structural Data Obtained from X-ray Crystallography. <i>Inorganic Chemistry</i> , 2007, 46, 2041-2056.	4.0	40
200	Bohr effect in monomeric insect haemoglobins controlled by O_2 off-rate and modulated by haem-rotational disorder. <i>FEBS Journal</i> , 1986, 157, 393-404.	0.2	39
201	Photosensitization with derivatives of chlorin p6. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1995, 28, 13-18.	3.8	39
202	Raman dispersion spectroscopy on the highly saddled nickel(II)-octaethyltetraphenylporphyrin reveals the symmetry of nonplanar distortions and the vibronic coupling strength of normal modes. <i>Journal of Chemical Physics</i> , 1997, 107, 1794-1815.	3.0	39
203	$\hat{\text{I}}^2$ -Nitro Derivatives of Iron Corrolates. <i>Inorganic Chemistry</i> , 2012, 51, 3910-3920.	4.0	39
204	The magnesium-protoporphyrin IX (oxidative) cyclase system. Studies on the mechanism and specificity of the reaction sequence. <i>Biochemical Journal</i> , 1988, 255, 685-92.	3.7	39
205	Mechanism of photo-oxygenation of meso-tetraphenylporphyrin metal complexes. <i>Tetrahedron Letters</i> , 1980, 21, 2763-2766.	1.4	38
206	Proton nuclear magnetic resonance investigation of the nature of solution conformational equilibria of monomeric insect deoxyhemoglobins. <i>Biochemistry</i> , 1981, 20, 4429-4436.	2.5	38
207	High-field orientation effects in the high-resolution proton NMR spectra of diverse porphyrins. <i>Magnetic Resonance in Chemistry</i> , 1985, 23, 935-938.	1.9	38
208	Characterization of low frequency resonance Raman bands of metallo-protoporphyrin ix. observation of isotope shifts and normal coordinate treatments. <i>Journal of Molecular Structure</i> , 1986, 146, 329-347.	3.6	38
209	Benzoporphyrins via an olefin ring-closure metathesis methodology. <i>Chemical Communications</i> , 2006, , 3900.	4.1	38
210	Synthesis, Characterization, and Electrochemical Studies of $\hat{\text{I}}^2, \hat{\text{I}}^2\text{-Fused Metallocenoporphyrins}$. <i>Inorganic Chemistry</i> , 2007, 46, 2898-2913.	4.0	38
211	Nitration of iron corrolates: further evidence for non-innocence of the corrole ligand. <i>Chemical Communications</i> , 2011, 47, 4255.	4.1	38
212	Nuclear magnetic resonance study of the molecular and electronic structure of the stable green sulfhemin prosthetic groups extracted from sulfmyoglobin. <i>Journal of the American Chemical Society</i> , 1988, 110, 6352-6358.	13.7	37
213	Proton NMR study of the molecular and electronic structure of ferric chlorin complexes: evidence for π bonding by the orbital derived from the porphyrin a_{1u} orbital. <i>Journal of the American Chemical Society</i> , 1989, 111, 6087-6093.	13.7	37
214	New syntheses and reactions of some halogenated porphyrins. <i>Journal of Organic Chemistry</i> , 1989, 54, 5567-5574.	3.2	37
215	Aggregation properties of nitroporphyrins: comparisons between solid-state and solution structures. <i>Inorganic Chemistry</i> , 1993, 32, 3134-3142.	4.0	37
216	Photophysical Consequences of Porphyrin Tautomerization. Steady-State and Time-Resolved Spectral Investigations of a Zinc Isoporphyrin. <i>The Journal of Physical Chemistry</i> , 1995, 99, 4330-4334.	2.9	37

#	ARTICLE	IF	CITATIONS
217	Proton nuclear magnetic resonance study of the electronic and molecular structure of the heme crevice in horseradish peroxidase. <i>Journal of Biological Chemistry</i> , 1980, 255, 6646-52.	3.4	37
218	Bacteriochlorophylls-d from <i>Chlorobium vibrioforme</i> : chromatographic separations and structural assignments of the methyl bacteriopeophorbides. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1985, , 1099.	0.9	36
219	Long wavelength photosensitizers related to chlorins and bacteriochlorins for use in photodynamic therapy. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1992, , 1377.	0.9	36
220	Iron Chlorin-Reconstituted Histidine-Ligated Heme Proteins as Models for Naturally Occurring Iron Chlorin Proteins: Magnetic Circular Dichroism Spectroscopy as a Probe of Iron Chlorin Coordination Structure. <i>Inorganic Chemistry</i> , 1994, 33, 5042-5049.	4.0	36
221	Functionalization of the corrole ring: the role of isocorrole intermediates. <i>Chemical Communications</i> , 2011, 47, 4243.	4.1	36
222	Mechanism of photooxidation of bacteriochlorophyll c derivatives. A possible model for natural chlorophyll breakdown. <i>Journal of Biological Chemistry</i> , 1980, 255, 8063-8.	3.4	36
223	Synthesis of some 2-alkyl-4-quinolone and 2-alkyl-4-methoxyquinoline alkaloids. <i>Journal of Heterocyclic Chemistry</i> , 1981, 18, 1077-1079.	2.6	35
224	Proton nuclear magnetic resonance study of the molecular and electronic structure of the heme cavity in <i>Aplysia cyanometmyoglobin</i> . <i>Biochemistry</i> , 1989, 28, 4880-4887.	2.5	35
225	Proton NMR study of the heme rotational mobility in myoglobin: the role of propionate salt bridges in anchoring the heme. <i>Journal of the American Chemical Society</i> , 1991, 113, 1544-1550.	13.7	35
226	Regioselective syntheses of ether-linked porphyrin dimers and trimers related to photofrin-II®. <i>Tetrahedron</i> , 1991, 47, 9571-9584.	1.9	35
227	The nmr spectra of porphyrins 15. <i>Tetrahedron</i> , 1979, 35, 1759-1766.	1.9	34
228	Light adaptation of bacteriochlorophyll-d producing bacteria by enzymic methylation of their antenna pigments. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 276.	2.0	34
229	A novel approach to the synthesis of symmetrical and unsymmetrical porphyrin dimers. <i>Tetrahedron Letters</i> , 1992, 33, 5315-5318.	1.4	34
230	Use of the chlorophyll derivative, purpurin-18, for syntheses of sensitizers for use in photodynamic therapy. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 2369.	0.9	34
231	NMR studies of nonplanar porphyrins. Part 2. Effect of nonplanar conformational distortions on the porphyrin ring current. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 839-844.	0.9	34
232	Synthesis of novel carboranylchlorins with dual application in boron neutron capture therapy (BNCT) and photodynamic therapy (PDT). <i>Applied Radiation and Isotopes</i> , 2004, 61, 1117-1123.	1.5	34
233	Synthesis and Reactivity of 4,4-Dialkoxy-BODIPYs: An Experimental and Computational Study. <i>Inorganic Chemistry</i> , 2015, 54, 3228-3236.	4.0	34
234	Resonance Raman spectra of the heme in leghemoglobin. Evidence for the absence of ruffling and the influence of the vinyl groups. <i>Journal of Biological Chemistry</i> , 1983, 258, 1740-6.	3.4	34

#	ARTICLE	IF	CITATIONS
235	Novel mercury(II) complexes of porphyrins. <i>Tetrahedron</i> , 1975, 31, 3077-3083.	1.9	33
236	Regioselective base-catalyzed exchange of ring methyl protons in protoporphyrin IX. A new facet of porphyrin chemistry. <i>Journal of the American Chemical Society</i> , 1977, 99, 7070-7072.	13.7	33
237	Synthesis of nickel(II) isobacteriochlorins from nickel(II) complexes of chlorophyll derivatives. <i>Journal of the American Chemical Society</i> , 1985, 107, 4954-4964.	13.7	33
238	Methyl deuteration reactions in vinylporphyrins: protoporphyrins IX, III, and XIII. <i>Journal of Organic Chemistry</i> , 1986, 51, 666-671.	3.2	33
239	Assignment by 2D NMR bond correlation spectroscopy of hyperfine-shifted and strongly relaxed protons in iron porphyrin and chlorin complexes. <i>Inorganic Chemistry</i> , 1991, 30, 3258-3263.	4.0	33
240	Chlorin-based symmetrical and unsymmetrical dimers with amide linkages: effect of the substituents on photodynamic and photophysical properties. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2000, , 3113-3121.	1.3	33
241	Recent developments in the chemistry of pyrrolic compounds. <i>Quarterly Reviews of the Chemical Society</i> , 1971, 25, 31.	2.4	32
242	Porphyrins and bile pigments from brominated pyrromethenes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1972, 12, 1471.	0.9	32
243	Novel porphyrins from copper(II)-mediated cyclizations of 1',8'-dimethyl-A,C-biladiene salts: mechanism of the cyclization reaction. <i>Journal of Organic Chemistry</i> , 1985, 50, 2073-2080.	3.2	32
244	Identification of the altered pyrrole in sulfmyoglobin and an extractable sulfhemin: participation of the 4-vinyl group in the saturation of the pyrrole in one form of sulfmyoglobin. <i>Journal of the American Chemical Society</i> , 1986, 108, 7108-7110.	13.7	32
245	Solution Conformations of Dodecasubstituted Cobalt(II) Porphyrins. <i>Inorganic Chemistry</i> , 1995, 34, 1333-1341.	4.0	32
246	Syntheses, characterization, and structural chemistry of biladien-ac-10-one and -bc-5-one metal complexes with 4N or (3N + O) co-ordination. <i>Journal of the Chemical Society Dalton Transactions</i> , 1996, , 3937.	1.1	32
247	$\hat{2},\hat{2}$ -Fused metallocenoporphyrins Electronic supplementary information (ESI) available: molecular structure of 10. See http://www.rsc.org/suppdata/cc/b1/b107732e/ . <i>Chemical Communications</i> , 2001, , 2646-2647.	4.1	32
248	$\hat{2}$ -Nitro Derivatives of Germanium(IV) Corrolates. <i>Inorganic Chemistry</i> , 2008, 47, 11680-11687.	4.0	32
249	Functionalization of 3,5,8-Trichlorinated BODIPY Dyes. <i>Journal of Organic Chemistry</i> , 2014, 79, 10342-10352.	3.2	32
250	Proton NMR study of yellowfin tuna myoglobin in whole muscle and solution. Evidence for functional metastable protein forms involving heme orientational disorder.. <i>Journal of Biological Chemistry</i> , 1985, 260, 13694-13698.	3.4	32
251	Bacteriochlorophylls c from <i>Chloropseudomonas ethylicum</i> . Composition and NMR studies of the pheophorbides and derivatives. <i>Journal of the American Chemical Society</i> , 1980, 102, 2437-2448.	13.7	31
252	Anodic oxidation potentials of substituted pyrroles: derivation and analysis of substituent partial potentials. <i>Journal of Organic Chemistry</i> , 1984, 49, 1870-1875.	3.2	31

#	ARTICLE	IF	CITATIONS
253	Cyclizations of 1,8-dimethyl-a,c-biladiene salts to give porphyrins: a study with various oxidizing agents. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1986, , 277-280.	0.9	31
254	EVALUATION OF NEW BENZOPORPHYRIN DERIVATIVES WITH ENHANCED PDT EFFICACY*. <i>Photochemistry and Photobiology</i> , 1995, 62, 764-768.	2.5	31
255	A Calix[4]arenoporphyrin. <i>Angewandte Chemie International Edition in English</i> , 1997, 36, 2497-2500.	4.4	31
256	Solution ¹ H NMR Study of the Electronic Structure and Magnetic Properties of High-Spin Ferrous or Deoxy Myoglobins. <i>Journal of the American Chemical Society</i> , 1998, 120, 2113-2123.	13.7	31
257	Evidence for unusually strong intramolecular hydrogen bonding in highly nonplanar porphyrins. <i>Chemical Communications</i> , 1999, , 1221-1222.	4.1	31
258	Synthesis of 3,8-Dichloro-6-ethyl-1,2,5,7-tetramethyl-BODIPY from an Asymmetric Dipyrroketone and Reactivity Studies at the 3,5-Positions. <i>Chemistry - A European Journal</i> , 2015, 21, 6181-6192.	3.3	31
259	Synthesis and Spectroscopic and Cellular Properties of Near-IR Phenanthrene-Fused 4,4-Difluoro-4-bora-3a,4a-diaza-indacenes. <i>Journal of Organic Chemistry</i> , 2017, 82, 9744-9750.	3.2	31
260	Transformation of chlorins into bile pigment analogues. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1973, 19, 2149.	0.9	30
261	Studies on the biosynthesis of the Chlorobium chlorophylls. <i>Philosophical Transactions of the Royal Society of London Series B, Biological Sciences</i> , 1976, 273, 255-276.	2.3	30
262	Crystal and molecular structure of methyl bacteriopheophorbide a. A model for a primary electron acceptor in bacterial photosynthesis. <i>Journal of the American Chemical Society</i> , 1981, 103, 5890-5893.	13.7	30
263	Assignment of hyperfine shifted resonances in high-spin forms of cytochrome c peroxidase by reconstitutions with deuterated hemins. <i>BBA - Proteins and Proteomics</i> , 1983, 743, 246-255.	2.1	30
264	The NMR spectra of porphyrins. ²⁷ Al proton NMR spectra of chlorophyll-a and pheophytin-a. <i>Magnetic Resonance in Chemistry</i> , 1984, 22, 779-783.	0.7	30
265	Stepwise syntheses of unsymmetrical tetra-arylporphyrins. Adaptation of the macdonald dipyrrole self-condensation methodology. <i>Tetrahedron Letters</i> , 1990, 31, 7265-7268.	1.4	30
266	Meso-oxidation of some metalloporphyrins. <i>Tetrahedron</i> , 1975, 31, 2711-2717.	1.9	29
267	Sterically crowded porphyrins: -tetraphenyl-octaethylporphyrin. <i>Tetrahedron Letters</i> , 1977, 18, 443-446.	1.4	29
268	Reduction potentials of beta-substituted free base porphyrins. <i>Inorganic and Nuclear Chemistry Letters</i> , 1980, 16, 441-447.	0.7	29
269	Electrophilic mercuriation reactions of derivatives of deuteroporphyrin IX: new syntheses of coproporphyrin III, harderoporphyrin, isoharderoporphyrin, and S-411 porphyrin (dehydrocoproporphyrin). <i>Journal of Organic Chemistry</i> , 1983, 48, 500-506.	3.2	29
270	Efficient new syntheses of benzochlorins, benzoisobacteriochlorins, and benzobacteriochlorins. <i>Tetrahedron Letters</i> , 1990, 31, 1365-1368.	1.4	29

#	ARTICLE	IF	CITATIONS
271	One-pot synthesis, physicochemical characterization and crystal structures of cis- and trans-(1,4,8,11-tetraazacyclotetradecane)-dichloroiron(III) complexes. <i>Journal of the Chemical Society Dalton Transactions</i> , 1997, , 3459-3463.	1.1	29
272	Sulfolenoporphyrins: synthons for refunctionalization of porphyrins. <i>Tetrahedron Letters</i> , 2005, 46, 2009-2013.	1.4	29
273	In Vitro and In Vivo Photosensitization by Protoporphyrins Possessing Different Lipophilicities and Vertical Localization in the Membrane. <i>Photochemistry and Photobiology</i> , 2006, 82, 1319.	2.5	29
274	Porphobilinogen synthesis. <i>Journal of the Chemical Society Chemical Communications</i> , 1973, , 43.	2.0	28
275	Pyrroles and related compounds. Part XXII. Syntheses of pyrromethanes and a tripyrrane. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1973, , 2471.	0.9	28
276	Electron spin resonance study of dimers of copper(II) octaethylporphyrin, meso-nitro-octaethylporphyrin, and meso-dinitro-octaethylporphyrin in solution. <i>Journal of the Chemical Society Dalton Transactions</i> , 1979, , 245.	1.1	28
277	The oxidation of hemins by microsomal heme oxygenase. <i>BBA - Proteins and Proteomics</i> , 1984, 791, 342-349.	2.1	28
278	Novel substituent orientation in Reimer-Tiemann reactions of pyrrole-2-carboxylates. <i>Journal of Organic Chemistry</i> , 1985, 50, 790-792.	3.2	28
279	Macrocycle and substituent vibrational modes of nonplanar nickel(II) octaethyltetraphenylporphyrin from its resonance Raman, near-infrared-excited FT Raman, and FT-IR spectra and deuterium isotope shifts. <i>The Journal of Physical Chemistry</i> , 1993, 97, 3701-3708.	2.9	28
280	Syntheses and Spectroscopic Studies of Some Novel Porphyrin-Pyropheophorbide Dimers and Trimers with Fixed Distances. <i>Tetrahedron Letters</i> , 1997, 38, 2409-2412.	1.4	28
281	A New Method for Evaluating the Conformations and Normal Modes of Macromolecule Vibrations with a Reduced Force Field. 2. Application to Nonplanar Distorted Metal Porphyrins. <i>Journal of Physical Chemistry B</i> , 1999, 103, 10022-10031.	2.6	28
282	Preparation, Characterization, and Luminescence Properties of Gallium ^{III} Metal Face-to-Face Diporphyrins (M = H ₂ , Ga, Ru(CO)(OH), Co). <i>Inorganic Chemistry</i> , 2001, 40, 4134-4142.	4.0	28
283	One-pot synthesis of <i>meso</i> -alkyl substituted isocorroles: the reaction of a triarylcorrole with Grignard reagent. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010, 14, 752-757.	0.8	28
284	Pyrrole und verwandte Verbindungen, XXI. Schutz der Porphyrinvinylgruppen. Eine Synthese von 1329-1338.	0.5	27
285	Novel mercury(II) complexes of meso-tetraphenylporphyrin and N-methylporphyrins. <i>Tetrahedron</i> , 1976, 32, 597-601.	1.9	27
286	Structures of the bacteriochlorophyll c homologs: solution to a longstanding problem. <i>Journal of the American Chemical Society</i> , 1980, 102, 7149-7151.	13.7	27
287	Substituent effects in tetrapyrrole subunit reactivity and pinacol-pinacolone rearrangements: Vic-dihydroxychlorins and vic-dihydroxybacteriochlorins. <i>Tetrahedron Letters</i> , 1992, 33, 7815-7818.	1.4	27
288	Oxidation of an $\hat{\pm}$ -Meso-Methyl-Substituted Heme to an $\hat{\pm}$ -Biliverdin by Heme Oxygenase. A Novel Heme Cleavage Reaction. <i>Journal of the American Chemical Society</i> , 1996, 118, 9172-9173.	13.7	27

#	ARTICLE	IF	CITATIONS
289	NMR studies of nonplanar porphyrins. Part 1. Axial ligand orientations in highly nonplanar porphyrins. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 833-838.	0.9	27
290	Novel Synthetic Routes to 8-Vinyl Chlorophyll Derivatives. <i>Journal of Organic Chemistry</i> , 1998, 63, 2314-2320.	3.2	27
291	Novel dodecaarylporphyrins: synthesis and dynamic properties. <i>Tetrahedron Letters</i> , 1999, 40, 6159-6162.	1.4	27
292	Electronic Effects on the Stereoselectivity of Epoxidation Reactions Catalysed by Manganese Porphyrins. <i>European Journal of Organic Chemistry</i> , 1999, 1999, 3281-3286.	2.4	27
293	6-Azahemiporphycene: A New Member of the Porphyrinoid Family. <i>Inorganic Chemistry</i> , 2009, 48, 10346-10357.	4.0	27
294	Synthesis and properties of a series of carboranyl-BODIPYs. <i>Journal of Organometallic Chemistry</i> , 2015, 798, 209-213.	1.8	27
295	Syntheses and cellular investigations of di-aspartate and aspartate-lysine chlorin e ₆ conjugates. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 1049-1064.	2.8	27
296	Enhanced Hypsochromic Shifts, Quantum Yield, and π - π Interactions in a <i>meso</i> , <i>β</i> -Heteroaryl-Fused BODIPY. <i>Journal of Organic Chemistry</i> , 2017, 82, 3880-3885.	3.2	27
297	Proton NMR study of yellowfin tuna myoglobin in whole muscle and solution. Evidence for functional metastable protein forms involving heme orientational disorder. <i>Journal of Biological Chemistry</i> , 1985, 260, 13694-8.	3.4	27
298	Pyroles and related compounds. Part 39. Structural and biosynthetic studies of the Chlorobium chlorophylls-660 (bacteriochlorophylls c). Incorporations of methionine and porphobilinogen. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1978, , 845.	0.9	26
299	Heme methyl hyperfine-shifted nuclear magnetic resonance peaks assigned by selective deuteration as indicators of heme-protein interactions in metmyoglobins. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , 1980, 622, 210-218.	1.7	26
300	Syntheses of methyl-devinylporphyrins related to protoporphyrin-IX. Initial studies on the mechanism of the copper (II) catalysed cyclization of 1- α -dimethyl-a,c-biladiene salts. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1983, , 2329-2335.	0.9	26
301	STRUCTURE and CONFORMATION OF PHOTOSYNTHETIC PIGMENTS and RELATED COMPOUNDS. 2. NICKEL (II) METHYL PYROPHEOPHORBIDE a SEVERELY ISTORTED CHLOROPHYLL DERIVATIVE. <i>Photochemistry and Photobiology</i> , 1991, 54, 841-846.	2.5	26
302	In vitro PHOTODYNAMIC EFFECTS OF LYSYL CHLORIN p6: CELL SURVIVAL, LOCALIZATION AND ULTRASTRUCTURAL CHANGES. <i>Photochemistry and Photobiology</i> , 1993, 58, 653-660.	2.5	26
303	Direct meso-alkylation of meso-formylporphyrins using Grignard reagents. <i>Chemical Communications</i> , 1996, , 1759.	4.1	26
304	Metal ion-induced self assembly of open-chain tetrapyrrole derivatives: Double stranded dinuclear complexes from 10-oxo-5,15-biladienes. <i>Tetrahedron</i> , 1998, 54, 2339-2346.	1.9	26
305	Novel synthesis and new chemistry of naphthochlorins. <i>Chemical Communications</i> , 1998, , 757-758.	4.1	26
306	Syntheses of carboranylpyroles. <i>Tetrahedron Letters</i> , 2001, 42, 7759-7761.	1.4	26

#	ARTICLE	IF	CITATIONS
307	Porphyrins with fused exocyclic rings. <i>Journal of Porphyrins and Phthalocyanines</i> , 2004, 08, 26-42.	0.8	26
308	Synthesis and cellular studies of a carboranylchlorin for the PDT and BNCT of tumors. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 5890-5897.	3.0	26
309	Phenyl Derivative of Iron 5,10,15-Triethylcorrole. <i>Inorganic Chemistry</i> , 2014, 53, 4215-4227.	4.0	26
310	Synthesis and regioselective functionalization of perhalogenated BODIPYs. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6184-6188.	2.8	26
311	The NMR spectra of porphyrins ¹⁴ . <i>Tetrahedron</i> , 1978, 34, 1213-1220.	1.9	25
312	Protoporphyrin IX: some recent research. <i>Accounts of Chemical Research</i> , 1979, 12, 374-381.	15.6	25
313	Mechanisms of Energy Transduction in Plant Photosynthesis: ESR, ENDOR and MOs of the Primary Acceptors. <i>Israel Journal of Chemistry</i> , 1981, 21, 265-269.	2.3	25
314	The effect of <i>N</i> -methylprotoporphyrin IX on the synthesis of photosynthetic pigments in <i>Cyanidium caldarium</i> . Further evidence for the role of haem in the biosynthesis of plant bilins. <i>Biochemical Journal</i> , 1982, 208, 487-491.	3.1	25
315	Proton nuclear magnetic resonance investigation of the conformation-dependent spin equilibrium in azide-ligated monomeric insect hemoglobins. <i>Biochemistry</i> , 1983, 22, 6239-6246.	2.5	25
316	Raney nickel reductions of chlorophyll derivatives: hydroprotoporphyrins in the anhydro series. <i>Journal of the American Chemical Society</i> , 1987, 109, 6326-6333.	13.7	25
317	Structures and transformations of the bacteriochlorophylls <i>e</i> and their bacteriopheophorbides. <i>Journal of the American Chemical Society</i> , 1988, 110, 1753-1758.	13.7	25
318	Assignment of selected hyperfine proton NMR resonances in the met forms of <i>Glycera dibranchiata</i> monomer hemoglobins and comparisons with sperm whale metmyoglobin. <i>Biochemistry</i> , 1988, 27, 3069-3076.	2.5	25
319	Interpretation of hyperfine shift patterns in ferricytochromes <i>b5</i> in terms of angular position of the heme: a sensitive probe for peripheral heme protein interactions. <i>BBA - Proteins and Proteomics</i> , 1993, 1202, 189-199.	2.1	25
320	Nuclear magnetic resonance investigation of the electronic structure of deoxymyoglobin. <i>Journal of the American Chemical Society</i> , 1993, 115, 3869-3876.	13.7	25
321	Axial coordination phenomena in highly substituted porphyrins. Crystal structure of the polymeric (2,3,7,8,12,13,17,18-octaethyl-5,10,15,20-tetranitroporphyrinato)zinc(II), $[Zn(oetnp)]_n$. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 923.	2.0	25
322	A convenient synthesis of functionalized tetraphenylchlorins. <i>Chemical Communications</i> , 1996, , 2581.	4.1	25
323	Self-Assembling Covalently Linked Supramolecular Arrays of Defined Structure: The Remarkable Redox Reactivity of 15-meso-Substituted 5-Oxoporphyrins. <i>Angewandte Chemie International Edition in English</i> , 1996, 35, 2496-2499.	4.4	25
324	¹ H NMR Investigation of the Role of Intrinsic Heme versus Protein-Induced Rhombic Perturbations on the Electronic Structure of Low-Spin Ferrihemoproteins: A Effect of Heme Substituents on Heme Orientation in Myoglobin. <i>Journal of the American Chemical Society</i> , 1999, 121, 835-843.	13.7	25

#	ARTICLE	IF	CITATIONS
325	Conformational control of oxidation sites, spin states and orbital occupancy in nickel porphyrins. <i>Research on Chemical Intermediates</i> , 2002, 28, 741-759.	2.7	25
326	Syntheses and properties of functionalized oxacalix[4]arene porphyrins. <i>Tetrahedron</i> , 2007, 63, 4011-4017.	1.9	25
327	β -Pyrazino-fused tetrarylporphyrins. <i>Dyes and Pigments</i> , 2013, 99, 136-143.	3.7	25
328	Synthesis, reactivity and structural chemistry of 5,10,15,20-tetraalkylporphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 1999, 3, 99-116.	0.8	25
329	Pyrroles and related compounds. Part XXX. Cyclisation of porphyrin β -keto-esters to phaeoporphyrins. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1974, 4, 527-530.	0.9	24
330	Pyrroles and related compounds—XXXVI. <i>Tetrahedron</i> , 1976, 32, 2753-2756.	1.9	24
331	Some mercuration reactions of substituted pyrroles. <i>Journal of Organic Chemistry</i> , 1989, 54, 4801-4807.	3.2	24
332	Syntheses of water-soluble cationic porphyrins and chlorins. <i>Tetrahedron</i> , 1992, 48, 7591-7600.	1.9	24
333	Synthesis and characterization of halogeno- and pseudo-halogeno-thallium(III) porphyrin complexes. Variation of the co-ordination geometry as a function of the axial ligand. <i>Journal of the Chemical Society Dalton Transactions</i> , 1993, , 3519.	1.1	24
334	One-pot synthesis of regiochemically pure porphyrins from two different pyrroles. <i>Tetrahedron Letters</i> , 1994, 35, 7581-7584.	1.4	24
335	Syntheses and preliminary in vivo photodynamic efficacy of benzoporphyrin derivatives from phylloerythrin and rhodoporphyrin XV methyl esters and aspartyl amides. <i>Tetrahedron</i> , 1996, 52, 5349-5362.	1.9	24
336	Approaches to β -Fused Porphyrinoporphyrins: Pyrrolo- and Dipyrromethaneporphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 1997, 01, 201-212.	0.8	24
337	β , β -Linked cofacial bis-porphyrins. <i>Tetrahedron Letters</i> , 2006, 47, 501-504.	1.4	24
338	Silicon(IV) Corroles. <i>Chemistry - A European Journal</i> , 2018, 24, 8438-8446.	3.3	24
339	Pyrroles and related compounds. Part XVII. Porphyrin synthesis through β -bilenes. <i>Journal of the Chemical Society C, Organic</i> , 1971, , 502.	0.2	23
340	Reactions of some metalloporphyrin and metallochlorin $\dot{\epsilon}$ -cation radicals with nitrite. <i>Journal of the Chemical Society Chemical Communications</i> , 1974, .	2.0	23
341	General synthesis of hydrocarbon-soluble porphyrins. <i>Journal of Organic Chemistry</i> , 1979, 44, 2077-2081.	3.2	23
342	Intrathecal morphine for pelvic and sacral pain caused by cancer. <i>World Neurosurgery</i> , 1984, 22, 63-68.	1.3	23

#	ARTICLE	IF	CITATIONS
343	Bacteriochlorophyll-c formation via the glutamate C-5 pathway in Chlorobium bacteria. Journal of the Chemical Society Chemical Communications, 1987, , 14.	2.0	23
344	NMR spectra of porphyrins. Part 31. Ring currents in hydroporphyrins. Journal of the American Chemical Society, 1987, 109, 4786-4791.	13.7	23
345	NMR study of heme pocket polarity/hydrophobicity of myoglobin using polypropionate-substituted hemins. Journal of the American Chemical Society, 1990, 112, 8315-8323.	13.7	23
346	Tetrapyrrole products from electrochemical cyclization of 1,8-Disubstituted-a,c-biladiene salts. Tetrahedron, 1991, 47, 685-696.	1.9	23
347	A Solvate of the Diacetate Salt of the Octaethyltetraphenylporphyrin Dication, H ₄ OETPP ₂ ⁺ .3CH ₃ COO ⁻ .3CH ₃ COOH.CH ₂ Cl ₂ . Acta Crystallographica Section C: Crystal Structure Communications, 1995, 51, 511-515.	0.4	23
348	Dodecasubstituted metallochlorins (metallo-dihydroporphyrins). Chemical Communications, 1998, , 759-760.	4.1	23
349	Synthesis and Spectroscopic Properties of Novel Benzochlorins Derived from Chlorophyll a. Journal of Organic Chemistry, 1998, 63, 1646-1656.	3.2	23
350	Syntheses and chemistry of porphyrins. Journal of Porphyrins and Phthalocyanines, 2000, 04, 319-324.	0.8	23
351	Bis-thallium(I) porphyrin complexes. Journal of Porphyrins and Phthalocyanines, 2001, 05, 621-627.	0.8	23
352	Assignment of the Ferriheme Resonances of the High-Spin Forms of Nitroporphins 1 and 4 by ¹ H NMR Spectroscopy: A Comparison to Structural Data Obtained from X-ray Crystallography. Inorganic Chemistry, 2007, 46, 170-178.	4.0	23
353	Development of porphyrin syntheses. New Journal of Chemistry, 2016, 40, 5644-5649.	2.8	23
354	Lewis-Acid-Catalyzed BODIPY Boron Functionalization Using Trimethylsilyl Nucleophiles. Inorganic Chemistry, 2018, 57, 14493-14496.	4.0	23
355	New syntheses of deuterated protoporphyrin-IX derivatives for heme protein nmr studies. Bioorganic Chemistry, 1979, 8, 485-495.	4.1	22
356	The use of <i>N</i> -methylprotoporphyrin dimethyl ester to inhibit ferrochelatase in <i>Rhodospseudomonas sphaeroides</i> and its effect in promoting biosynthesis of magnesium tetrapyrroles. Biochemical Journal, 1982, 208, 479-486.	3.1	22
357	New efficient total syntheses of derivatives of protoporphyrin IX bearing deuteriated methyl groups. Journal of Heterocyclic Chemistry, 1983, 20, 1383-1388.	2.6	22
358	Electrosynthesis of porphyrins from a,c-biladienes. Journal of the American Chemical Society, 1988, 110, 8562-8564.	13.7	22
359	Chemistry Of Photofrin II And Some New Photosensitizers. Proceedings of SPIE, 1989, , .	0.8	22
360	Spectroscopic analysis of chlorophyll model complexes: methyl ester ClFe(III)pheophorbides. Biochimica Et Biophysica Acta - Bioenergetics, 1989, 974, 163-179.	1.0	22

#	ARTICLE	IF	CITATIONS
361	Porphyrin synthesis from a,c-biladienes. Evidence for a common mechanistic pathway in the electrochemical and chemical routes: formation of novel macrocycles possessing the homoporphyrin carbon skeleton. <i>Journal of the American Chemical Society</i> , 1990, 112, 2038-2040.	13.7	22
362	UV resonance Raman evidence for electronically and vibrationally independent protoporphyrin IX vinyl groups. <i>The Journal of Physical Chemistry</i> , 1992, 96, 6917-6922.	2.9	22
363	Syntheses of emeraldin and purpurin-18 analogs as target-specific photosensitizers for photodynamic therapy. <i>Tetrahedron Letters</i> , 1997, 38, 3335-3338.	1.4	22
364	Efficient Synthesis of β -Alkynylcorroles. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 6811-6816.	2.4	22
365	Chlorin e ₆ ¹³ :15 ² -Anhydride: A Key Intermediate in Conjugation Reactions of Chlorin e ₆ . <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3661-3665.	2.4	22
366	Selective nitration and bromination of surprisingly ruffled phosphorus corroles. <i>Journal of Inorganic Biochemistry</i> , 2016, 158, 17-23.	3.5	22
367	Pyrroles and related compounds. Part XIII. Porphyrin synthesis through b-oxobilanes and oxophlorins (oxyprophyrins). <i>Journal of the Chemical Society C, Organic</i> , 1968, , 294.	0.2	21
368	Reactions of porphyrins with thallium(III) trifluoroacetate. <i>Challenge</i> , 1971, , 540.	0.4	21
369	SYNTHETIC STUDIES ON PORPHYRIN SYSTEMS. <i>Annals of the New York Academy of Sciences</i> , 1973, 206, 138-150.	3.8	21
370	Rate processes in -tetraphenylporphyrin. Slow exchange between -tetraphenylporphyrin and its diprotonated form. <i>Tetrahedron Letters</i> , 1974, 15, 71-74.	1.4	21
371	Pyrroles and related compounds—XXXVII. <i>Tetrahedron</i> , 1976, 32, 2757-2762.	1.9	21
372	The nuclear magnetic resonance spectra of porphyrins—XI. <i>Tetrahedron</i> , 1976, 32, 2949-2956.	1.9	21
373	Pyrroles and related compounds—XXXIV. <i>Tetrahedron</i> , 1976, 32, 275-283.	1.9	21
374	Synthesis of etioporphyrin by monopyrrole tetramerization. <i>Journal of Organic Chemistry</i> , 1979, 44, 2591-2592.	3.2	21
375	Mechanism of photo-oxidation of bacteriochlorophyll-C derivatives. <i>Tetrahedron Letters</i> , 1980, 21, 491-494.	1.4	21
376	Comparison of the heme electronic and molecular structure of soybean leghemoglobin and sperm whale myoglobin by proton NMR. <i>Biochemical and Biophysical Research Communications</i> , 1981, 102, 142-148.	2.1	21
377	Partial synthesis of chlorophyll-a from rhodochlorin. <i>Tetrahedron</i> , 1981, 37, 399-403.	1.9	21
378	Deacylation and deformylation of pyrroles. <i>Journal of Organic Chemistry</i> , 1983, 48, 4779-4781.	3.2	21

#	ARTICLE	IF	CITATIONS
379	Syntheses of derivatives of protoporphyrin IX bearing deuterated methyls on the propionate (C and D) rings. <i>Journal of Organic Chemistry</i> , 1986, 51, 4660-4667.	3.2	21
380	Generation of a stable σ -bonded iron(IV) porphyrin. Formation and reactivity of [(OETPP)FeIV(C6H5)] ⁿ⁺ (n = 1-3; OETPP = dianion of Tj ETQqO O O rgBT /Overlock 10 Tf 50 697 Td (2,3,7,8,12,13,17,18-octaethyl-5,10	1.7	10
381	Functionalization of 2,3-Disubstituted-2,3-dihydro-5,10,15,20-tetraphenylporphyrins. <i>Tetrahedron</i> , 2000, 56, 3139-3144.	1.9	21
382	Coplanar conjugated β^2 -nitroporphyrins and some aspects of nitration of porphyrins with N2O4. <i>Tetrahedron Letters</i> , 2000, 41, 3583-3587.	1.4	21
383	Synthesis and Investigation of Linker-Free BODIPY ^{â€} Gly Conjugates Substituted at the Boron Atom. <i>Inorganic Chemistry</i> , 2019, 58, 11614-11621.	4.0	21
384	Porphyrins and large metal ions. Crystal and molecular structure of 2,3,7,8,12,13,17,18-octaethylporphinatochlorothallium(III). <i>Inorganic Chemistry</i> , 1977, 16, 1179-1186.	4.0	20
385	Ascorbic acid photoreductions of zinc(II) chlorophyll derivatives: access to metal-free isobacteriochlorins. <i>Journal of the American Chemical Society</i> , 1988, 110, 2854-2861.	13.7	20
386	Electrochemical study of the nonaqueous oxidation of dipyrrolic compounds. <i>Journal of Organic Chemistry</i> , 1989, 54, 1943-1948.	3.2	20
387	Isomeric monoacetylmono(1-hydroxyethyl)deuteroporphyrins: synthesis, characterization, and use for the synthesis of regioselectively methyl- and vinyl-deuterated hemins. <i>Journal of Organic Chemistry</i> , 1990, 55, 2190-2195.	3.2	20
388	Modelle fÃ¼r das photosynthetische Reaktionszentrum: Synthese und Struktur von <i>cis</i> - und <i>trans</i> -EthenverbrÃ¼ckten sowie gewinkelten HydroxymethylenverbrÃ¼ckten Porphyrindimeren. <i>Angewandte Chemie</i> , 1993, 105, 745-747.	2.0	20
389	Synthesis of nucleoside adducts of porphyrins and chlorophyll derivatives. <i>Tetrahedron Letters</i> , 1995, 36, 365-368.	1.4	20
390	Syntheses and Some Chemistry of 1,2- and 1,1-Bis(2-pyrrolyl)ethenes. <i>Journal of Organic Chemistry</i> , 1996, 61, 8508-8517.	3.2	20
391	First structural characterization of a covalently bonded porphyrin ^{â€} carborane system. <i>Chemical Communications</i> , 2001, , 483-484.	4.1	20
392	Carboranylcorroles. <i>Tetrahedron Letters</i> , 2005, 46, 5365-5368.	1.4	20
393	¹³ C nuclear magnetic resonance spectra of coproporphyrins. <i>Journal of the Chemical Society Chemical Communications</i> , 1973, , 401.	2.0	19
394	Novel mercury(II) porphyrins: identification of poryphyrin primary \hat{c} -type-isomers ^{â€™} . <i>Journal of the Chemical Society Chemical Communications</i> , 1973, , 515-516.	2.0	19
395	Novel mercury(II) porphyrins - II: Mercury(II) chelates of -tetraphenylporphyrin and N-methylporphyrins. <i>Tetrahedron Letters</i> , 1974, 15, 2223-2226.	1.4	19
396	Carbon-13 nuclear magnetic resonance spectra of zinc(II) coproporphyrins. A modus operandi for reproducible measurement of porphyrin spectra. <i>Journal of the American Chemical Society</i> , 1976, 98, 1604-1606.	13.7	19

#	ARTICLE	IF	CITATIONS
397	Anion radicals of bacteriochlorophylls c, d, and e. Likely electron acceptors in the primary photochemistry of green and brown photosynthetic bacteria. <i>Journal of the American Chemical Society</i> , 1983, 105, 3837-3843.	13.7	19
398	¹³ C-NMR study of labeled vinyl groups in paramagnetic myoglobin derivatives. <i>BBA - Proteins and Proteomics</i> , 1987, 912, 220-229.	2.1	19
399	Identification of the altered pyrrole in the isomeric sulfmyoglobins: hyperfine shift patterns as indicators of ring saturation in ferric chlorins. <i>Biochemistry</i> , 1988, 27, 1500-1507.	2.5	19
400	Preparation of bacterioporphyrins by partial synthesis from the <i>Chlorobium</i> chlorophylls. <i>Energy & Fuels</i> , 1990, 4, 675-688.	5.1	19
401	Proton NMR study of the role of heme carboxylate side chains in modulating heme pocket structure and the mechanism of reconstitution of cytochrome b5. <i>Biochemistry</i> , 1991, 30, 1878-1887.	2.5	19
402	Functionalizations of the alkyl substituents in octa-alkylporphyrins. <i>Tetrahedron</i> , 1991, 47, 6887-6894.	1.9	19
403	The electrochemistry of a stable Zn isoporphyrin. <i>Journal of Electroanalytical Chemistry</i> , 1993, 354, 281-287.	3.8	19
404	Structure and conformation of photosynthetic pigments and related compounds. 5. Structural investigation of nickel(II) bacterioporphyrins related to the bacteriochlorophylls c and d: evidence for localized conformational distortion in the c-series. <i>Inorganic Chemistry</i> , 1993, 32, 1259-1265.	4.0	19
405	Molecular Orientation and Structure of the Transition Moments of Porphyrin Derivatives with Various Symmetries. <i>The Journal of Physical Chemistry</i> , 1994, 98, 8813-8816.	2.9	19
406	Crystal and molecular structures of some mono-meso-substituted free base and zinc(II)octaalkylporphyrins. <i>Zeitschrift Fur Kristallographie - Crystalline Materials</i> , 1996, 211, 176-185.	0.8	19
407	Chlorophyll-a derivatives in photodynamic therapy: effect of position of heptyl ether side-chains on in vivo photosensitizing activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1996, 6, 105-110.	2.2	19
408	New chemistry of oxophlorins (oxyporphyrins) and their $\dot{\text{I}}\epsilon$ -radicals. <i>Tetrahedron</i> , 1999, 55, 6713-6732.	1.9	19
409	Syntheses of Natural Hydroxyamides Using Trimethylsilyl Cyanide. <i>Synthetic Communications</i> , 1983, 13, 273-280.	2.1	18
410	Novel macrocycles from metal-catalyzed oxidative cyclizations of a,c-biladiene salts. <i>Journal of Organic Chemistry</i> , 1993, 58, 6681-6691.	3.2	18
411	Magnetic Circular Dichroism Spectroscopic Studies on the Stereochemistry and Coordination Behavior of Nickel Porphyrins. <i>Inorganic Chemistry</i> , 1994, 33, 3873-3876.	4.0	18
412	Synthesis and unusual properties of the first 2,3,7,8,12,13,17,18-octabromo-5,10,15,20-tetraalkylporphyrin. <i>Chemical Communications</i> , 1999, , 2071-2072.	4.1	18
413	Novel aspects of the chemistry of 1,19-diunsubstituted a,c-biladienes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2003, 07, 585-592.	0.8	18
414	6-Azahemiporphycene: a further example of corrole metamorphosis. <i>Chemical Communications</i> , 2009, , 1580.	4.1	18

#	ARTICLE	IF	CITATIONS
433	Novel -substitution reactions of zinc(II) octaethylporphyrin. <i>Tetrahedron Letters</i> , 1977, 18, 3079-3082.	1.4	16
434	Protioacetylation of porphyrins and pyrroles: a new partial synthesis of dehydrocoproporphyrin (S411-porphyrin). <i>Journal of the Chemical Society Chemical Communications</i> , 1981, , 283.	2.0	16
435	Bile pigment studies—VI. <i>Tetrahedron</i> , 1983, 39, 1841-1847.	1.9	16
436	Determination by proton NMR of the orientation of modified hemes incorporated into horseradish peroxidase. Evidence for steric clamping of a vinyl group by the protein. <i>Journal of the American Chemical Society</i> , 1983, 105, 4576-4580.	13.7	16
437	Ring cleavage of chlorophyll derivatives: Isolation of oxochlorin intermediates and ring opening via a two oxygen molecule mechanism. <i>Tetrahedron Letters</i> , 1988, 29, 5707-5710.	1.4	16
438	Horse heart myoglobin reconstituted with a symmetrical heme A circular dichroism study. <i>Biophysical Chemistry</i> , 1990, 37, 251-255.	2.8	16
439	Proton NMR study of the molecular and electronic structure of paramagnetic iron chlorin complexes of myoglobin: dynamic heterogeneity of the heme pocket. <i>Journal of the American Chemical Society</i> , 1992, 114, 6513-6520.	13.7	16
440	Structural Investigations on Mono- and Di-Acrolein Substituted Ni(II) Porphyrins and a Ni(II) Benzochlorin. Model Compounds for Photosensitizers in Photodynamic Therapy. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1992, 47, 1189-1202.	0.7	16
441	Syntheses of oxygen analogues of sulfhemes-A and -C. <i>Tetrahedron</i> , 1996, 52, 1123-1148.	1.9	16
442	Comparative in vivo sensitizing efficacy of porphyrin and chlorin dimers joined with ester, ether, carbon—carbon or amide bonds. <i>Journal of Molecular Recognition</i> , 1996, 9, 118-122.	2.1	16
443	Vinyl group protection in porphyrins and chlorins: Organoselenium derivatives. <i>Tetrahedron Letters</i> , 1997, 38, 937-940.	1.4	16
444	Synthesis and characterization of a novel series of bis-linked diaza-18-crown-6 porphyrins. <i>New Journal of Chemistry</i> , 1998, 22, 621-626.	2.8	16
445	Bis-vinyllogous Corrole: The First Expanded Corrole. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 2577-2579.	13.8	16
446	Synthesis and characterization of a chiral nonplanar porphyrin. <i>Chemical Communications</i> , 2000, , 131-132.	4.1	16
447	Syntheses and some chemistry of stable isoporphyrin systems. <i>Journal of Porphyrins and Phthalocyanines</i> , 2002, 06, 607-616.	0.8	16
448	Near-IR absorption of porphyrin methylcarbocations. <i>Tetrahedron Letters</i> , 2003, 44, 7753-7756.	1.4	16
449	Synthesis and Electrochemistry of Undeca-substituted Metallo-benzoylbiliverdins. <i>Inorganic Chemistry</i> , 2006, 45, 1463-1470.	4.0	16
450	Synthesis and properties of <i>B</i> -cyano-BODIPYs. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 1409-1419.	0.8	16

#	ARTICLE	IF	CITATIONS
451	Oxyporphyrins. <i>Journal of the American Chemical Society</i> , 1966, 88, 4539-4541.	13.7	15
452	Synthesis of meso-pyridinium porphyrin salts. <i>Tetrahedron Letters</i> , 1976, 17, 4009-4012.	1.4	15
453	Mercuration reactions of porphyrins: new efficient syntheses of harderoporphyrin and isoharderoporphyrin. <i>Journal of the Chemical Society Chemical Communications</i> , 1980, , 217.	2.0	15
454	Bile pigment studies-VII New syntheses of biliverdin-IX β dimethyl ester and two related mono-vinyl-mono-ethyl isomers. <i>Tetrahedron</i> , 1984, 40, 1749-1754.	1.9	15
455	Dextran Sulfate as an Inhibitor against the Human Immunodeficiency Virus. <i>Experimental Biology and Medicine</i> , 1988, 189, 304-309.	2.4	15
456	Structure and conformation of photosynthetic pigments and related compounds. 1. Methyl mesopyropheophorbide a. <i>Zeitschrift für Kristallographie</i> , 1992, 199, 239-248.	1.1	15
457	Stepwise synthesis of 1,19-dibromo-a,c-biladienes and their conversion into biliverdins, corroles and azaporphyrins. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 183.	2.0	15
458	Chemical synthesis of a β -CSA-pyrrole and its reaction with Ehrlich's reagent. <i>Tetrahedron</i> , 1993, 49, 1343-1350.	1.9	15
459	New syntheses of biliverdins, corroles and azaporphyrins from 1,19-dibromo-ac-biladiene salts. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 971.	0.9	15
460	Benzoporphyrin derivatives: synthesis, structure and preliminary biological activity. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1994, , 961.	0.9	15
461	Synthesis of Novel Benzobacteriopurpurins by Diels-Alder Cycloaddition. <i>Chemistry Letters</i> , 1996, 25, 1119-1120.	1.3	15
462	Stabilization of neutral oxophlorin $\dot{\text{C}}$ -radicals by bulky meso-alkyl groups. <i>Chemical Communications</i> , 1997, , 215-216.	4.1	15
463	Syntheses of symmetrically substituted 5-alkyl- and 5-aryl-dihydrodipyrins and of porphyrins and bisporphyrins therefrom. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 1215-1228.	0.9	15
464	Novel products from bromination reactions of 5,10,15,20-tetraisopropylporphyrins. <i>Chemical Communications</i> , 1998, , 1687-1688.	4.1	15
465	Stereoselective in Vitro Formation of c-type Cytochrome Variants from <i>Hydrogenobacter thermophilus</i> Containing Only a Single Thioether Bond. <i>Journal of Biological Chemistry</i> , 2003, 278, 24308-24313.	3.4	15
466	b-Bilene to a,c-biladiene transformation during syntheses of isoporphyrins and porphyrins. <i>Chemical Communications</i> , 2007, , 2258.	4.1	15
467	Synthetic protocols for the nitration of corroles. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 1085-1092.	0.8	15
468	The Effect of pH on the Topography of Porphyrins in Lipid Membranes. <i>Photochemistry and Photobiology</i> , 2005, 81, 446.	2.5	15

#	ARTICLE	IF	CITATIONS
469	Ring cleavage of meso-tetraphenylporphyrin. <i>Tetrahedron Letters</i> , 1976, 17, 4863-4866.	1.4	14
470	Syntheses and Properties of meso-Methyl Porphyrins and Chlorins. <i>Heterocycles</i> , 1977, 7, 67.	0.7	14
471	Determination of substituent chemical shifts in the proton resonance spectra of the porphyrins. <i>Magnetic Resonance in Chemistry</i> , 1978, 11, 52-54.	0.7	14
472	Proton NMR study of the influence of heme vinyl groups on the formation of the isomeric forms of sulfmyoglobin. <i>FEBS Letters</i> , 1986, 206, 343-346.	2.8	14
473	Protoporphyrin-IX: Some Useful Substituent Manipulations. <i>Heterocycles</i> , 1987, 26, 1947.	0.7	14
474	Total syntheses of 8-formyl-8-demethylprotoporphyrin IX, 8-(hydroxymethyl)-8-demethylprotoporphyrin IX, and 8-fluoromethyl analogs of protoporphyrin IX. <i>Journal of Organic Chemistry</i> , 1989, 54, 3270-3281.	3.2	14
475	Syntheses, stability, and tumorcidal activity of porphyrin dimers and trimers with ether linkages. <i>Tetrahedron Letters</i> , 1990, 31, 7399-7402.	1.4	14
476	Efficient syntheses of new classes of regiochemically pure benzoporphyrin derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1993, 3, 2615-2618.	2.2	14
477	Reconstitution of horse heart myoglobin with hemins methylated at 6- or 7-positions: a circular dichroism study. <i>BBA - Proteins and Proteomics</i> , 1993, 1164, 133-137.	2.1	14
478	Catalytic properties of horseradish peroxidase reconstituted with the 8-(hydroxymethyl)- and 8-formylheme derivatives. <i>Biochemistry</i> , 1993, 32, 3658-3663.	2.5	14
479	Structure and conformation of photosynthetic pigments and related compounds. Part 6. The first crystal structure of a covalently-linked chlorin dimer: 20,20-ethylenbis(trans-2,3,7,8,12,13,17,18-octaethylchlorin). <i>Journal of the Chemical Society Perkin Transactions II</i> , 1993, , 11-16.	0.9	14
480	NMR spectra of the porphyrins. Part 42. The synthesis and aggregation behaviour of some chlorophyll analogues. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1993, , 1047.	0.9	14
481	Chlorosome Chlorophylls (Bacteriochlorophylls c, d, and e): Structures, Partial Syntheses, and Biosynthetic Proposals. , 2003, , 157-182.		14
482	The binding of analogs of porphyrins and chlorins with elongated side chains to albumin. <i>European Biophysics Journal</i> , 2009, 38, 847-855.	2.2	14
483	Bilirubinones from the chemical oxidation of dodecasubstituted porphyrins. <i>Tetrahedron</i> , 2010, 66, 63-67.	1.9	14
484	β -Pyrrolopyrazino Annulated Corroles via a Pictet-Spengler Approach. <i>Organic Letters</i> , 2016, 18, 3318-3321.	4.6	14
485	Syntheses and PDT activity of new mono- and di-conjugated derivatives of chlorin e ₆ . <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 354-363.	0.8	14
486	β -Acrolein-Substituted Corroles: A Route to the Preparation of Functionalized Polyacrolein Microspheres for Chemical Sensor Applications. <i>Chemistry - A European Journal</i> , 2017, 23, 14819-14826.	3.3	14

#	ARTICLE	IF	CITATIONS
487	$\hat{\text{I}}^2$ -Arylethynyl substituted silver corrole complexes. Dalton Transactions, 2019, 48, 13589-13598.	3.3	14
488	Iron-histidine stretching vibration in the deoxy state of insect hemoglobins with different O ₂ affinities and Bohr effects.. Journal of Biological Chemistry, 1985, 260, 12665-12669.	3.4	14
489	Syntheses of Regiospecifically Meso Functionalized Dipyrromethanes, Porphyrins, and Diphenylethane-linked Bisporphyrins. Heterocycles, 1995, 40, 131.	0.7	14
490	Assignments of the paramagnetically shifted methyl resonances in the nuclear magnetic resonance spectrum of iron(III) protophyrin-IX cyanide by selective deuteration. Journal of the Chemical Society Chemical Communications, 1974, , 392.	2.0	13
491	Orientation of nucleophilic substitution in $\hat{\text{I}}\epsilon$ -cation radicals or $\hat{\text{I}}\epsilon$ -dications from meso-substituted metalloporphyrins. Tetrahedron, 1977, 33, 629-633.	1.9	13
492	The specificity of biliverdin reductase. BBA - Proteins and Proteomics, 1984, 791, 350-356.	2.1	13
493	Aggregation of a bacteriochlorophyllide d: direct evidence for a nonsymmetric aggregate in solution. Journal of the American Chemical Society, 1985, 107, 1085-1087.	13.7	13
494	The influence of side chain modifications of the heme moiety on prosthetic acceptance and function of rat hepatic cytochrome P-450 and tryptophan pyrrolase. Archives of Biochemistry and Biophysics, 1986, 246, 63-74.	3.0	13
495	NMR spectra of porphyrins. 29. Conformation of the propionic ester side chain in chlorophyll derivatives. Journal of Organic Chemistry, 1987, 52, 176-180.	3.2	13
496	Solution deuterium NMR quadrupolar relaxation study of heme mobility in myoglobin. Journal of the American Chemical Society, 1989, 111, 481-485.	13.7	13
497	Syntheses of type-I porphyrins via monopyrrole tetramerization. Tetrahedron Letters, 1996, 37, 7177-7180.	1.4	13
498	Application of matrix-assisted laser desorption/ionization Fourier transform mass spectrometry to the analysis of planar porphyrins and highly substituted nonplanar porphyrins. European Journal of Mass Spectrometry, 1997, 3, 439.	0.7	13
499	Syntheses and Structural Properties of Severely Distorted Porphyrins: N-Methyl Derivatives. Heterocycles, 1997, 45, 651.	0.7	13
500	Biosynthesis and Structures of the Bacteriochlorophylls. , 1995, , 137-151.		13
501	Carbon-13 nuclear magnetic resonance spectra of porphin and some related compounds. Tetrahedron Letters, 1976, 17, 877-880.	1.4	12
502	Photosynthetic Energy Transduction. Advances in Chemistry Series, 1982, , 489-513.	0.6	12
503	The NMR spectra of porphyrins-25. Tetrahedron, 1984, 40, 3263-3272.	1.9	12
504	Controlled oxidation of bile pigments. Tetrahedron Letters, 1976, 17, 3837-3840.	1.4	11

#	ARTICLE	IF	CITATIONS
505	The NMR spectra of porphyrins ¹² . Tetrahedron, 1977, 33, 2277-2285.	1.9	11
506	Syntheses of protoporphyrin IX analogs bearing acetic and butyric side chains. Journal of Organic Chemistry, 1981, 46, 2189-2193.	3.2	11
507	meso(Methine) functionalization of octa-alkylporphyrins. Journal of the Chemical Society Perkin Transactions 1, 1981, , 2625.	0.9	11
508	Polyformylation of copper(II) complexes of octa-alkylporphyrins. Journal of the Chemical Society Perkin Transactions 1, 1982, , 581.	0.9	11
509	Stereochemistry of the bacteriochlorophyll-e homologues. Journal of the Chemical Society Chemical Communications, 1986, , 1682.	2.0	11
510	Haem-rotational disorder in monomeric allosteric cyano-Met insect haemoglobins monitored by resonance Raman spectroscopy. Journal of Molecular Biology, 1987, 194, 545-556.	4.2	11
511	NMR spectra of the porphyrins. Part 40. Self-aggregation in zinc(II) and nickel(II) 2-vinylphytylperyrins. Journal of the Chemical Society Perkin Transactions II, 1991, , 515.	0.9	11
512	Syntheses of cationic porphyrins and chlorins. Journal of the Chemical Society Chemical Communications, 1991, , 1637.	2.0	11
513	Chapter 6 The structure and biosynthesis of bacteriochlorophylls. New Comprehensive Biochemistry, 1991, , 237-255.	0.1	11
514	Structural evidence for nonplanar keto- and planar enol-forms of oxophlorins. Journal of the Chemical Society Chemical Communications, 1992, , 1108.	2.0	11
515	Synthesis and structure of a 5,15-bis(4-pyridyl)purpurin. Tetrahedron Letters, 1995, 36, 9093-9096.	1.4	11
516	Structure and Conformation of Photosynthetic Pigments and Related Compounds 9 On the Structure and Macrocycle Conformation of Two Copper(II) Rhodochlorin Derivatives and Two Related Rhodoporphyrins. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1995, 50, 969-981.	0.7	11
517	Nucleoside adducts of vinylporphyrins and vinylchlorins. Journal of the Chemical Society Perkin Transactions 1, 1996, , 1607.	0.9	11
518	Solution NMR Characterization of the Electronic Structure and Magnetic Properties of High-Spin Ferrous Heme in Deoxy Myoglobin from <i>Aplysialimacina</i> . Journal of the American Chemical Society, 2003, 125, 8494-8504.	13.7	11
519	BODIPY dyads from a,c-biladiene salts. Organic and Biomolecular Chemistry, 2017, 15, 7255-7257.	2.8	11
520	Approaches to β^2 -fused Porphyrinoporphyrins: Pyrrolo- and Dipyrromethaneporphyrins. Journal of Porphyrins and Phthalocyanines, 1997, 1, 201-212.	0.8	11
521	Resonance Raman investigation of CO-ligated monomeric insect hemoglobins. Direct evidence for reciprocal changes in iron-axial ligand bonds induced by allosteric transitions.. Journal of Biological Chemistry, 1986, 261, 8678-8685.	3.4	11
522	Porphyrin β^2 -keto-esters and their cyclisation to phaeoporphyrins. Journal of the Chemical Society Chemical Communications, 1972, .	2.0	10

#	ARTICLE	IF	CITATIONS
523	Novel mercury(II) porphyrins - III: Metal transfer during demellation of -tetraphenylporphyrinatomercury(II). Tetrahedron Letters, 1974, 15, 2227-2230.	1.4	10
524	Electrophilic deuteration of natural porphyrin derivatives. Journal of the Chemical Society Chemical Communications, 1979, , 1001.	2.0	10
525	Polyformylation of copper(II) porphyrins. Tetrahedron Letters, 1980, 21, 3747-3750.	1.4	10
526	The NMR spectra of porphyrinsâ€™19. Tetrahedron, 1982, 38, 2441-2449.	1.9	10
527	Functional reconstitution of rat liver cytochrome P-450 with mesohemin. Biochemical and Biophysical Research Communications, 1984, 121, 95-101.	2.1	10
528	Total syntheses of derivatives of protoporphyrin IX regioselectively labeled with carbon-13 in the methyls. Journal of Organic Chemistry, 1986, 51, 4667-4676.	3.2	10
529	N.m.r. Spectra of porphyrins. Part 35. An examination of the proposed models of the chlorophyll a dimer. Journal of the Chemical Society Perkin Transactions 1, 1988, , 2443.	0.9	10
530	The biosynthesis of the chromophore of phycocyanin. Pathway of reduction of biliverdin to phycocyanobilin. Biochemical Journal, 1989, 261, 259-263.	3.7	10
531	Assignment of proton hyperfine NMR resonances in metâ€™cyano monomer hemoglobin components from glycera dibranchiata using deuterium-labelled hemes. Inorganica Chimica Acta, 1990, 170, 157-159.	2.4	10
532	Very long-range isotope shifts in the proton NMR spectra of deuteriated haemins. Journal of the Chemical Society Chemical Communications, 1991, , 590.	2.0	10
533	Preparation and crystal structure of methyl [12â€™acetylâ€™ethyl]â€™bacteriopheophorbide d. â€™ A new bacteriochlorophyll derivative. Liebigs Annalen Der Chemie, 1991, 1991, 871-874.	0.8	10
534	Novel ligand orientations in pyridine and imidazole complexes of a highly substituted nonplanar porphyrin, and implications for the design of porphyrins as regio- and stereo-specific oxidation catalysts. Journal of the Chemical Society Chemical Communications, 1994, , 1843.	2.0	10
535	Structure and Conformation of Photosynthetic Pigments and Related Compounds, 8 [1] Molecular Structure of an Iron(III) Chlorophyll Derivative-Chloro(phytyochlorinato methyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 139-146.	0.7	10
536	Steric control of tautomerism in tetrapyrroles: iso-oxophlorins. Chemical Communications, 1996, , 1143.	4.1	10
537	Syntheses and unusual spectroscopic properties of novel ketobacteriopurpurins. Tetrahedron Letters, 1996, 37, 747-750.	1.4	10
538	Self-assembled zinc pheoporphyrin dimers. Models for the supramolecular antenna complexes of green photosynthetic bacteria?. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 1997, 53, 463-469.	3.9	10
539	Structural Consequences of Spin Conversion in a Sterically Encumbered Ni(II) Porphyrin. Journal of Physical Chemistry B, 1999, 103, 8643-8646.	2.6	10
540	Conformational landscape surfing induced by offâ€™on ï€™ï€™ stacking in a porphyrinâ€™quinone dyad. Chemical Communications, 2002, , 2982-2983.	4.1	10

#	ARTICLE	IF	CITATIONS
541	Hydrogen-bonding patterns in six derivatives of 2,4-dimethylpyrrole. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2005, 61, o537-o541.	0.4	10
542	Synthesis of 4,4- β -functionalized BODIPYs from dipyrins. <i>Tetrahedron Letters</i> , 2015, 56, 6348-6351.	1.4	10
543	The scope of the β -halogenation of triarylcorroles. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 465-474.	0.8	10
544	Extending the corrole ring conjugation: preparation of β , β -fused 2,3-[1,2,2'-b]pyrazinocorroles. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 2891-2897.	2.8	10
545	Reactions of trans-octaethylchlorin with thallium(II) trifluoroacetate. <i>Challenge</i> , 1971, , 1384.	0.4	9
546	Biosynthetic intermediates between coproporphyrinogen-III and protoporphyrin-IX. <i>Journal of the Chemical Society Chemical Communications</i> , 1973, , 183.	2.0	9
547	Pyrroles and related compounds. Part XXIII. Protoporphyrin-I. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1973, , 2478.	0.9	9
548	Stepwise synthesis of unsymmetrically substituted porphyrins: isocoproporphyrin. <i>Journal of the Chemical Society Chemical Communications</i> , 1975, , 111.	2.0	9
549	Bile pigment studies—III. <i>Tetrahedron</i> , 1977, 33, 2959-2964.	1.9	9
550	Fragmentation reactions of bilindiones. <i>Tetrahedron Letters</i> , 1977, 18, 3083-3086.	1.4	9
551	Crystal and molecular structure of a 4,5-dimethoxybilindione derived from etiobiliverdin-IV β : a possible model compound for the phytochrome chromophore. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1982, , 307-312.	0.9	9
552	Neighboring group participation in the pyrrole series. <i>Journal of Organic Chemistry</i> , 1983, 48, 4296-4302.	3.2	9
553	Structural and electronic properties of the liver fluke hemoglobin heme cavity by nuclear magnetic resonance: Hemin isotope labeling. <i>Journal of Molecular Biology</i> , 1987, 197, 101-110.	4.2	9
554	Protein-structural heterogeneity in a non-allosteric monomeric insect hemoglobin monitored by proton magnetic resonance spectroscopy. <i>FEBS Journal</i> , 1987, 168, 377-383.	0.2	9
555	Nuclear-magnetic-resonance investigation of the cooperative homodimeric hemoglobin from the mollusc <i>Scapharca inaequalvis</i> . Molecular and electronic structure of the cyano-met derivative. <i>FEBS Journal</i> , 1989, 184, 53-61.	0.2	9
556	A conformational study of diterpenoid lactones isolated from the chinese medicinal herb <i>andrographis paniculata</i> . <i>Journal of the Chemical Society Perkin Transactions II</i> , 1990, , 1011.	0.9	9
557	Ring syntheses of the four N-methylprotoporphyrin isomers and of related N-methyl and N,N-dimethylporphyrins. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1991, , 1211-1220.	0.9	9
558	Metal Complexes of Dioxo-porphyrins-Zinc(II) Complexes of 2,3,7,8,12,13,17,18-Octaethyl-5,15-dioxo-porphyrin and 5,15-Dioxo-etioporphyrin I. <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 1993, 48, 991-999.	0.7	9

#	ARTICLE	IF	CITATIONS
559	Ein Calix[4]arenoporphyrin. <i>Angewandte Chemie</i> , 1997, 109, 2604-2607.	2.0	9
560	Facile Synthesis of a Bis-linked Dioxocyclam Porphyrin. <i>Journal of Porphyrins and Phthalocyanines</i> , 1998, 02, 377-382.	0.8	9
561	Porphyrins with \hat{I}^2, \hat{I}^1 -fused five-membered rings. <i>Journal of Porphyrins and Phthalocyanines</i> , 2005, 09, 769-778.	0.8	9
562	Influence of Substrate Modification and C-Terminal Truncation on the Active Site Structure of Substrate-Bound Heme Oxygenase from <i>Neisseria meningitidis</i> . A1H NMR Study. <i>Biochemistry</i> , 2011, 50, 8823-8833.	2.5	9
563	Corrole and nucleophilic aromatic substitution are not incompatible: a novel route to 2,3-difunctionalized copper corrolates. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6611-6618.	2.8	9
564	Concerning meso-tetraphenylporphyrin purification. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1975, , 1401-3.	0.9	9
565	Iron-histidine stretching vibration in the deoxy state of insect hemoglobins with different O ₂ affinities and Bohr effects. <i>Journal of Biological Chemistry</i> , 1985, 260, 12665-9.	3.4	9
566	On the mass spectra of thallium(III) porphyrin chelates. <i>Organic Mass Spectrometry</i> , 1972, 6, 1401-1402.	1.3	8
567	A search for CP-violating effects in the decays $K^{\pm} \rightarrow \pi^{\pm} e^+ e^-$. <i>Nuclear Physics B</i> , 1973, 60, 411-418.	2.5	8
568	Bile pigment studies. Part 5. Some fragmentation reactions of bilindiones (bilitrienes). <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1979, , 544.	0.9	8
569	Synthetic approaches to versatile hemoprotein model compounds built from porphyrins and peptides. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1982, , 1441.	0.9	8
570	Syntheses of some proposed biosynthetic precursors to the isocyclic ring in chlorophyll a. <i>Journal of Organic Chemistry</i> , 1986, 51, 657-666.	3.2	8
571	Isobacteriochlorophyll b analogs from photoreduction of metallochlorins. <i>Journal of the American Chemical Society</i> , 1986, 108, 6834-6835.	13.7	8
572	Syntheses of chlorins from unsymmetrically substituted iron porphyrins. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1988, , 3119.	0.9	8
573	Biosynthesis of bacteriochlorophyll-c via the glutamate C-5 pathway in <i>Chloroflexus aurantiacus</i> . <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 1696.	2.0	8
574	Partial syntheses of the isomerically pure magnesium(II) protoporphyrin IX monomethyl esters, and their identification. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1991, , 1781.	0.9	8
575	REGIOSELECTIVE PHOTOREDUCTION OF ZINC(II) PORPHYRINS TO GIVE CHLORINS. <i>Photochemistry and Photobiology</i> , 1991, 54, 335-343.	2.5	8
576	Photosensitization Outbreak in Shorthorn Calves in Missouri. <i>Journal of Veterinary Diagnostic Investigation</i> , 1991, 3, 180-182.	1.1	8

#	ARTICLE	IF	CITATIONS
577	A novel 2,18-bridged biliverdin derivative. <i>Journal of the Chemical Society Chemical Communications</i> , 1993, , 872.	2.0	8
578	Planare Bischlorophyllderivate mit vollständig konjugiertem π -System – Modellverbindungen für das Spezialpaar der Photosynthese. <i>Angewandte Chemie</i> , 1996, 108, 1982-1984.	2.0	8
579	Selbstorganisation kovalent verbrückter, supramolekularer Verbindungen mit definierter Struktur: die bemerkenswerte Redoxreaktivität 15-meso-substituierter 5-Oxoporphyrine. <i>Angewandte Chemie</i> , 1996, 108, 2657-2660.	2.0	8
580	Effect of central metal substitution on linear dichroism of porphyrins: evidence of out-of-plane transition moments. <i>Biophysical Chemistry</i> , 1997, 69, 71-84.	2.8	8
581	Alternate Syntheses Of Pyrromethanes And Porphyrins Using Acid-Modified Montmorillonite K-10 Clay. <i>Synthetic Communications</i> , 1999, 29, 1843-1855.	2.1	8
582	Palladium(0) catalyzed 2,2'-bipyrrole syntheses. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 433-440.	0.8	8
583	Syntheses of meso-Azachlorins and meso-Azabacteriochlorins. <i>Heterocycles</i> , 1994, 39, 439.	0.7	8
584	Macrocycles Containing Five Pyrrole Subunits: The Iso-oxopentaphyrin System. <i>Heterocycles</i> , 1998, 47, 113.	0.7	8
585	Syntheses and Investigations of Conformationally Restricted, Linker-Free β -Amino Acid-BODIPYs via Boron Functionalization. <i>Journal of Organic Chemistry</i> , 2021, 86, 18030-18041.	3.2	8
586	Crystal and molecular structure of 3,8,12-triethyl-14-formyl-2,7,13-trimethyl-1(15H)-tripyrinone, a tripyrrolic aldehyde derived from aetiobiliverdin-IV?. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1978, , 259.	0.9	7
587	Evidence for dimer formation of nitrosyl(meso-2,3,7,8,12,13,17,18-octaethyl-5-nitroporphyrinato)iron(II) and its implication in the interpretation of the electron spin resonance spectrum of the nitrosyl-haemoglobin-salicylate system. <i>Journal of the Chemical Society Dalton Transactions</i> , 1981, , 1726-1728.	1.1	7
588	Syntheses of monofunctional porphyrinyl peptides containing glycine and leucine. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1981, , 2065.	0.9	7
589	Proton NMR study of the conformation of ring D and its side chains in chlorophyll derivatives. <i>Tetrahedron Letters</i> , 1981, 22, 4873-4876.	1.4	7
590	Syntheses of biliverdins (bilin-1,19-diones) from a,c-biladienes and b-bilenes. <i>Journal of the Chemical Society Chemical Communications</i> , 1982, , 888.	2.0	7
591	Syntheses of heme d models. <i>Journal of the American Chemical Society</i> , 1984, 106, 5746-5748.	13.7	7
592	Chromatography of chlorophylls and bacteriochlorophylls. <i>Talanta</i> , 1986, 33, 963-971.	5.5	7
593	Synthetic and biosynthetic studies of porphyrins. Part 10. Syntheses of porphyrins with acetic, propionic, and butyric acid side-chains for biosynthetic studies. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1987, , 299.	0.9	7
594	An anomalous dipyrrole product from attempted synthesis of a tetraarylporphyrin. <i>Journal of Organic Chemistry</i> , 1988, 53, 5847-5849.	3.2	7

#	ARTICLE	IF	CITATIONS
595	Partial syntheses of messel oil shale bacterioporphyrins from the bacteriochlorophylls-d. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1989, , 188.	0.9	7
596	A novel biliverdin with an inverted pyrrole subunit. <i>Tetrahedron Letters</i> , 1994, 35, 8995-8998.	1.4	7
597	Modeling the bonding changes in chlorophyll cation radicals: resonance Raman spectroscopy of nickel(II) methyl pyropheophorbide a. <i>Inorganica Chimica Acta</i> , 1996, 252, 179-184.	2.4	7
598	New chemistry of porphyrin β -ketoesters: synthesis of a novel covalently-linked dimer. <i>Chemical Communications</i> , 1997, , 819-820.	4.1	7
599	¹ H and ¹³ C NMR Investigation of the Influence of Nonligated Residue Contacts on the Heme Electronic Structure in Cyanometmyoglobin Complexes Reconstituted with Centro- and Pseudocentrosymmetric Hemins. <i>Journal of the American Chemical Society</i> , 2001, 123, 10063-10070.	13.7	7
600	β -Cyano meso-unsubstituted porphyrins for intramolecular charge transfer. <i>Tetrahedron Letters</i> , 2003, 44, 6103-6105.	1.4	7
601	Diels-Alder reactions of pyrrolo[3,4-b]porphyrins. <i>Tetrahedron Letters</i> , 2005, 46, 7321-7324.	1.4	7
602	Syntheses, Spectroscopic Properties, and Computational Study of (<i>E</i>)-Ethenyl and Ethynyl-Linked BODIPYs. <i>Journal of Physical Chemistry A</i> , 2018, 122, 6256-6265.	2.5	7
603	Syntheses of porphyrins isolated from the Coral Sea demosponge <i>Corallistes</i> sp.. <i>Arkivoc</i> , 2002, 2002, 264-278.	0.5	7
604	Novel synthesis of deuteriated derivatives of protoporphyrin-IX. <i>Challenge</i> , 1971, , 1304.	0.4	6
605	Coproporphyrin-III from protoporphyrin-IX. <i>Journal of the Chemical Society Chemical Communications</i> , 1972, , 1347.	2.0	6
606	Pyrroles and related compounds. Part XXXI. Porphyrin ketones. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1974, , 531.	0.9	6
607	NMR Study of anion exchange in some thallium(III) reagents. <i>Tetrahedron Letters</i> , 1975, 16, 1999-2002.	1.4	6
608	Reaction of Magnesium Porphyrinates in Polymers Containing Imidazole. <i>Angewandte Chemie International Edition in English</i> , 1976, 15, 551-552.	4.4	6
609	Reaktionen von Magnesiumporphyrinaten in imidazol α haltigen Polymeren. <i>Angewandte Chemie</i> , 1976, 88, 616-616.	2.0	6
610	Synthesis and Reactions of Some Acetal Derivatives of Formylpyrroles. <i>Synthesis</i> , 1976, 1976, 464-467.	2.3	6
611	Studies of spiro-chlorin formation using porphyrin amides. <i>Journal of Heterocyclic Chemistry</i> , 1980, 17, 481-487.	2.6	6
612	Convenient Synthesis of <i>tert</i> -Butyl Pyrrole-2-carboxylates from 2-Methylpyrroles. <i>Synthesis</i> , 1980, 1980, 493-495.	2.3	6

#	ARTICLE	IF	CITATIONS
613	Concentration- and solvent-dependent electron spin resonance signals and dimer formation of high-spin iron(III) porphyrins. <i>Journal of the Chemical Society Dalton Transactions</i> , 1980, , 526.	1.1	6
614	Neighboring group participation by the pyrrole nucleus. <i>Tetrahedron Letters</i> , 1981, 22, 1291-1294.	1.4	6
615	Syntheses of isomers of protoporphyrinâ€”IX with permuted propionic sideâ€”chains. <i>Journal of Heterocyclic Chemistry</i> , 1985, 22, 1041-1044.	2.6	6
616	Total syntheses of N-methylprotoporphyrins-IX. <i>Tetrahedron Letters</i> , 1986, 27, 2717-2720.	1.4	6
617	Cyclizations of terminally substituted a,c-biladiene salts to give meso-substituted porphyrins. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1987, , 1229.	0.9	6
618	Site-specific reduction of unsymmetrically substituted porphyrins to give isomerically pure chlorins. <i>Journal of the Chemical Society Chemical Communications</i> , 1987, , 613.	2.0	6
619	N.m.r. spectra of porphyrins. Part 37. The structure of the methyl pyrochlorophyllide a dimer. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1989, , 1633.	0.9	6
620	Novel peripheral substituent migration reactions in tetrapyrrole macrocycles. <i>Tetrahedron Letters</i> , 1990, 31, 2685-2688.	1.4	6
621	Synthesis of oxygen analogues of the sulfchlorins. <i>Tetrahedron Letters</i> , 1990, 31, 3853-3856.	1.4	6
622	Structure and conformation of photosynthetic pigments and related compounds. 4. Two crystal forms of a chlorin - rhodochlorin XV dimethyl ester. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1992, 48, 1810-1815.	0.4	6
623	Syntheses, structure, properties and chemistry of 1,1-di(pyrrolyl)ethenes. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, , 791.	2.0	6
624	Synthese und Charakterisierung von Bischlorinen â€” McMurryâ€”Reaktion von Formylchlorinen. <i>Angewandte Chemie</i> , 1996, 108, 1085-1087.	2.0	6
625	A novel synthetic route to fused propenochlorin and benzochlorin photodynamic therapy probes. <i>Chemical Communications</i> , 2002, , 1172-1173.	4.1	6
626	Copper I^2 -trinitrocorrolates. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013, 17, 440-446.	0.8	6
627	The interaction of a I^2 -fused isoindolineâ€”porphyrin conjugate with nucleic acids. <i>New Journal of Chemistry</i> , 2016, 40, 5662-5665.	2.8	6
628	Determination of the activation energies for ND tautomerism and anion exchange in a porphyrin monocation. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 307-317.	0.8	6
629	Moving corrole towards a red-record: synthesis of I^2 -acrolein Ga and Cu corroles using the Vilsmeier reaction. <i>New Journal of Chemistry</i> , 2018, 42, 8200-8206.	2.8	6
630	Linkerâ€”Free Nearâ€”IR Azaâ€”BODIPYâ€”Glutamine Conjugates Through Boron Functionalization. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 971-977.	2.4	6

#	ARTICLE	IF	CITATIONS
631	Resonance Raman investigation of CO-ligated monomeric insect hemoglobins. Direct evidence for reciprocal changes in iron-axial ligand bonds induced by allosteric transitions. <i>Journal of Biological Chemistry</i> , 1986, 261, 8678-85.	3.4	6
632	Synthesis of b Buchananine, a novel pyridine alkaloid. <i>Journal of Organic Chemistry</i> , 1980, 45, 4999-5000.	3.2	5
633	The phototransformation of phytochrome probed by 360 MHz proton NMR spectra. <i>Biochemical and Biophysical Research Communications</i> , 1982, 105, 279-287.	2.1	5
634	Functionalization of Alkyl Substituents in Octaalkylporphyrins. <i>Synlett</i> , 1990, 1990, 579-581.	1.8	5
635	Synthesis and characterization of models for the bilin catabolites of chlorophylls using metallo- β -oxochlorins and -benzo[<i>a</i>]chlorins: comparison of macrocycle cleavage versus meso-oxochlorin formation. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995, , 705-714.	0.9	5
636	Syntheses of some β -substituted alkyne porphyrins related to protoporphyrin-IX. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1996, , 1601-1606.	0.9	5
637	ANOMALOUS ELECTROPHILIC SUBSTITUTION REACTIONS IN 3,3'-LINKED DIPYRROMETHANES. <i>Heterocyclic Communications</i> , 1996, 2, .	1.2	5
638	Structure and Conformation of Photosynthetic Pigments and Related Compounds. 10. Comparison of a Phytychlorin and Phytoporphyrin Derived from Chlorophylla. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 1997, 53, 1314-1318.	0.4	5
639	Do Liposome-binding Constants of Porphyrins Correlate with Their Measured and Predicted Partitioning Between Octanol and Water? <i>Photochemistry and Photobiology</i> , 2007, 76, 127-134.	2.5	5
640	Efficient synthesis and reactions of 1,2-dipyrrolylethynes. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 412-420.	0.8	5
641	3-NO ₂ -5,10,15-triarylcorrolo-Cu as a versatile platform for synthesis of novel 3-functionalized corrole derivatives. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 6200-6207.	2.8	5
642	Grafting Copper and Gallium Corroles onto Zinc Oxide Nanoparticles. <i>ChemPlusChem</i> , 2019, 84, 154-160.	2.8	5
643	Synthesis and investigation of BODIPYs with restricted <i>meso</i> -8-aryl rotation. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 869-877.	0.8	5
644	Effectiveness of a lysyl chlorin β /chlorin β mixture in photodynamic therapy of the subcutaneous 9L glioma in the rat. <i>Cancer Research</i> , 1992, 52, 1235-9.	0.9	5
645	Molecular relaxation processes in poly(N-acryloyl-10,11-dihydrodibenz [b, f]azepine). <i>Polymer</i> , 1978, 19, 51-56.	3.8	4
646	Recent studies on the chlorobium chlorophylls (Bacteriochlorophylls-C). <i>International Journal of Biochemistry & Cell Biology</i> , 1980, 12, 695-700.	0.5	4
647	On the partial synthesis of optically pure bacteriopheophorbides -C and -D. <i>Tetrahedron Letters</i> , 1980, 21, 1101-1104.	1.4	4
648	The isomeric biliverdins from ring-cleavage of deuteroporphyrin-IX. <i>Biochemical and Biophysical Research Communications</i> , 1980, 97, 1370-1375.	2.1	4

#	ARTICLE	IF	CITATIONS
649	Nickel(II)-promoted rearrangements of some N-substituted porphyrins. Journal of the Chemical Society Chemical Communications, 1986, , 1498.	2.0	4
650	Cyclizations of Some Terminally Substituted a,c-Biladienes. Synthetic Communications, 1986, 16, 929-934.	2.1	4
651	Structure and conformation of photosynthetic pigments and related Compounds. Zeitschrift Fur Kristallographie - Crystalline Materials, 1992, 199, 239-248.	0.8	4
652	Total synthesis of new porphyrins isolated from the coral sea demosponge corallistes sp.. Tetrahedron Letters, 1994, 35, 8093-8096.	1.4	4
653	Regioselective syntheses and some in vivo properties of α -benzochlorin α -analogues prepared from methyl 9-deoxymesoporphorbide. Bioorganic and Medicinal Chemistry Letters, 1995, 5, 857-860.	2.2	4
654	Synthesis, Solution, Molecular and Crystal Structure of Bis[5-(coproporphyrinato-I) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (tetraet Sciences, 1996, 51, 1644-1648.	0.7	4
655	A convenient synthetic approach to 8-vinyl-chlorophyll derivatives. Tetrahedron Letters, 1996, 37, 5431-5434.	1.4	4
656	Pyrroles and related compounds. 33. Total synthesis of deuteriated derivatives of protoporphyrin-IX for nuclear magnetic resonance studies of haemoproteins. Journal of the Chemical Society Perkin Transactions 1, 1974, 0, 1771-81.	0.9	4
657	Electron spin resonance evidence for dimer formation in high spin iron(III)-octaethylporphyrin and iron(III)-meso-nitro-octaethylporphyrin in solution. Journal of the Chemical Society Chemical Communications, 1978, , 906.	2.0	3
658	Novel proton NMR characterized structures for chlorophyll and aggregates in solution.. Tetrahedron Letters, 1983, 24, 2681-2684.	1.4	3
659	NMR spectra of porphyrins. 2δ conjugation versus steric repulsions in a planar chiral meso-Aminoporphyrin. Magnetic Resonance in Chemistry, 1984, 22, 771-774.	0.7	3
660	Nuclear magnetic resonance spectra of porphyrins. Part 33. Ring currents in nickel(II) hydroporphyrins derived from anhydromesorhodoporphyrin XV. Journal of the Chemical Society Perkin Transactions II, 1988, , 1365.	0.9	3
661	Spectroelectrochemical titrations and cyclic voltammetry of methyl pheophorbide in acid: Possible role of pheophytin enol iminium in the primary process of PS II. Bioelectrochemistry, 1991, 25, 415-424.	1.0	3
662	<title>Synthetic approaches to long-wavelength photosensitizers for photodynamic therapy</title>. , 1991, , .		3
663	Oxoporphyrins α €“ The Molecular Structure of 5,15-Dioxo-2,3,7,8,12,13,17,18-octaethyl-porphodimethene-thallium(III) Chloride. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1992, 47, 837-841.	0.7	3
664	8,12-Diethyl-2,3,7,13,17,18-hexamethyl-20-phenylporphyrin. Acta Crystallographica Section C: Crystal Structure Communications, 1992, 48, 581-583.	0.4	3
665	AGGREGATION OF 2,3- α DIHYDROXY α €TIOCHLORIN I. AN AMPHIPHILIC MODEL COMPOUND FOR PHOTODYNAMIC THERAPY AND GREEN HEME <i>d</i>. Photochemistry and Photobiology, 1993, 58, 748-752.	2.5	3
666	Synthesis of the 6,7-bis[2-methoxycarbonyl(1,1- dideutero)-ethyl] derivative of protoporphyrin IX dimethyl ester. , 2000, 04, 185-191.		3

#	ARTICLE	IF	CITATIONS
667	The Total Synthesis of Pyrrole Pigments 1973-1980. Total Synthesis of Natural Products, 2007, , 237-280.	0.1	3
668	The Effect of pH on the Topography of Porphyrins in Lipid Membranes [†] . Photochemistry and Photobiology, 2005, 81, 446-451.	2.5	3
669	Role of Propionates in Substrate Binding to Heme Oxygenase from <i>Neisseria meningitidis</i> : A Nuclear Magnetic Resonance Study. Biochemistry, 2012, 51, 7054-7063.	2.5	3
670	Synthesis and functionalization of β^2 -alkyl-meso-triarylcorroles. Journal of Porphyrins and Phthalocyanines, 2015, 19, 865-873.	0.8	3
671	Micro-Environmental Effects on Photosynthetic Chromophores. Springer Series in Biophysics, 1990, , 367-376.	0.4	3
672	Experimental, Structural and Theoretical Models of Bacteriochlorophylls a, d and g. Springer Series in Chemical Physics, 1985, , 324-338.	0.2	3
673	Investigations on the Synthesis, Reactivity, and Properties of Perfluoro β -Benzo α -Fused BOPHY Fluorophores. Chemistry - A European Journal, 2022, 28, .	3.3	3
674	Anomalous Cyclization of 1, 19-Dimethyl-A, C-Biladienes: Direct Synthesis of <i>meso</i> -Aminoporphyrin Derivatives. Synthetic Communications, 1985, 15, 75-79.	2.1	2
675	Consequences of Electron Transfer in Chlorophylls, Chlorins, and Porphyrins. ACS Symposium Series, 1986, , 51-58.	0.5	2
676	Bis[(anhydro-meso-rhodochlorinato-XV methyl ester)zinc(II)]. Acta Crystallographica Section C: Crystal Structure Communications, 1997, 53, 1022-1024.	0.4	2
677	The polymer-supported MacDonald-type porphyrin synthesis: coupling of two dissimilar dipyrromethanes. Tetrahedron Letters, 2000, 41, 7423-7426.	1.4	2
678	Studies on <i>Pseudomonas aeruginosa</i> Nitrite reductase: The association and dissociation reactions of the d1-heme. Israel Journal of Chemistry, 2000, 40, 27-33.	2.3	2
679	Chemical Manipulation of the Vinyl Groups in Protoporphyrin-IX. Advances in Experimental Medicine and Biology, 1985, 193, 277-292.	1.6	2
680	Alternate Reaction Center Acceptors: Spectral Signatures and Redox Properties of Pheoporphyrin, Zinc and Copper Bacteriochlorin Anion Radicals. , 1996, , 369-380.		2
681	Syntheses of protoporphyrin-IX derivatives bearing extended propionate side-chains. Arkivoc, 2010, 2010, 5-16.	0.5	2
682	The Effect of pH on the Topography of Porphyrins in Lipid Membranes. Photochemistry and Photobiology, 2004, 81, 446-51.	2.5	2
683	Kinetic vs Thermodynamic Product Distributions of Macrocyclic Tetrapyrrole Cyclization Products from 1,19-Disubstituted A,C-Biladiene Salts. Heterocycles, 1994, 37, 207.	0.7	2
684	Pyrroles and related compounds. 29. Vinylporphyrin beta-keto-esters. Journal of the Chemical Society Perkin Transactions 1, 1974, 4, 516-27.	0.9	2

#	ARTICLE	IF	CITATIONS
685	Syntheses of isotopically labelled derivatives of protoporphyrin-IX for spectroscopic and biosynthetic studies. International Journal of Biochemistry & Cell Biology, 1980, 12, 689-694.	0.5	1
686	Spectroelectrochemical titrations and cyclic voltammetry of methyl pheophorbide in acid: Possible role of pheophytin enol iminium in the primary process of PS II. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1991, 320, 415-424.	0.1	1
687	<title>Syntheses of porphyrin and chlorin dimers for photodynamic therapy</title>. , 1991, 1426, 356.		1
688	<title>Improved photosensitizers for photodynamic therapy</title>. , 1992, , .		1
689	3,8-Diethynyl-3,8-devinylprotoporphyrin IX dimethyl ester and its haemin. Journal of the Chemical Society Chemical Communications, 1993, , 1054.	2.0	1
690	Molecular Structure of the Copper(II) Complex of 20-Methoxy-mesoporphyrin IX Dimethyl Ester â€“ A Model for the Enol-Form of Oxophlorins. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1993, 48, 821-825.	0.7	1
691	Syntheses of Tetrapyrroles. , 0, , 13-38.		1
692	Formation of chlorins and <i>meso</i> -substituted porphyrins through intramolecular nitrogen-carbon migration of <i>N</i> -substituted porphyrins. Journal of Porphyrins and Phthalocyanines, 2008, 12, 131-141.	0.8	1
693	The McMurry Reaction in Porphyrinoid Chemistry. Topics in Heterocyclic Chemistry, 2013, , 1-34.	0.2	1
694	Synthesis and characterization of a \hat{I}^2 -fused tetraporphyrin-phthalocyanine star-shaped array. Journal of Porphyrins and Phthalocyanines, 2016, 20, 1256-1263.	0.8	1
695	Joining Chromophores: a Porphyrin-BPI Fused System. European Journal of Organic Chemistry, 2019, 2019, 655-659.	2.4	1
696	Synthesis and cellular properties of a ¹³¹ I-substituted chlorin e6-nevirapine conjugate. Journal of Porphyrins and Phthalocyanines, 2021, 25, 696-702.	0.8	1
697	Syntheses of protoporphyrin-IX derivatives bearing extended propionate side-chains. Arkivoc, 2009, 2010, 5-16.	0.5	1
698	High-field, proton-nuclear magnetic resonance study of hydration in concentrated solutions of monosaccharides. Carbohydrate Research, 1982, 106, 160-165.	2.3	0
699	Syntheses of protoporphyrin-IX regioselectively carbon-13 labelled at the alpha-vinyl carbons. Journal of Labelled Compounds and Radiopharmaceuticals, 1986, 23, 73-82.	1.0	0
700	Meso-exchange in metallo-octaethylporphyrins. Tetrahedron Letters, 1987, 28, 5453-5456.	1.4	0
701	<title>In-vivo NMR studies of deuterium-labeled photosensitizers in mice tumor model</title>. , 1993, 1881, 325.		0
702	Oxidative Cyclization of a, c-Biladienes: the Role of the Metal Ion. , 1998, 02, 363-368.		0

#	ARTICLE	IF	CITATIONS
703	New water-soluble phthalocyanines and other terapyrroles for application in photodynamic therapy. , 2005, , .		0
704	Porphyrins with Fused Exocyclic Rings. ChemInform, 2005, 36, no.	0.0	0
705	Carboranylcorroles.. ChemInform, 2005, 36, no.	0.0	0
706	Ethyl 4-benzyloxycarbonyl-5-[2,2-bis(benzyloxycarbonyl)vinyl]-3-methylpyrrole-2-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2006, 62, o4660-o4662.	0.2	0
707	The Role of the Peripheral Benzodiazepine Receptor in the Apoptotic Response to Photodynamic Therapy. Photochemistry and Photobiology, 2007, 74, 346-349.	2.5	0
708	(Invited) Electroreduction of Iron and Free-Base Nitrocorroles in Non-Aqueous Media. ECS Meeting Abstracts, 2012, , .	0.0	0
709	Syntheses and chemistry of porphyrins. Journal of Porphyrins and Phthalocyanines, 2000, 4, 319-324.	0.8	0
710	Reactivity of Zinc(II) 5-Oxoniaporphyrin-IX: Synthesis of the First 5-Oxonia-15-phlorin. Heterocycles, 1999, 50, 641.	0.7	0