Mathias O Senge

List of Publications by Year
in descending order

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393 papers	13,483 citations	22153 59 h-index	38395 95 g-index
461 all docs	461 docs citations	461 times ranked	10092 citing authors

#	Article	IF	Citations
1	Oneâ€Photon and Twoâ€Photon Photophysical Properties of Tetrafunctionalized 5,10,15,20â€tetrakis(mâ€hydroxyphenyl)chlorin (Temoporfin) Derivatives as Potential Twoâ€Photonâ€Induced Photodynamic Therapy Agents. ChemPhotoChem, 2022, 6, .	3.0	8
2	Fundamental electronic changes upon intersystem crossing in large aromatic photosensitizers: free base 5,10,15,20-tetrakis(4-carboxylatophenyl)porphyrin. Physical Chemistry Chemical Physics, 2022, 24, 7505-7511.	2.8	6
3	Importance of molecular symmetry for enantiomeric excess recognition by NMR. Chemical Communications, 2022, 58, 5423-5426.	4.1	1
4	Structural, Photophysical, and Photobiological Studies on BODIPYâ€Anthracene Dyads. ChemPhotoChem, 2021, 5, 131-141.	3.0	8
5	An Insight into Nonâ€Covalent Interactions on the Bicyclo[1.1.1]pentane Scaffold. European Journal of Organic Chemistry, 2021, 2021, 1113-1122.	2.4	8
6	Investigation of the Reactivity of 1-Azido-3-iodobicyclo[1.1.1]pentane under â€œClickâ€•Reaction Conditions. Journal of Organic Chemistry, 2021, 86, 1238-1245.	3.2	5
7	Dipyrrinatoâ€Iridium(III) Complexes for Application in Photodynamic Therapy and Antimicrobial Photodynamic Inactivation. Chemistry - A European Journal, 2021, 27, 6440-6459.	3.3	35
8	Elucidating Atropisomerism in Nonplanar Porphyrins with Tunable Supramolecular Complexes. Chemistry - A European Journal, 2021, 27, 331-339.	3.3	11
9	Porphyrinoids for Photodynamic Therapy. RSC Smart Materials, 2021, , 252-291.	0.1	4
10	The shape of porphyrins. Coordination Chemistry Reviews, 2021, 431, 213760.	18.8	116
11	Strategic Synthesis of â€˜Picket Fenceâ€™ Porphyrins Based on Nonplanar Macrocycles**. European Journal of Organic Chemistry, 2021, 2021, 1871-1882.	2.4	6
12	Crystal structures of 4-bromo-2-formyl-1-tosyl-1H-pyrrole, (E)-4-bromo-2-(2-nitrovinyl)-1-tosyl-1H-pyrrole and 6-(4-bromo-1-tosylpyrrol-2-yl)-4,4-dimethyl-5-nitrohexan-2-one. Acta Crystallographica Section E: Crystallographic Communications, 2021, 77, 341-345.	0.5	3
13	Quantitative Structureâ€Property Relationship Modelling for the Prediction of Singlet Oxygen Generation by Heavyâ€Atomâ€Free BODIPY Photosensitizers**. Chemistry - A European Journal, 2021, 27, 9934-9947.	3.3	19
14	Conformational Design of Enzyme-like Porphyrin Binding Pockets for Catalysis and Sensing. ECS Meeting Abstracts, 2021, MA2021-01, 783-783.	0.0	0
15	The human tRNA-guanine transglycosylase displays promiscuous nucleobase preference but strict tRNA specificity. Nucleic Acids Research, 2021, 49, 4877-4890.	14.5	8
16	Structural effects of meso-halogenation on porphyrins. Beilstein Journal of Organic Chemistry, 2021, 17, 1149-1170.	2.2	2
17	2D Porphyrinic Metal-Organic Frameworks Featuring Rod-Shaped Secondary Building Units. Molecules, 2021, 26, 2955.	3.8	5
18	Development of Antimicrobial Laser-Induced Photodynamic Therapy Based on Ethylcellulose/Chitosan Nanocomposite with 5,10,15,20-Tetrakis(m-Hydroxyphenyl)porphyrin. Molecules, 2021, 26, 3551.	3.8	23

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19	Synthesis and Properties of BODIPY Appended Tetraphenylethylene Scaffolds as Photoactive Arrays. European Journal of Organic Chemistry, 2021, 2021, 4136-4143.	2.4	9
20	Thiourea Organocatalysts as Emerging Chiral Pollutants: En Route to Porphyrin-Based (Chir)Optical Sensing. Chemosensors, 2021, 9, 278.	3.6	3
21	Classic highlights in porphyrin and porphyrinoid total synthesis and biosynthesis. Chemical Society Reviews, 2021, 50, 4730-4789.	38.1	101
22	Nucleophilic Aromatic Substitution (S_NAr) and Related Reactions of Porphyrinoids: Mechanistic and Regiochemical Aspects. European Journal of Organic Chemistry, 2021, 2021, 7-42.	2.4	24
23	Surface-confined formation of conjugated porphyrin-based nanostructures on Ag(111). Nanoscale, 2021, 13, 19884-19889.	5.6	4
24	Enantioselective Discrimination of Histidine by Means of an Achiral Cubane-Bridged Bis-Porphyrin. Langmuir, 2021, 37, 13882-13889.	3.5	2
25	Steric Repulsion Induced Conformational Switch in Supramolecular Structures. Chemistry - A European Journal, 2021, , .	3.3	3
26	Core Modulation of Porphyrins for Chemical Sensing. , 2021, 5, .		0
27	Bridging and Conformational Control of Porphyrin Units through Nonâ€Traditional Rigid Scaffolds. Chemistry - A European Journal, 2020, 26, 2405-2416.	3.3	7
28	Ethynylphenyl-Derivatized Free Base Porphyrins: Anodic Oxidation Processes and Covalent Grafting onto Glassy Carbon Electrodes. Langmuir, 2020, 36, 96-108.	3.5	4
29	Ligand-Targeted Delivery of Photosensitizers for Cancer Treatment. Molecules, 2020, 25, 5317.	3.8	50
30	Weak Interactions and Conformational Changes in Core-Protonated A2- and Ax-Type Porphyrin Dications. Molecules, 2020, 25, 3195.	3.8	10
31	Synthesis and Structure of mesoâ€Substituted Dibenzihomoporphyrins. European Journal of Organic Chemistry, 2020, 2020, 6489-6496.	2.4	7
32	Targeted Synthesis of Regioisomerically Pure Dodecasubstituted Type I Porphyrins through the Exploitation of Peri-interactions. Journal of Organic Chemistry, 2020, 85, 7603-7610.	3.2	2
33	Graphene Oxide Functionalized with Cationic Porphyrins as Materials for the Photodegradation of Rhodamine B. Journal of Physical Chemistry C, 2020, 124, 15769-15780.	3.1	29
34	Porphyrins as Colorimetric and Photometric Biosensors in Modern Bioanalytical Systems. ChemBioChem, 2020, 21, 1793-1807.	2.6	45
35	Exploring the relationship between structure and activity in BODIPYs designed for antimicrobial phototherapy. Organic and Biomolecular Chemistry, 2020, 18, 2416-2431.	2.8	12
36	Dual-binding conjugates of diaromatic guanidines and porphyrins for recognition of G-quadruplexes. Organic and Biomolecular Chemistry, 2020, 18, 5617-5624.	2.8	2

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37	Synthetic Advances in the Câ€“H Activation of Rigid Scaffold Molecules. Synthesis, 2020, 52, 3295-3325.	2.3	26
38	Synthesis, characterization, and crystal structure analysis of Zn(II) and Cd(II) coordination compounds containing 4-((pyridin-4-ylmethylene)amino)phenol Schiff-base ligand. Journal of Molecular Structure, 2020, 1221, 128846.	3.6	2
39	The Red Color of Life Transformed â€“ Synthetic Advances and Emerging Applications of Protoporphyrin IX in Chemical Biology. European Journal of Organic Chemistry, 2020, 2020, 3171-3191.	2.4	34
40	Targeting Receptor Tyrosine Kinase VEGFR-2 in Hepatocellular Cancer: Rational Design, Synthesis and Biological Evaluation of 1,2-Disubstituted Benzimidazoles. Molecules, 2020, 25, 770.	3.8	31
41	Synthesis and Spectral Properties of gemâ€Dimethyl Chlorin Photosensitizers. ChemPhotoChem, 2020, 4, 601-611.	3.0	12
42	Towards triptycene functionalization and triptycene-linked porphyrin arrays. Beilstein Journal of Organic Chemistry, 2020, 16, 763-777.	2.2	3
43	Shortâ€Chained Anthracene Strapped Porphyrins and their Endoperoxides. European Journal of Organic Chemistry, 2020, 2020, 2735-2744.	2.4	10
44	Synthesis, crystal structure, and ADME prediction studies of novel imidazopyrimidines as antibacterial and cytotoxic agents. Archiv Der Pharmazie, 2020, 353, e1900271.	4.1	15
45	Influence of meso-linker attachment on the formation of coreÂ·Â·Â·Ï€ interactions in urea-functionalized porphyrins. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2020, 75, 755-764.	0.7	0
46	Crystal structures of 2,3,7,8,12,13,17,18-octabromo-5,10,15,20-tetrakis(pentafluorophenyl)porphyrin as the chloroform monosolvate and tetrahydrofuran monosolvate. Acta Crystallographica Section E: Crystallographic Communications, 2020, 76, 214-220.	0.5	1
47	Molecular Engineering of Freeâ€Base Porphyrins as Ligandsâ€”The Nâ‹¯Hâ‹…â‹…â‹…X Binding Motif in Tetrapyrroles. Angewandte Chemie - International Edition, 2019, 58, 418-441.	13.8	77
48	Molekulares Engineering freier Porphyrinbasen als Liganden â€“ das Nâ€Hâ‹…â‹…â‹…Xâ€Bindungsmotiv in Tetrapyrrolen. Angewandte Chemie, 2019, 131, 424-448.	2.0	11
49	Trends and targets in antiviral phototherapy. Photochemical and Photobiological Sciences, 2019, 18, 2565-2612.	2.9	201
50	Cell death in photodynamic therapy: From oxidative stress to anti-tumor immunity. Biochimica Et Biophysica Acta: Reviews on Cancer, 2019, 1872, 188308.	7.4	224
51	Konformativer Umbau von Porphyrinen als Rezeptoren mit schaltbaren Nâ€Hâ‹…â‹…â‹…Xâ€Bindungsmodi. Angewandte Chemie, 2019, 131, 16705-16709.	2.0	12
52	Conformational Reâ€engineering of Porphyrins as Receptors with Switchable Nâ‹¯Hâ‹…â‹…â‹…Xâ€Type Binding Modes. Angewandte Chemie - International Edition, 2019, 58, 16553-16557.	13.8	31
53	A hydroxamic-acid-containing nucleoside inhibits DNA repair nuclease SNM1A. Organic and Biomolecular Chemistry, 2019, 17, 8094-8105.	2.8	13
54	Hydrogels: soft matters in photomedicine. Photochemical and Photobiological Sciences, 2019, 18, 2613-2656.	2.9	42

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55	Innentitelbild: Konformativer Umbau von Porphyrinen als Rezeptoren mit schaltbaren Nâ€Hâ‹…â‹…â‹…Xâ€Bindungsmodi (Angew. Chem. 46/2019). Angewandte Chemie, 2019, 131, 16482-16482.	2.0	0
56	Investigating the Impact of Conformational Molecular Engineering on the Crystal Packing of Cavity Forming Porphyrins. Inorganic Chemistry, 2019, 58, 15769-15787.	4.0	10
57	Solid-state supramolecular architectures of a series of Hg(<scp>ii</scp>) halide coordination compounds based on hydroxyl-substituted Schiff base ligands. CrystEngComm, 2019, 21, 6301-6312.	2.6	9
58	In vitro cytotoxicity of a library of BODIPY-anthracene and -pyrene dyads for application in photodynamic therapy. Photochemical and Photobiological Sciences, 2019, 18, 495-504.	2.9	44
59	Controllable Charge-Transfer Mechanism at Pushâ€“Pull Porphyrin/Nanocarbon Interfaces. Journal of Physical Chemistry C, 2019, 123, 14283-14291.	3.1	10
60	Synthesis of Porphyrinoids, BODIPYs, and (Dipyrrinato)ruthenium(II) Complexes from Prefunctionalized Dipyrromethanes. European Journal of Organic Chemistry, 2019, 2019, 4020-4033.	2.4	16
61	Functionalization of Deutero- and Protoporphyrin IX Dimethyl Esters via Palladium-Catalyzed Coupling Reactions. Journal of Organic Chemistry, 2019, 84, 6158-6173.	3.2	13
62	Structure and conformation of photosynthetic pigments and related compounds. 15. Conformational analysis of chlorophyll derivatives - implications for hydroporphyrins in vivo. Photochemical and Photobiological Sciences, 2019, 18, 1479-1494.	2.9	5
63	Frontispiece: Nonconjugated Hydrocarbons as Rigidâ€Linear Motifs: Isosteres for Material Sciences and Bioorganic and Medicinal Chemistry. Chemistry - A European Journal, 2019, 25, .	3.3	0
64	Highly Efficient One-Dimensional Triplet Exciton Transport in a Palladiumâ€“Porphyrin-Based Surface-Anchored Metalâ€“Organic Framework. ACS Applied Materials & Interfaces, 2019, 11, 15688-15697.	8.0	46
65	Not Your Usual Bioisostere: Solid State Study of 3D Interactions in Cubanes. Chemistry - A European Journal, 2019, 25, 6941-6954.	3.3	17
66	Incremental Introduction of Organocatalytic Activity into Conformationally Engineered Porphyrins. European Journal of Organic Chemistry, 2019, 2019, 2448-2452.	2.4	19
67	Nonconjugated Hydrocarbons as Rigidâ€Linear Motifs: Isosteres for Material Sciences and Bioorganic and Medicinal Chemistry. Chemistry - A European Journal, 2019, 25, 4590-4647.	3.3	150
68	The role of Ï€â€“Ï€ stacking and hydrogen-bonding interactions in the assembly of a series of isostructural group IIB coordination compounds. Acta Crystallographica Section C, Structural Chemistry, 2019, 75, 178-188.	0.5	13
69	A lead BODIPY-phenylanthracene dyad for application in photodynamic therapy. , 2019, , .		0
70	Sterically induced distortions of nickel(II) porphyrins â€“ Comprehensive investigation by DFT calculations and resonance Raman spectroscopy. Coordination Chemistry Reviews, 2018, 360, 1-16.	18.8	35
71	Porphyrins in troubled times: a spotlight on porphyrins and their metal complexes for explosives testing and CBRN defense. New Journal of Chemistry, 2018, 42, 7529-7550.	2.8	44
72	Control of triplet state generation in heavy atom-free BODIPYâ€“anthracene dyads by media polarity and structural factors. Physical Chemistry Chemical Physics, 2018, 20, 8016-8031.	2.8	96

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73	Enhancing the photoluminescence of surface anchored metalâ€“organic frameworks: mixed linkers and efficient acceptors. Physical Chemistry Chemical Physics, 2018, 20, 11564-11576.	2.8	18
74	The Janus-faced chromophore: a donorâ€“acceptor dyad with dual performance in photon up-conversion. Chemical Communications, 2018, 54, 1607-1610.	4.1	24
75	Synthesis and Characterization of Temperature-Sensitive and Chemically Cross-Linked Poly(N-isopropylacrylamide)/Photosensitizer Hydrogels for Applications in Photodynamic Therapy. Biomacromolecules, 2018, 19, 1592-1601.	5.4	51
76	BODIPYâ€Pyrene and Perylene Dyads as Heavyâ€Atomâ€Free Singlet Oxygen Sensitizers. ChemPhotoChem, 2018, 2, 606-615.	3.0	66
77	The good, the bad, and the uglyâ€“controlling singlet oxygen through design of photosensitizers and delivery systems for photodynamic therapy. Photochemical and Photobiological Sciences, 2018, 17, 1490-1514.	2.9	116
78	Cubane Crossâ€Coupling and Cubaneâ€“Porphyrin Arrays. Chemistry - A European Journal, 2018, 24, 1026-1030.	3.3	38
79	Conformational control of nonplanar free base porphyrins: towards bifunctional catalysts of tunable basicity. Chemical Communications, 2018, 54, 26-29.	4.1	80
80	Cubane Cross-Coupling and Cubane-Porphyrin Arrays. Chemistry - A European Journal, 2018, 24, 1001-1001.	3.3	0
81	Sensitive fluorescence on-off probes for the fast detection of a chemical warfare agent mimic. Journal of Hazardous Materials, 2018, 342, 10-19.	12.4	53
82	Reaction of porphyrin-based surface-anchored metalâ€“organic frameworks caused by prolonged illumination. Physical Chemistry Chemical Physics, 2018, 20, 29142-29151.	2.8	8
83	Fluorescent imidazole-based chemosensors for the reversible detection of cyanide and mercury ions. Photochemical and Photobiological Sciences, 2018, 17, 1450-1461.	2.9	36
84	Synthesis of amphiphilic meso-tetrasubstituted porphyrin-L-amino acid and -heterocyclic conjugates based on m-THPP. Journal of Porphyrins and Phthalocyanines, 2018, 22, 997-1009.	0.8	6
85	Nonplanar Porphyrins by Nâ€Substitution: A Neglected Pathway. European Journal of Organic Chemistry, 2018, 2018, 6432-6446.	2.4	22
86	Pre-/post-functionalization in dipyrrin metal complexes â€“ antitumor and antibacterial activity of their glycosylated derivatives. Dalton Transactions, 2018, 47, 12373-12384.	3.3	19
87	Crystal structure and synthesis of 3-(1H-pyrrol-2-yl)-1-(thiophen-2-yl)propanone. Acta Crystallographica Section E: Crystallographic Communications, 2018, 74, 1463-1466.	0.5	1
88	Structure and conformation of photosynthetic pigments and related compounds. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, e348-e349.	0.1	0
89	Preparation of non-covalent organic frameworks using dodecasubstituted porphyrins. Acta Crystallographica Section A: Foundations and Advances, 2018, 74, e299-e299.	0.1	0
90	Platinum(II) Ring-Fused Chlorins as Near-Infrared Emitting Oxygen Sensors and Photodynamic Agents. ACS Medicinal Chemistry Letters, 2017, 8, 310-315.	2.8	42

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91	Comparative Synthetic Strategies for the Generation of 5,10â€•and 5,15â€Substituted Pushâ€Pull Porphyrins. European Journal of Organic Chemistry, 2017, 2017, 3565-3583.	2.4	13
92	Sequential Nucleophilic Substitution of the Î±â€Pyrrole and pâ€Aryl Positions of mesoâ€Pentafluorophenylâ€Substituted BODIPYs. European Journal of Organic Chemistry, 2017, 2017, 3187-3196.	2.4	14
93	Generation of Triplet Excited States via Photoinduced Electron Transfer in meso-anthra-BODIPY: Fluorogenic Response toward Singlet Oxygen in Solution and in Vitro. Journal of the American Chemical Society, 2017, 139, 6282-6285.	13.7	248
94	Synthesis of a Family of Highly Substituted Porphyrin Thioethers via Nitro Displacement in 2,3,7,8,12,13,17,18-Octaethyl-5,10,15,20-tetranitroporphyrin. Journal of Organic Chemistry, 2017, 82, 5122-5134.	3.2	29
95	Triptycene scaffolds: Synthesis and properties of triptycene-derived Schiff base compounds for the selective and sensitive detection of CN â^' and Cu 2+. Tetrahedron, 2017, 73, 2956-2965.	1.9	6
96	Water-soluble, neutral 3,5-diformyl-BODIPY with extended fluorescence lifetime in a self-healable chitosan hydrogel. Photochemical and Photobiological Sciences, 2017, 16, 1700-1708.	2.9	20
97	Delayed release singlet oxygen sensitizers based on pyridone-appended porphyrins. Photochemical and Photobiological Sciences, 2017, 16, 1371-1374.	2.9	18
98	Merging Triptycene, BODIPY and Porphyrin Chemistry: Synthesis and Properties of Monoâ€•and Trisubstituted Triptycene Dye Arrays. European Journal of Organic Chemistry, 2017, 2017, 6680-6692.	2.4	4
99	Synthesis of Long-Wavelength Absorbing Porphyrin m-Benzoic Acids as Molecular Tectons for Surface Studies. Heterocycles, 2017, 94, 1518.	0.7	2
100	Front Cover: Comparative Synthetic Strategies for the Generation of 5,10â€•and 5,15â€Substituted Pushâ€Pull Porphyrins (Eur. J. Org. Chem. 25/2017). European Journal of Organic Chemistry, 2017, 2017, 3516-3516.	2.4	0
101	Sustainable water treatment in aquaculture - photolysis and photodynamic therapy for the inactivation ofVibriospecies. Aquaculture Research, 2017, 48, 2954-2962.	1.8	15
102	Preparation of non-covalent organic frameworks using dodecasubstituted porphyrin. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, C741-C741.	0.1	0
103	Lactones and Flavonoids isolated from the Leaves of Globimetula braunii. Natural Product Communications, 2017, 12, 1934578X1701200.	0.5	2
104	A New Mode of Action for Porphyrins â€“ Nonplanar Porphyrins As Organocatalysts. ECS Meeting Abstracts, 2017, , .	0.0	0
105	6 High-content imaging for photosensitizer screening. Series in Cellular and Clinical Imaging, 2017, , 103-116.	0.2	0
106	Crystal structure of 5-tert-butyl-10,15,20-triphenylporphyrin. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 128-132.	0.5	0
107	Studying the intersystem crossing rate and triplet quantum yield of meso-substituted porphyrins by means of pulse train fluorescence technique. Journal of Porphyrins and Phthalocyanines, 2016, 20, 282-291.	0.8	49
108	A two-pronged attack on DNA: targeting guanine quadruplexes with nonplanar porphyrins and DNA-binding small molecules. Future Medicinal Chemistry, 2016, 8, 609-612.	2.3	6

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109	Towards Electron Transfer Compounds with Rigid Resistor Units. ECS Transactions, 2016, 72, 1-11.	0.5	2
110	Glycosidase activated release of fluorescent 1,8-naphthalimide probes for tumor cell imaging from glycosylated â€˜pro-probesâ€™. Chemical Communications, 2016, 52, 13086-13089.	4.1	67
111	Preparation of Triâ€•and Hexasubstituted Triptycene Synthons by Transition Metal Catalyzed Crossâ€Coupling Reactions for Postâ€Modifications. European Journal of Organic Chemistry, 2016, 2016, 185-195.	2.4	19
112	Nucleophilic Aromatic Substitution on Pentafluorophenylâ€Substituted Dipyrranes and Tetrapyrroles as a Route to Multifunctionalized Chromophores for Potential Application in Photodynamic Therapy. Chemistry - A European Journal, 2016, 22, 13953-13964.	3.3	23
113	Spectroelectrochemical Investigation of the Oneâ€Electron Reduction of Nonplanar Nickel(II) Porphyrins. ChemPhysChem, 2016, 17, 3480-3493.	2.1	8
114	The characterization of an intestine-like genomic signature maintained during Barrettâ€™s-associated adenocarcinogenesis reveals an NR5A2-mediated promotion of cancer cell survival. Scientific Reports, 2016, 6, 32638.	3.3	13
115	Molecular devices based on reversible singlet oxygen binding in optical and photomedical applications. Molecular Systems Design and Engineering, 2016, 1, 258-272.	3.4	31
116	Contribution of bacteriochlorophyll conformation to the distribution of site-energies in the FMO protein. Biochimica Et Biophysica Acta - Bioenergetics, 2016, 1857, 427-442.	1.0	17
117	Conformational and structural studies of meso monosubstituted metalloporphyrinsâ€”Edge-on molecular interactions of porphyrins in crystals. Tetrahedron, 2016, 72, 105-115.	1.9	8
118	Drug Discovery Approaches Utilizing Three-Dimensional Cell Culture. Assay and Drug Development Technologies, 2016, 14, 19-28.	1.2	85
119	Towards Electron Transfer Compounds with Rigid Resistor Units. ECS Meeting Abstracts, 2016, , .	0.0	0
120	Crystal structure of 4-(methoxycarbonyl)phenylboronic acid. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1151-1154.	0.5	4
121	Lead Structures for Applications in Photodynamic Therapy. 6. Temoporfin Anti-Inflammatory Conjugates to Target the Tumor Microenvironment for In Vitro PDT. PLoS ONE, 2015, 10, e0125372.	2.5	19
122	Lead structures for applications in photodynamic therapyÂ7. Efficient synthesis of amphiphilic glycosylated lipid porphyrin derivatives: refining linker conjugation for potential PDT applications. Tetrahedron, 2015, 71, 4145-4153.	1.9	18
123	Porphyrin substituent regiochemistry, conformation and packing â€“ the case of 5,10-diphenylporphyrin. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2015, 70, 119-123.	0.7	2
124	How green is green chemistry? Chlorophylls as a bioresource from biorefineries and their commercial potential in medicine and photovoltaics. Photochemical and Photobiological Sciences, 2015, 14, 638-660.	2.9	91
125	Pdots, a new type of nanoparticle, bind to mTHPC via their lipid modified surface and exhibit very high FRET efficiency between the core and the sensitizer. Physical Chemistry Chemical Physics, 2015, 17, 11412-11422.	2.8	13
126	Crystal Structures of 2-Furylbenzimidazoles with Antiangiogenic Inhibition of VEGF in Cell Line MCF-7. Heterocycles, 2015, 91, 1603.	0.7	3

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127	Highly Strained Tertiary sp³ Scaffolds: Synthesis of Functionalized Cubanes and Exploration of Their Reactivity under Pd(II) Catalysis. Organometallics, 2015, 34, 1408-1414.	2.3	27
128	N-H Hydrogen Bonding in Porphyrins - from Conformational Design to Supramolecular Chemistry. ECS Transactions, 2015, 66, 1-10.	0.5	16
129	Getting it right: 3D cell cultures for the assessment of photosensitizers for photodynamic therapy. Future Medicinal Chemistry, 2015, 7, 1957-1960.	2.3	3
130	Conformational control of cofactors in nature â€“ the influence of protein-induced macrocycle distortion on the biological function of tetrapyrroles. Chemical Communications, 2015, 51, 17031-17063.	4.1	169
131	Specific Drug Formulation Additives: Revealing the Impact of Architecture and Block Length Ratio. Biomacromolecules, 2015, 16, 3308-3312.	5.4	14
132	Crystal structure of [5-n-butyl-10-(2,5-dimethoxyphenyl)-2,3,7,8,13,12,17,18-octaethylporphyrinato]nickel(II). Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, 1397-1400.	0.5	2
133	Chemical Synthesis and Medicinal Applications of Glycoporphyrins. Current Medicinal Chemistry, 2015, 22, 2238-2348.	2.4	50
134	Effects of Preparation Conditions of Poly(lactide-co-glycolide) Nanoparticles Loaded with Amphiphilic Porphyrins and Their Photoactivities. Journal of Nanoscience and Nanotechnology, 2014, 14, 6274-6286.	0.9	3
135	The translocator protein as a potential molecular target for improved treatment efficacy in photodynamic therapy. Future Medicinal Chemistry, 2014, 6, 775-792.	2.3	11
136	Synthesis of Diazepine-fused Porphyrinoids and Annulated Porphyrin Arrays. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2014, 69, 889-898.	0.7	1
137	Chlorophylls, Symmetry, Chirality, and Photosynthesis. Symmetry, 2014, 6, 781-843.	2.2	169
138	(5-n-Butyl-10,20-diisobutylporphyrinato)nickel(II). Acta Crystallographica Section E: Structure Reports Online, 2014, 70, m251-m251.	0.2	2
139	Crystal structure of 5,10,15-triphenyl-20-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)porphyrin. Acta Crystallographica Section E: Structure Reports Online, 2014, 70, o1085-o1086.	0.2	0
140	Structural investigation of 5,10-A₂B₂-type porphyrins: palladium(II) and zinc(II) complexes of 5,10-dibromo-15,20-bis(4-methylphenyl)porphyrin. Acta Crystallographica Section C, Structural Chemistry, 2014, 70, 1143-1146.	0.5	4
141	Niâ€“Cu ion exchange observed for Ni(ii)â€“porphyrins on Cu(111). Chemical Communications, 2014, 50, 3447.	4.1	31
142	Fractal structures in n-phenyl-porphyrin J-aggregate films. Materials Chemistry and Physics, 2014, 143, 963-968.	4.0	10
143	Micro- or nanorod and nanosphere structures derived from a series of phenyl-porphyrins. Physical Chemistry Chemical Physics, 2014, 16, 4386-4393.	2.8	28
144	From thioether substituted porphyrins to sulfur linked porphyrin dimers: an unusual SNAr via thiolate displacement?. Chemical Communications, 2014, 50, 353-355.	4.1	34

#	Article	IF	Citations
145	Lead structures for applications in photodynamic therapy. 5. Synthesis and biological evaluation of water soluble phosphorus(V) 5,10,15,20-tetraalkylporphyrins for PDT. Photodiagnosis and Photodynamic Therapy, 2014, 11, 510-515.	2.6	8
146	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
147	Simple Porphyrin Desymmetrization: 5,10,15,20â€Tetrakis(3â€hydroxyphenyl)porphyrin (mTHPP) as a Gateway Molecule for Peripheral Functionalization. European Journal of Organic Chemistry, 2014, 2014, 4283-4294.	2.4	13
148	Solvent effect on the nonlinear absorption of 5,10-A2B2meso substituted porphyrins. Photochemical and Photobiological Sciences, 2013, 12, 1811-1823.	2.9	9
149	(Invited) Chemical Synthesis in Solution and Porphyrin Nanostructures on Surfaces - Similar Concepts, Different Results. ECS Transactions, 2013, 45, 77-90.	0.5	3
150	Synthesis and biological evaluation of FoscanÂ® bile acid conjugates to target esophageal cancer cells. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 2495-2499.	2.2	20
151	Transferrin conjugation does not increase the efficiency of liposomal Foscan during in vitro photodynamic therapy of oesophageal cancer. European Journal of Pharmaceutical Sciences, 2013, 48, 202-210.	4.0	24
152	Nonlinear absorption properties of 5,10-A2B2porphyrinsâ€"correlation of molecular structure with the nonlinear responses. Photochemical and Photobiological Sciences, 2013, 12, 996-1007.	2.9	29
153	Platelets, photosensitizers, and PDT. Photodiagnosis and Photodynamic Therapy, 2013, 10, 1-16.	2.6	33
154	Synthesis and Reactivity of Allenylporphyrins. European Journal of Organic Chemistry, 2013, 2013, 1566-1579.	2.4	12
155	Synthesis and Functionalization of Triply Fused Porphyrin Dimers. European Journal of Organic Chemistry, 2013, 2013, 3700-3711.	2.4	28
156	Computational Quantification of the Physicochemical Effects of Heme Distortion: Redox Control in the Reaction Center Cytochrome Subunit of Blastochloris viridis. Inorganic Chemistry, 2013, 52, 1228-1237.	4.0	20
157	Modeling of Nonlinear Absorption of 5,10-A₂B₂ Porphyrins in the Nanosecond Regime. Journal of Physical Chemistry A, 2013, 117, 15-26.	2.5	43
158	Laser induced protonation of free base porphyrin in chloroform results in the enhancement of positive nonlinear absorption due to conformational distortion. Journal of Porphyrins and Phthalocyanines, 2013, 17, 1129-1133.	0.8	12
159	5,15-Bis(4-pentyloxyphenyl)porphyrin. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o1048-o1048.	0.2	2
160	High Content Screening as High Quality Assay for Biological Evaluation of Photosensitizers In Vitro. PLoS ONE, 2013, 8, e70653.	2.5	12
161	Immunoliposomes. Current Medicinal Chemistry, 2012, 19, 5239-5277.	2.4	67
162	Growth and ordering of Ni(II) diphenylporphyrin monolayers on Ag(111) and Ag/Si(111) studied by STM and LEED. Journal of Physics Condensed Matter, 2012, 24, 045005.	1.8	4

#	Article	IF	Citations
163	[5,15-Bis(2-methylpropyl)porphyrinato]nickel(II). Acta Crystallographica Section E: Structure Reports Online, 2012, 68, m1191-m1192.	0.2	3
164	mTHPC â€“ A drug on its way from second to third generation photosensitizer?. Photodiagnosis and Photodynamic Therapy, 2012, 9, 170-179.	2.6	101
165	Synthesis and Biological Evaluation of a Library of Glycoporphyrin Compounds. Chemistry - A European Journal, 2012, 18, 14671-14679.	3.3	64
166	Control of the axial coordination of a surface-confined manganese(III) porphyrin complex. Nanotechnology, 2012, 23, 235606.	2.6	20
167	Adsorption of 5,10,15,20â€tetrakis (4â€bromophenyl)porphyrin on germanium(001). Physica Status Solidi C: Current Topics in Solid State Physics, 2012, 9, 1404-1407.	0.8	6
168	Photochemical Transformations Involving Porphyrins and Phthalocyanines. , 2012, , 831-879.		10
169	The Molecular and Crystal Structures of Galvinol Derivatives. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2012, 67, 1137-1143.	0.7	2
170	Conformational control of cofactors in natureâ€"functional tetrapyrrole conformations in the photosynthetic reaction centers of purple bacteria. Chemical Communications, 2011, 47, 11621.	4.1	18
171	Evidence for the formation of an intermediate complex in the direct metalation of tetra(4-bromophenyl)-porphyrin on the Cu(111) surface. Chemical Communications, 2011, 47, 12134.	4.1	42
172	Synthesis of Ferrocenyl Porphyrins via Suzuki Coupling and Their Photophysical Properties. Organometallics, 2011, 30, 3225-3228.	2.3	40
173	Stirring the porphyrin alphabet soupâ€"functionalization reactions for porphyrins. Chemical Communications, 2011, 47, 1943.	4.1	209
174	Nanodrug applications in photodynamic therapy. Photodiagnosis and Photodynamic Therapy, 2011, 8, 14-29.	2.6	303
175	Organische Chemie 2010. Nachrichten Aus Der Chemie, 2011, 59, 254-283.	0.0	0
176	Silyl Nitronate 1,3-Dipolar Cycloaddition Reactions with meso-Tetraarylporphyrins. Heterocycles, 2011, 83, 627.	0.7	8
177	(Invited) Synthesis of Unsymmetrically Meso-Substituted Porphyrins. ECS Transactions, 2011, 35, 147-157.	0.5	3
178	Synthesis and Crystal Structure of a Meso-Meso Directly Linked Bisporphyrin. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2011, 66, 553-558.	0.7	2
179	Temoporfin (Foscan^{Â®}, 5,10,15,20â€Tetra(mâ€hydroxyphenyl)chlorin)â€"A Secondâ€generation Photosensitizer^{â€,â€¡}. Photochemistry and Photobiology, 2011, 87, 1240-1296.	2.5	263
180	Carbazole-linked porphyrin dimers for organic light emitting diodes: synthesis and initial photophysical studies. Tetrahedron, 2011, 67, 8248-8254.	1.9	34

#	Article	IF	Citations
181	Synthesis and evaluation of the europiumIII and zincII complexes as luminescent bioprobes in high content cell-imaging analysis. Journal of Inorganic Biochemistry, 2011, 105, 1589-1595.	3.5	23
182	Synthesis and ligand binding properties of triptycene-linked porphyrin arrays. Tetrahedron, 2011, 67, 1126-1134.	1.9	16
183	Formation of extended covalently bonded Ni porphyrin networks on the Au(111) surface. Nano Research, 2011, 4, 376-384.	10.4	51
184	(5-tert-Butylporphyrinato)copper(II), a nonplanar porphyrin with only one sterically demandingmesoresidue. Acta Crystallographica Section C: Crystal Structure Communications, 2011, 67, m39-m42.	0.4	4
185	5,15â€A₂B₂â€•and 5,15â€A₂BCâ€Type Porphyrins with Donor and Acceptor Groups for Use in Nonlinear Optics and Photodynamic Therapy. European Journal of Organic Chemistry, 2011, 2011, 5797-5816.	2.4	117
186	Porphyrin Dimers and Arrays. European Journal of Organic Chemistry, 2011, 2011, 5817-5844.	2.4	64
187	Extroverted Confusionâ€"Linus Pauling, Melvin Calvin, and Porphyrin Isomers. Angewandte Chemie - International Edition, 2011, 50, 4272-4277.	13.8	50
188	Bridging the Gap between Porphyrins and Porphycenes: Substituentâ€Positionâ€Sensitive Tautomerism and Photophysics in mesoâ€Diphenyloctaethylporphyrins. Chemistry - A European Journal, 2011, 17, 10039-10049.	3.3	18
189	5,10â€A₂B₂â€Type mesoâ€Substituted Porphyrinsâ€"A Unique Class of Porphyrins with a Realigned Dipole Moment. Chemistry - A European Journal, 2011, 17, 13562-13573.	3.3	22
190	Simple but powerful: Phenanthroline-based small molecules for cellular imaging and cancer screening. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 4385-4388.	2.2	10
191	(2,3,7,8,12,13,17,18-Octaethyl-5-phenylporphyrinato)platinum(II). Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m1077-m1077.	0.2	0
192	Molecular Engineering of Nonplanar Porphyrin and Carbon Nanotube Assemblies: A Linear and Nonlinear Spectroscopic and Modeling Study. Journal of Nanotechnology, 2011, 2011, 1-12.	3.4	67
193	{rac-5-[Methoxy(phenyl)methyl]-10,20-diphenylporphyrinato}nickel(II). Acta Crystallographica Section E: Structure Reports Online, 2011, 67, m265-m265.	0.2	0
194	Synthesis and Crystal Structure of a Meso-Meso Directly Linked Bisporphyrin. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2011, 66, 0553.	0.7	6
195	Anthracenylporphyrins. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 1472-1484.	0.7	15
196	Highly substituted 2,3,7,8,12,13,17,18-octaethylporphyrins with meso aryl residues. Tetrahedron, 2010, 66, 3508-3524.	1.9	15
197	Synthesis of mesoâ€Substituted ABCDâ€Type Porphyrins by Functionalization Reactions. European Journal of Organic Chemistry, 2010, 2010, 237-258.	2.4	123
198	Efficient Synthesis of Glycoporphyrins by Microwaveâ€Mediated â€œClickâ€•Reactions. European Journal of Organic Chemistry, 2010, 2010, 1026-1028.	2.4	46

#	Article	IF	Citations
199	Porphyrin (porphine) â€" A neglected parent compound with potential. Journal of Porphyrins and Phthalocyanines, 2010, 14, 557-567.	0.8	42
200	(5,15-Dianthracen-9-yl-10,20-dihexylporphyrinato)nickel(II): a planar nickel(II) porphyrin. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, m790-m790.	0.2	8
201	12 Organometallic â€" Coupling Reactions for Porphyrins. Handbook of Porphyrin Science, 2010, , 325-365.	0.8	7
202	Structural, Spectroscopic, and Anion-Binding Properties of 5,10-Porphodimethenes, An Unusual Class of Calixphyrins. Journal of Physical Chemistry A, 2010, 114, 2464-2470.	2.5	19
203	Correlation of photophysical parameters with macrocycle distortion in porphyrins with graded degree of saddle distortion. Photochemical and Photobiological Sciences, 2010, 9, 1152-1158.	2.9	78
204	Self-assembled rows of Ni porphyrin dimers on the Ag(111) surface. Physical Chemistry Chemical Physics, 2010, 12, 6666.	2.8	22
205	Lead structures for applications in photodynamic therapy. Part 2: Synthetic studies for photo-triggered release systems of bioconjugate porphyrin photosensitizers. Tetrahedron, 2009, 65, 7064-7078.	1.9	46
206	Allenylporphyrins: a new motif on the porphyrin periphery. Tetrahedron Letters, 2009, 50, 2566-2569.	1.4	16
207	Exploration of the reaction of potassium organotrifluoroborates with porphyrins. Tetrahedron Letters, 2009, 50, 2562-2565.	1.4	20
208	Correlation studies on structurally diverse porphyrin monomers, dimers and trimers and their nonlinear optical responses. Chemical Physics Letters, 2009, 477, 330-335.	2.6	30
209	Synthesis of Stannyl Porphyrins and Porphyrin Dimers via Stille Coupling and Their 119Sn NMR and Fluorescence Properties. Journal of Organic Chemistry, 2009, 74, 7140-7147.	3.2	26
210	Synthesis and Stereochemistry of Highly Unsymmetric Î²,Meso-Linked Porphyrin Arrays. Journal of Organic Chemistry, 2009, 74, 8005-8020.	3.2	44
211	Synthesis, Transformations, And Comparative Studies of Porphyryl Acrylic Acids and Their Homologues. Journal of Organic Chemistry, 2009, 74, 1488-1497.	3.2	10
212	Ni(II) porphine nanolines grown on a Ag(111) surface at room temperature. Nanotechnology, 2009, 20, 135301.	2.6	20
213	Structure and Conformation of Photosynthetic Pigments and Related Compounds. 13. Identification of Localized Vibrational Modes in Chlorophyll A Derivatives. Heterocycles, 2009, 78, 1523.	0.7	1
214	Synthetic strategies and porphyrin building blocks for unsymmetrical multichromophores. Tetrahedron Letters, 2008, 49, 2236-2239.	1.4	21
215	Triptycene as a rigid, 120Â° orienting, three-pronged, covalent scaffold for porphyrin arrays. Tetrahedron Letters, 2008, 49, 5397-5399.	1.4	16
216	The Intermolecular Pausonâ€"Khand Reaction of mesoâ€Substituted Porphyrins. European Journal of Organic Chemistry, 2008, 2008, 4881-4890.	2.4	14

#	Article	IF	Citations
217	Synthesis of porphyryl boronates with (un)saturated side-chains. Journal of Organometallic Chemistry, 2008, 693, 2637-2640.	1.8	11
218	Synthetic transformations of porphyrins â€“ Advances 2004-2007. Journal of Porphyrins and Phthalocyanines, 2008, 12, 1053-1077.	0.8	37
219	Influence of the Core Conformation on the NH-Tautomerism in Porphyrins:â€‰ A Study of meso-(1,3-Dithian-2-yl)porphyrins. Journal of Organic Chemistry, 2008, 73, 2182-2190.	3.2	12
220	An x-ray absorption and photoemission study of the electronic structure of Ni porphyrins and Ni N-confused porphyrin. Journal of Physics Condensed Matter, 2008, 20, 235207.	1.8	32
221	Self-assembly of Ni(II) porphine molecules on the Ag/Si(111)-(surd 3 imes surd 3)mathrm {R}30^{circ } surface studied by STM/STS and LEED. Journal of Physics Condensed Matter, 2008, 20, 015003.	1.8	17
222	A2B2-type pushâ€“pull porphyrins as reverse saturable and saturable absorbers. Chemical Communications, 2007, , 2166-2168.	4.1	50
223	Conformational Landscape ofmeso-(1,3-Dithian-2-yl)porphyrins. Journal of Organic Chemistry, 2007, 72, 6224-6231.	3.2	12
224	Conversion of Ni(II)-Allylporphyrins to Î±,Î²-Unsaturated Formylporphyrins via a Nickel-Promoted Reaction. Journal of Organic Chemistry, 2007, 72, 5414-5417.	3.2	21
225	Nonlinear Optical Properties of Porphyrins. Advanced Materials, 2007, 19, 2737-2774.	21.0	751
226	Exploration of mesoâ€Substituted Formylporphyrins and Their Grignard and Wittig Reactions. European Journal of Organic Chemistry, 2007, 2007, 3833-3848.	2.4	28
227	Synthesis of hydroporphyrins based on comparative studies of palladium-catalyzed and non-catalyzed approaches. Tetrahedron, 2007, 63, 12454-12464.	1.9	23
228	Electronic structure of Ni(II) porphyrins and phthalocyanine studied by soft X-ray absorption spectroscopy. Chemical Physics, 2007, 332, 318-324.	1.9	65
229	Benzyl 4-ethyl-3-methyl-5-(phthalimidomethyl)pyrrole-2-carboxylate. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3363-o3363.	0.2	0
230	N-[4-(Di-2-pyrrolylmethyl)phenyl]acetamide. Acta Crystallographica Section E: Structure Reports Online, 2007, 63, o3679-o3679.	0.2	1
231	Exercises in molecular gymnasticsâ€”bending, stretching and twisting porphyrins. Chemical Communications, 2006, , 243-256.	4.1	244
232	meso-iodo- andmeso-iodovinylporphyrins via organopalladium porphyrins and the crystal structure of 5-iodo-10,20-diphenylporphyrin. Journal of Porphyrins and Phthalocyanines, 2006, 10, 176-185.	0.8	29
233	New palladium catalysed reactions of bromoporphyrins: synthesis and crystal structures of nickel(ii) complexes of primary 5-aminoporphyrin, 5,5â€²-bis(porphyrinyl) secondary amine, and 5-hydroxyporphyrin. Chemical Communications, 2006, , 4192-4194.	4.1	77
234	Synthesis, Reactivity and Structure of Chlorophylls. , 2006, , 27-37.		23

#	Article	IF	Citations
235	Organische Chemie 2005. Nachrichten Aus Der Chemie, 2006, 54, 241-264.	0.0	0
236	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
237	Palladium-catalyzed reactions for the synthesis of chlorins and 5,10-porphodimethenes. Tetrahedron Letters, 2006, 47, 6169-6172.	1.4	21
238	On the Correlation Between Hydrophobicity, Liposome Binding and Cellular Uptake of Porphyrin Sensitizers. Photochemistry and Photobiology, 2006, 82, 695.	2.5	72
239	Metamorphosis of Tetrapyrrole Macrocycles. Angewandte Chemie - International Edition, 2006, 45, 7492-7495.	13.8	43
240	Influence of substitutions on asymmetric dihydroxychlorins with regard to intracellular uptake, subcellular localization and photosensitization of Jurkat cells. Journal of Photochemistry and Photobiology B: Biology, 2005, 78, 17-28.	3.8	43
241	Lead structures for applications in photodynamic therapy. Part 1: Synthesis and variation of m-THPC (Temoporfin) related amphiphilic A2BC-type porphyrins. Tetrahedron, 2005, 61, 5535-5564.	1.9	105
242	Synthesis of Mono- and Disubstituted Porphyrins: A- and 5,10-A2-Type Systems. Chemistry - A European Journal, 2005, 11, 3427-3442.	3.3	86
243	The Dithianyl Group as a Synthon in Porphyrin Chemistry: Condensation Reactions and Preparation of Formylporphyrins under Basic Conditions.. ChemInform, 2005, 36, no.	0.0	0
244	Nucleophilic Substitution as a Tool for the Synthesis of Unsymmetrical Porphyrins. ChemInform, 2005, 36, no.	0.0	0
245	Hydrogen-bonding patterns in six derivatives of 2,4-dimethylpyrrole. Acta Crystallographica Section C: Crystal Structure Communications, 2005, 61, o537-o541.	0.4	10
246	Dibenzyl 5-(2-chloroethyl)-3,7-diethyl-2,8-dimethyldipyrromethane-1,9-dicarboxylate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o506-o508.	0.2	1
247	Chloro(2,3,7,8,12,13,17,18-octaethylporphyrinato)iron(III). Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m399-m400.	0.2	12
248	Nucleophilic Substitution as a Tool for the Synthesis of Unsymmetrical Porphyrins. Accounts of Chemical Research, 2005, 38, 733-743.	15.6	152
249	Synthesis of Benzoporphyrins with One or Two Meso-Substitutents via Substitution Reactions. Heterocycles, 2005, 65, 879.	0.7	15
250	One-pot Synthesis of A2BC-Type Free Base Porphyrins. Heterocycles, 2005, 65, 2441.	0.7	12
251	Hydrogen Bonding and Conformation of 5-Substituted Dipyrromethanes â€" A Solid State Study. Heterocycles, 2005, 65, 797.	0.7	4
252	Dodecasubstituted Porphyrins â€" An Easily Accessible Type of Dendritic Porphyrins with Tunable Properties. Heterocycles, 2004, 63, 505.	0.7	8

#	Article	IF	Citations
253	Oxasmaragdyrinâ€“Ferrocene and Oxacorroleâ€“Ferrocene Conjugates: Synthesis, Structure, and Nonlinear Optical Properties. Chemistry - A European Journal, 2004, 10, 1423-1432.	3.3	64
254	SNAr reactions of Î²-substituted porphyrins and the synthesis of meso substituted tetrabenzoporphyrins. Tetrahedron Letters, 2004, 45, 1647-1650.	1.4	25
255	The mesoâ€“Î²-linkage as structural motif in porphyrin-based donorâ€“acceptor compounds. Tetrahedron Letters, 2004, 45, 3363-3367.	1.4	34
256	Synthetic transformations of porphyrins â€“ Advances 2002-2004. Journal of Porphyrins and Phthalocyanines, 2004, 08, 934-953.	0.8	52
257	The Dithianyl Group as a Synthon in Porphyrin Chemistry:Â Condensation Reactions and Preparation of Formylporphyrins under Basic Conditions. Journal of the American Chemical Society, 2004, 126, 13634-13635.	13.7	36
258	Interplay of Axial Ligation, Hydrogen Bonding, Self-Assembly, and Conformational Landscapes in High-Spin Ni(II) Porphyrins. Journal of Physical Chemistry B, 2004, 108, 2173-2180.	2.6	34
259	Organische Chemie 2003. Nachrichten Aus Der Chemie, 2004, 52, 267-291.	0.0	0
260	Synthetic Access to 5,10-Disubstituted Porphyrins.. ChemInform, 2003, 34, no.	0.0	0
261	Synthetic access to 5,10-disubstituted porphyrins. Tetrahedron Letters, 2003, 44, 157-160.	1.4	51
262	Synthetic potential and limitations of o-quinones as acceptor groups in electron transfer compounds. Tetrahedron Letters, 2003, 44, 4463-4466.	1.4	9
263	Core-Modified Hexaphyrins; Characterization of Two- and Four-Ring Inverted 26 Ï€ Aromatic Macrocycles. Organic Letters, 2003, 5, 3531-3533.	4.6	28
264	Synthesis and electrochemical investigation of covalently linked porphyrin dimers containing a Î²-brominated subunit.. Journal of Porphyrins and Phthalocyanines, 2003, 07, 595-609.	0.8	5
265	A Practical Synthesis of Meso-monosubstituted, Î²-Unsubstituted Porphyrins. Organic Letters, 2002, 4, 3807-3809.	4.6	48
266	Isomeric porphyrin phenanthrenequinones: synthesis, NMR spectroscopy, electrochemical properties, and in situ EPR/ENDOR studies of the o-semiquinone anion radicalsElectronic supplementary information (ESI) available: 1H and 13C NMR data for various phenanthrene derivatives. See http://www.rsc.org./suppdata/p2/b1/b110273g/. Perkin Transactions II RSC, 2002, , 455-462.	1.1	13
267	An efficient synthesis of highly functionalized asymmetric porphyrins with organolithium reagents. Journal of the Chemical Society, Perkin Transactions 1, 2001, , 1030-1038.	1.3	43
268	Mechanistic Studies on the Nucleophilic Reaction of Porphyrins with Organolithium Reagents. Journal of Organic Chemistry, 2001, 66, 8693-8700.	3.2	47
269	Electron donorâ€“acceptor compounds: exploiting the triptycene geometry for the synthesis of porphyrin quinone diads, triads, and a tetrad. Tetrahedron, 2001, 57, 10089-10110.	1.9	46
270	Sodium etiobilirubin-IVÎ³-C10-sulfonate: a highly solvated bile pigment structure containing two different non-ridge-tile conformers in the unit cell. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 875-878.	2.2	4

#	Article	IF	Citations
271	2,3,7,8,12,13,17,18-Octachloroporphyrin. Journal of Porphyrins and Phthalocyanines, 2001, 05, 503-506.	0.8	14
272	Hydrophilicity vs hydrophobicity â€" varying the amphiphilic structure of porphyrins related to the photosensitizer m-THPC. Journal of Porphyrins and Phthalocyanines, 2001, 05, 758-761.	0.8	38
273	PDT-related photophysical properties of conformationally distorted palladium(II) porphyrins. Journal of Porphyrins and Phthalocyanines, 2001, 05, 853-860.	0.8	34
274	Regioselective Synthesis of Conformationally Designed Porphyrins with Mixedmeso-Substituent Types and Distortion Modes. European Journal of Organic Chemistry, 2001, 2001, 1735-1751.	2.4	55
275	One-pot synthesis of functionalized, highly substituted porphodimethenes. Tetrahedron, 2001, 57, 5573-5583.	1.9	40
276	The Reaction of Porphyrins with Organolithium Reagents. Chemistry - A European Journal, 2000, 6, 2721-2738.	3.3	96
277	Porphyrin-o-quinones as Model Systems for Electron Transfer and Catecholase Reactions. European Journal of Organic Chemistry, 2000, 2000, 2303-2314.	2.4	17
278	Structural Diversity in Rubyrins: X-ray Structural Characterisation of Planar and Inverted Rubyrins. European Journal of Organic Chemistry, 2000, 2000, 2357-2360.	2.4	25
279	Syntheses and Spectroscopic Studies of Novel Chlorins with Fused Quinoxaline or Benzimidazole Ring Systems and the Related Dimers with Extended Conjugation. Tetrahedron, 2000, 56, 3353-3364.	1.9	40
280	Identification of Stable Porphomethenes and Porphodimethenes from the Reaction of Sterically Hindered Aldehydes with Pyrrole. Tetrahedron, 2000, 56, 8927-8932.	1.9	47
281	One-pot Synthesis of Functionalized Asymmetric 5,10,15,20-Substituted Porphyrins from 5,15-Diaryl- or -Dialkyl-porphyrins. Tetrahedron, 2000, 56, 587-590.	1.9	41
282	A Conformational Study of 5,10,15,20-Tetraalkyl-22H⁺,24H⁺-porphyrindiium Salts (Dication Salts). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2000, 55, 336-344.	0.7	63
283	Regioselective reaction of 5,15-disubstituted porphyrins with organolithium reagentsâ€"synthetic access to 5,10,15-trisubstituted porphyrins and directly meso-meso-linked bisporphyrins. Journal of the Chemical Society, Perkin Transactions 1, 2000, , 3615-3621.	1.3	82
284	Molecular structure of (5,10,15,20-tetrabutyl-2,3,7,8,12,13,17,18-octaethylporphyrinato)nickel(II)â€"correlation of nonplanarity with frontier orbital shiftsâ€Šâ€. Dalton Transactions RSC, 2000, , 381-385.	2.3	61
285	The Malaria Pigment Haemozoinâ€"A Focal Point of Action for Antimalarial Drugs. ChemBioChem, 2000, 1, 247-249.	2.6	0
286	5,10,15,20-Tetrakis(diphenylmethyl)porphyrin - A Nonplanar Porphyrin with Intermediate Degree of Ruffling. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1999, 54, 662-666.	0.7	6
287	Fixation o f Neutral Molecules in the Binding Cavity of Nonplanar Porphyrins - A Third Dodecaphenylporphyrin Modification with NH -Solvent Hydrogen Bonding. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1999, 54, 821-821.	0.7	18
288	Structure and Conformation of Tetra-meso-, Octa-Î²-, and Dodecasubstituted 22,24-Dihydroporphyrins (Porphyrin Dications). Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1999, 54, 943-959.	0.7	36

#	Article	IF	Citations
289	Synthesis of directly meso-meso linked bisporphyrins using organolithium reagents. Tetrahedron Letters, 1999, 40, 4165-4168.	1.4	74
290	Reaction of Î²-formylporphyrins with organometallic reagents â€" A facile method for the preparation of porphyrins with exocyclic double bonds. Tetrahedron, 1999, 55, 10375-10390.	1.9	23
291	Structure and Conformation of Photosynthetic Pigments and Related Compounds. 12. A Crystallographic Analysis of Porphyrin-quinones and Their Precursors. Photochemistry and Photobiology, 1999, 70, 206-216.	2.5	31
292	Synthesis, Reactivity and Structural Chemistry of 5,10,15,20-Tetraalkylporphyrins. Journal of Porphyrins and Phthalocyanines, 1999, 03, 99-116.	0.8	79
293	On the Molecular Stereochemistry of the 21,22,23-trimethyl-5,10,15,20-Tetraphenylporphyrin Cation. Journal of Porphyrins and Phthalocyanines, 1999, 03, 216-223.	0.8	7
294	Triplet Dynamics of Conformationally Distorted Porphyrins in Isotropic Liquids and Liquid Crystals. Time-Resolved Electron Paramagnetic Resonance Study. Journal of Physical Chemistry A, 1999, 103, 1950-1957.	2.5	16
295	Synthesis, reactivity and structural chemistry of 5,10,15,20â€tetraalkylporphyrins. Journal of Porphyrins and Phthalocyanines, 1999, 3, 99-116.	0.8	25
296	On the molecular stereochemistry of the 21,22,23â€trimethylâ€5,10,15,20â€tetraphenylporphyrin cation. Journal of Porphyrins and Phthalocyanines, 1999, 3, 216-223.	0.8	3
297	Reactivity of Zinc(II) 5-Oxoniaprotoporphyrin-IX: Synthesis of the First 5-Oxonia-15-phlorin. Heterocycles, 1999, 50, 641.	0.7	0
298	Synthesis and Crystal Structures of Cofacial Bisoctaethylchlorins as Structural Models for the Special Pair. Photochemistry and Photobiology, 1998, 67, 312-323.	2.5	17
299	Axial Ligand Effects in Sterically Strained Porphyrins: A Crystallographic Study of Five- and Six-coordinated Metal Complexes of 2,3,7,8,12,13,17,18-Octaethyl-5,10,15,20-tetranitroporphyrin. Journal of Porphyrins and Phthalocyanines, 1998, 02, 107-121.	0.8	23
300	Porphyrins Like Boron After All. Angewandte Chemie - International Edition, 1998, 37, 1071-1072.	13.8	12
301	Facilemeso Functionalization of Porphyrins by Nucleophilic Substitution with Organolithium Reagents. Angewandte Chemie - International Edition, 1998, 37, 1107-1109.	13.8	75
302	Conformationally distorted chlorins via diimide reduction of nonplanar porphyrins. Tetrahedron, 1998, 54, 3781-3798.	1.9	38
303	Structure and Conformation of Photosynthetic Pigments and Related Compounds. XI. 5,10,15,20-Tetrabutylbacteriochlorin. Acta Crystallographica Section C: Crystal Structure Communications, 1998, 54, 1917-1919.	0.4	3
304	Novel Structural Principles in Magnesium Thiolate Chemistry:Â Monomers, Trimers, and the First Magnesiate Thiolate. Organometallics, 1998, 17, 3077-3086.	2.3	27
305	Synthesis and Spectroscopic Properties of Novel Benzochlorins Derived from Chlorophyll a. Journal of Organic Chemistry, 1998, 63, 1646-1656.	3.2	23
306	Wittig Reaction on Chlorin:Â Formation of an Unexpected Chlorinâ^'Spirochlorin Dimer with Significant Overlap between the Ï€ Electron System. Journal of Organic Chemistry, 1998, 63, 6434-6435.	3.2	5

#	Article	IF	Citations
307	Synthesis and Characterization of Na2{Ge(C6H3-2,6-Trip2)}2 and K2{Sn(C6H3-2,6-Trip2)}2 (Trip =) Tj ETQq1 1 0.784314 rgBT /Overl Chemical Society, 1998, 120, 12682-12683.	13.7	72
308	Non-planar porphyrins with mixed substituent pattern: bromination and formylation of ethyl-substituted tetraphenylporphyrins and tetraalkylporphyrins. Journal of the Chemical Society Dalton Transactions, 1998, , 4187-4200.	1.1	41
309	Electron Donor-Acceptor Compounds. Synthesis and Structure of 5-(1,4-Benzoquinone-2-yl)-10,15,20-trialkylporphyrins. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1998, 53, 1021-1030.	0.7	18
310	Axial ligand effects in sterically strained porphyrins. A crystallographic study of fiveâ€•and sixâ€•coordinated metal complexes of 2,3,7,8,12,13,17,18â€•octaethylâ€5,10,15,20â€•tetranitroporphyrin. Journal of Porphyrins and Phthalocyanines, 1998, 2, 107-121.	0.8	4
311	Facile meso Functionalization of Porphyrins by Nucleophilic Substitution with Organolithium Reagents. Angewandte Chemie - International Edition, 1998, 37, 1107-1109.	13.8	1
312	Metal-Catalyzed Oxidative Cyclizations ofa,c-Biladiene Salts Bearing 1- and/or 19-Arylmethyl Substituents:Â Macrocyclic Products and Their Chemistry. Journal of Organic Chemistry, 1997, 62, 4266-4276.	3.2	17
313	Tetracoordinated Manganese(III) Alkylcorrolates. Spectroscopic Studies and the Crystal and Molecular Structure of (7,13-Dimethyl-2,3,8,12,17,18-hexaethylcorrolato)manganese(III). Inorganic Chemistry, 1997, 36, 1564-1570.	4.0	63
314	Synthesis and Structural Characterization of Nonplanar Tetraphenylporphyrins and Their Metal Complexes with Graded Degrees of Î²-Ethyl Substitution. Inorganic Chemistry, 1997, 36, 6103-6116.	4.0	95
315	Functionalization of Corroles:Â Formylcorroles. Journal of Organic Chemistry, 1997, 62, 6193-6198.	3.2	45
316	Cyclohexylene-Bridged Porphyrin Quinones with Variable Acceptor Strength as Biomimetic Models for Photosynthesis:Â Evidence for Twist-Boat Conformation. Journal of Organic Chemistry, 1997, 62, 8666-8680.	3.2	18
317	Comparative Analysis of the Conformations of Symmetrically and Asymmetrically Deca- and Undecasubstituted Porphyrins Bearing Meso-Alkyl or -Aryl Groups. Inorganic Chemistry, 1997, 36, 1149-1163.	4.0	99
318	Pinacolâ^'Pinacolone Rearrangements invic-Dihydroxychlorins and Bacteriochlorins:Â Effect of Substituents at the Peripheral Positions. Journal of Organic Chemistry, 1997, 62, 1463-1472.	3.2	68
319	Novel oxidation reactions of sterically demanding 3,6-di-tert-butylporphyrin-o-quinones to muconic anhydride derivatives. Bioorganic and Medicinal Chemistry Letters, 1997, 7, 2589-2592.	2.2	9
320	Bis[(anhydro-meso-rhodochlorinato-XV methyl ester)zinc(II)]. Acta Crystallographica Section C: Crystal Structure Communications, 1997, 53, 1022-1024.	0.4	2
321	Structure and Conformation of Photosynthetic Pigments and Related Compounds. 10. Comparison of a Phytochlorin and Phytoporphyrin Derived from Chlorophylla. Acta Crystallographica Section C: Crystal Structure Communications, 1997, 53, 1314-1318.	0.4	5
322	Nâ€Methyl Derivatives of Highly Substituted Porphyrins â€“ the Combined Influence of Both Core and Peripheral Substitution on the Porphyrin Conformation. Liebigs Annalen, 1997, 1997, 1345-1352.	0.8	25
323	Oneâ€Step Synthesis of Functionalized Triptyceneâ€quinones as Acceptors for Electronâ€Transfer Compounds. Liebigs Annalen, 1997, 1997, 1951-1963.	0.8	37
324	Syntheses and Some Chemistry of 1,2- and 1,1-Bis(2-pyrrolyl)ethenes. Journal of Organic Chemistry, 1996, 61, 8508-8517.	3.2	20

#	Article	IF	Citations
325	Synthesis and Structural Characterization of Lithium Thiolates:Â Dependence of Association and Aggregation on Donor Hapticity and Ligand Size and Synthesis of the First Trimeric Lithium Thiolate [Li(THF)SR]3and the Solvent-Separated Ion Pair [Li(12-crown-4)2][SR] (R = 2,4,6-tBu3C6H2)1. Inorganic Chemistry, 1996, 35, 5820-5827.	4.0	35
326	Stepwise Syntheses of Bisporphyrins, Bischlorins, and Biscorroles, and of Porphyrinâ"Chlorin and Porphyrinâ"Corrole Heterodimers. Journal of the American Chemical Society, 1996, 118, 3869-3882.	13.7	102
327	Simple Methodology for Syntheses of Porphyrins Possessing Multiple Peripheral Substituents with an Element of Symmetry. Journal of Organic Chemistry, 1996, 61, 998-1003.	3.2	65
328	Synthesis and crystal structures of cofacial bischlorin. Octaethylchlorin-based structural models for the special pair in photosynthesis. Chemical Communications, 1996, , 2149.	4.1	17
329	Syntheses, characterization, and structural chemistry of biladien-ac-10-one and -bc-5-one metal complexes with 4N or (3N + O) co-ordination. Journal of the Chemical Society Dalton Transactions, 1996, , 3937.	1.1	32
330	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
331	Crystal and molecular structures of some mono-meso-substituted free base and zinc(II)octaalkylporphyrins. Zeitschrift Fur Kristallographie - Crystalline Materials, 1996, 211, 176-185.	0.8	19
332	Planare Bischlorophyllderivate mit vollstÃndig konjugiertem Ï€â€System â€•Modellverbindungen fÃ¼r das Spezialpaar der Photosynthese. Angewandte Chemie, 1996, 108, 1982-1984.	2.0	8
333	Selbstorganisation kovalent verbrÃ¼ckter, supramolekularer Verbindungen mit definierter Struktur: die bemerkenswerte RedoxreaktivitÃt 15â€mesoâ€substituierter 5â€Oxoporphyrine. Angewandte Chemie, 1996, 108, 2657-2660.	2.0	8
334	Planar Bischlorophyll Derivatives with a Completely ConjugatedÏ€-System: Model Compounds for the Special Pair in Photosynthesis. Angewandte Chemie International Edition in English, 1996, 35, 1840-1842.	4.4	41
335	Ï€-Pyrroleâ€"Metal Complexesâ€"The Missing Coordination Mode for Metalâ€"Porphyrin Interactions. Angewandte Chemie International Edition in English, 1996, 35, 1923-1925.	4.4	34
336	Self-Assembling Covalently Linked Supramolecular Arrays of Defined Structure: The Remarkable Redox Reactivity of 15-meso-Substituted 5-Oxyporphyrins. Angewandte Chemie International Edition in English, 1996, 35, 2496-2499.	4.4	25
337	Synthesis and structural characterization of nonplanar tetraphenylporphyrins with graded degree of Î²-ethyl substitution. Tetrahedron Letters, 1996, 37, 1183-1186.	1.4	32
338	Bis(methanol-O)(2,3,7,8,12,13,17,18-octaethylporphyrinato-N,N',N'',N''')iron(III) Perchlorate Bis(methanol) Solvate, [FeIII(oep)(HOCH3)2](ClO4).2CH3OH. Acta Crystallographica Section C: Crystal Structure Communications, 1996, 52, 302-305.	0.4	1
339	Sterically Strained Porphyrinsâ€"Influence of Core Protonation and Peripheral Substitution on the Conformation of Tetra-meso-, Octa-Î²-, and Dodeca-Substituted Porphyrin Dications. Angewandte Chemie International Edition in English, 1995, 33, 2485-2487.	4.4	82
340	Structure and Conformation of Photosynthetic Pigments and Related Compounds, 8 [1] />Molecular Structure of an Iron(III) Chlorophyll Derivative-Chloro(phytochlorinato methyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td 139-146.	0.7	10
341	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
342	Synthesis and Characterization of the Strontium Thiolate Sr(SMes*)2(THF)4.cntdot.2THF (Mes* =) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Inorganic Chemistry, 1995, 34, 2587-2592.	4.0	46

#	Article	IF	Citations
343	Crystal structure of a remarkably ruffled nonplanar porphyrin (pyridine)[5,10,15,20-tetra(tert-butyl)porphyrinato]zinc(II). Journal of the Chemical Society Chemical Communications, 1995, , 733.	2.0	50
344	Synthesis and characterization of models for the bilin catabolites of chlorophylls using metallo-Î²-oxochlorins and -benzo[at]chlorins: comparison of macrocycle cleavage versus meso-oxochlorin formation. Journal of the Chemical Society Perkin Transactions 1, 1995, , 705-714.	0.9	5
345	Biosynthesis and Structures of the Bacteriochlorophylls. , 1995, , 137-151.		13
346	One-pot synthesis of regiochemically pure porphyrins from two different pyrroles. Tetrahedron Letters, 1994, 35, 7581-7584.	1.4	24
347	5,10,15,20-Tetra-tert-butylporphyrin and Its Remarkable Reactivity in the 5- and 15-Positions. Angewandte Chemie International Edition in English, 1994, 33, 1879-1881.	4.4	104
348	STRUCTURE AND CONFORMATION OF PHOTOSYNTHETIC PIGMENTS AND RELATED COMPOUNDS 7. ON THE CONFORMATION OF THE METHYL ESTER OF (20-METHYLPHYTOCHLORINATO)NICKEL(II)-A BAaERIOCHLOROPHYLL c MODEL COMPOUND. Photochemistry and Photobiology, 1994, 60, 139-142.	2.5	17
349	Syntheses, structure, properties and chemistry of 1,1-di(pyrrolyl)ethenes. Journal of the Chemical Society Chemical Communications, 1994, , 791.	2.0	6
350	Benzoporphyrin derivatives: synthesis, structure and preliminary biological activity. Journal of the Chemical Society Perkin Transactions 1, 1994, , 961.	0.9	15
351	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]. Journal of the Chemical Society Chemical Communications, 1994, , 923.	2.0	25
352	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. Inorganic Chemistry, 1994, 33, 5625-5638.	4.0	69
353	Conformational Study of 2,3,5,7,8,12,13,15,17,18-Decaalkylporphyrins. Inorganic Chemistry, 1994, 33, 3865-3872.	4.0	42
354	Models for the Photosynthetic Reaction Centerâ€"Synthesis and Structure of Porphyrin Dimers withcis- andtrans-Ethene and Skewed Hydroxymethylene Bridges. Angewandte Chemie International Edition in English, 1993, 32, 750-753.	4.4	74
355	Modelle fÃ¼r das photosynthetische Reaktionszentrum: Synthese und Struktur von cisâ€•und transâ€Ethenverbrücken sowie gewinkelten HydroxymethylenverbrÃ¼cken Porphyrindimeren. Angewandte Chemie, 1993, 105, 745-747.	2.0	20
356	Chemical synthesis of a â€œGSA-pyrroleâ€•and its reaction with Ehrlich's reagent. Tetrahedron, 1993, 49, 1343-1350.	1.9	15
357	RECENT ADVANCES IN THE BIOSYNTHESIS AND CHEMISTRY OF THE CHLOROPHYLLS. Photochemistry and Photobiology, 1993, 57, 189-206.	2.5	39
358	AGGREGATION OF 2,3â€ĐIHYDROXYâ€ETIOCHLORIN I. AN AMPHIPHILIC MODEL COMPOUND FOR PHOTODYNAMIC THERAPY AND GREEN HEME d. Photochemistry and Photobiology, 1993, 58, 748-752.	2.5	3
359	Rational tetraarylporphyrin syntheses: tetraarylporphyrins from the MacDonald route. Journal of Organic Chemistry, 1993, 58, 7245-7257.	3.2	131
360	Prevention of out-of-plane macrocycle distortion by thallium in the sterically strained 2,3,7,8,12,13,17,18-octaethyl-5,10,15,20-tetranitroporphyrin. Journal of the Chemical Society Dalton Transactions, 1993, , 3539.	1.1	19

#	Article	IF	Citations
361	A novel 2,18-bridged biliverdin derivative. Journal of the Chemical Society Chemical Communications, 1993, , 872.	2.0	8
362	Structure and conformation of photosynthetic pigments and related compounds. Part 6. The first crystal structure of a covalently-linked chlorin dimer: 20,20â€²-ethylenebis(trans-2,3,7,8,12,13,17,18-octaethylchlorin). Journal of the Chemical Society Perkin Transactions II, 1993, , 11-16.	0.9	14
363	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. Journal of the Chemical Society Dalton Transactions, 1993, , 3519.	1.1	24
364	A planar dodecasubstituted porphyrin. Inorganic Chemistry, 1993, 32, 1716-1723.	4.0	69
365	Aggregation properties of nitroporphyrins: comparisons between solid-state and solution structures. Inorganic Chemistry, 1993, 32, 3134-3142.	4.0	37
366	Structure and conformation of photosynthetic pigments and related compounds. 5. Structural investigation of nickel(II) bacteriopetroporphyrins related to the bacteriochlorophylls c and d: evidence for localized conformational distortion in the c-series. Inorganic Chemistry, 1993, 32, 1259-1265.	4.0	19
367	Metal dependence of the nonplanar distortion of octaalkyltetraphenylporphyrins. Journal of the American Chemical Society, 1993, 115, 581-592.	13.7	256
368	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. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1993, 48, 991-999.	0.7	9
369	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
370	Structure and conformation of photosynthetic pigments and related compounds. 1. Methyl mesopyropheophorbide a. Zeitschrift FÃ¼r Kristallographie, 1992, 199, 239-248.	1.1	15
371	Structural evidence for nonplanar keto- and planar enol-forms of oxophlorins. Journal of the Chemical Society Chemical Communications, 1992, , 1108.	2.0	11
372	Nonplanar distortion modes for highly substituted porphyrins. Journal of the American Chemical Society, 1992, 114, 9859-9869.	13.7	341
373	Notes: Structure and Conformation of Photosynthetic Pigments and Related Compounds 3. Crystal Structure of Î²-Carotene. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 1992, 47, 474-476.	1.4	43
374	Oxoporphyrins â€“ 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
375	Structural Investigations on Mono- and Di-Acrolein Substituted Ni(II) Porphyrins and a Ni(II) Benzochlorin. Model Compounds for Photosensitizers in Photodynamic Therapy. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 1992, 47, 1189-1202.	0.7	16
376	New Syntheses of benzoporphyrin derivatives and analogues for use in photodynamic therapy. Bioorganic and Medicinal Chemistry Letters, 1992, 2, 1575-1580.	2.2	17
377	New trends in photobiology. Journal of Photochemistry and Photobiology B: Biology, 1992, 16, 3-36.	3.8	119
378	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

#	Article	IF	Citations
379	Structure and conformation of photosynthetic pigments and related compounds. 4. Two crystal forms of a chlorin - rhodochlorin XV dimethyl ester. Acta Crystallographica Section C: Crystal Structure Communications, 1992, 48, 1810-1815.	0.4	6
380	Resonance Raman spectroscopy of non-planar nickel porphyrins. Journal of Raman Spectroscopy, 1992, 23, 523-529.	2.5	62
381	Adaptation of the Photosynthetic Apparatus of Chlorella and Ankistrodesmus to Blue and Red Light. Botanica Acta, 1991, 104, 139-143.	1.6	21
382	STRUCTURE and CONFORMATION OF PHOTOSYNTHETIC PIGMENTS and RELATED COMPOUNDS. 2. NICKEL (II) METHYL PYROPHEOPHORBIDE aâ€“A SEVERELY ISTORTED CHLOROPHYLL DERIVATIVE. Photochemistry and Photobiology, 1991, 54, 841-846.	2.5	26
383	Preparation and crystal structure of methyl [12â€acetylâ€8â€ethyl]â€bacteriopheophorbide d. â€“ A new bacteriochlorophyll derivative. Liebigs Annalen Der Chemie, 1991, 1991, 871-874.	0.8	10
384	AGGREGATION OF MONOVINYL- and DIVINYL-PROTOCHLOROPHYLLIDE IN ORGANICSOLVENTS. Photochemistry and Photobiology, 1990, 52, 95-101.	2.5	28
385	Functional changes in the photosynthetic apparatus during light adaptation of the green alga Chlorella fusca. Journal of Photochemistry and Photobiology B: Biology, 1990, 8, 63-71.	3.8	17
386	Determination of structure and properties of modified chlorophylls by using fast atom bombardment combined with tandem mass spectrometry. Journal of the American Society for Mass Spectrometry, 1990, 1, 72-84.	2.8	53
387	Response of the Photosynthetic Apparatus during Adaptation of Chlorella and Ankistrodesmus to Irradiance Changes. Journal of Plant Physiology, 1990, 136, 675-679.	3.5	15
388	Enzymic meso-chlorination of chlorophylls using chloroperoxidase. Biochimica Et Biophysica Acta - Bioenergetics, 1989, 977, 177-186.	1.0	10
389	Enzymatic Chlorination of Chlorophyll a In Vitro. , 1989, , 119-122.		3
390	CHLORINATION OF ISOLATED CHLOROPHYLLS in vitro. Photochemistry and Photobiology, 1988, 48, 711-717.	2.5	10
391	The chlorinated chlorophyll RC I, a preparation artefact. FEBS Letters, 1988, 234, 215-217.	2.8	23
392	Chlorophyll RC I, its Structure, Function and Biosynthesis. , 1987, , 491-498.		5
393	Photochemical Transformations Involving Zinc Porphyrins and Phthalocyanines. , 0, , 395-419.		3