Claude Gros

List of Publications by Year
in descending order

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160	5,208	81900	114465
papers	citations	39 h-index	63 g-index

167	167	167	4045
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cobalt(III) Corroles as Electrocatalysts for the Reduction of Dioxygen:Â Reactivity of a Monocorrole, Biscorroles, and Porphyrinâ˜Corrole Dyads. Journal of the American Chemical Society, 2005, 127, 5625-5631.	13.7	233
2	Mechanism of Four-Electron Reduction of Dioxygen to Water by Ferrocene Derivatives in the Presence of Perchloric Acid in Benzonitrile, Catalyzed by Cofacial Dicobalt Porphyrins. Journal of the American Chemical Society, 2004, 126, 10441-10449.	13.7	206
3	Efficient Photoinduced Electron Transfer in a Porphyrin Tripodâ˜Fullerene Supramolecular Complex via Ï€â˜Ï€ Interactions in Nonpolar Media. Journal of the American Chemical Society, 2010, 132, 4477-4489.	13.7	152
4	Molecular Electrocatalysis for Oxygen Reduction by Cobalt Porphyrins Adsorbed at Liquid/Liquid Interfaces. Journal of the American Chemical Society, 2010, 132, 2655-2662.	13.7	141
5	The photophysics and photochemistry of cofacial free base and metallated bisporphyrins held together by covalent architectures. Coordination Chemistry Reviews, 2007, 251, 401-428.	18.8	126
6	Biomimetic Oxygen Reduction by Cofacial Porphyrins at a Liquidâ€“Liquid Interface. Journal of the American Chemical Society, 2012, 134, 5974-5984.	13.7	118
7	Enhanced Electronâ€Transfer Properties of Cofacial Porphyrin Dimers through Ï€â€“Ï€ Interactions. Chemistry - A European Journal, 2009, 15, 3110-3122.	3.3	116
8	Persistent Electron-Transfer State of a Ï€-Complex of Acridinium Ion Inserted between Porphyrin Rings of Cofacial Bisporphyrins. Journal of the American Chemical Society, 2006, 128, 14625-14633.	13.7	110
9	Proton-Coupled Oxygen Reduction at Liquidâ˜Liquid Interfaces Catalyzed by Cobalt Porphine. Journal of the American Chemical Society, 2009, 131, 13453-13459.	13.7	109
10	Catalytic Activity of Biscobalt Porphyrin-Corrole Dyads Toward the Reduction of Dioxygen. Inorganic Chemistry, 2009, 48, 2571-2582.	4.0	107
11	Clarification of the Oxidation State of Cobalt Corroles in Heterogeneous and Homogeneous Catalytic Reduction of Dioxygen. Inorganic Chemistry, 2008, 47, 6726-6737.	4.0	105
12	Self-Assembled Molecular Rafts at Liquid|Liquid Interfaces for Four-Electron Oxygen Reduction. Journal of the American Chemical Society, 2012, 134, 498-506.	13.7	87
13	Dehydrogenation versus Oxygenation in Two-Electron and Four-Electron Reduction of Dioxygen by 9-Alkyl-10-methyl-9,10-dihydroacridines Catalyzed by Monomeric Cobalt Porphyrins and Cofacial Dicobalt Porphyrins in the Presence of Perchloric Acid. Journal of the American Chemical Society, 2004, 126, 17059-17066.	13.7	83
14	Alkyl and Aryl Substituted Corroles. 3. Reactions of Cofacial Cobalt Biscorroles and Porphyrin-Corroles with Pyridine and Carbon Monoxide. Inorganic Chemistry, 2002, 41, 3990-4005.	4.0	82
15	Modulation of the Singletâ˜Singlet Through-Space Energy Transfer Rates in Cofacial Bisporphyrin and Porphyrinâ˜Corrole Dyads. Inorganic Chemistry, 2007, 46, 125-135.	4.0	81
16	Oxygen Reduction Catalyzed by a Fluorinated Tetraphenylporphyrin Free Base at Liquid/Liquid Interfaces. Journal of the American Chemical Society, 2010, 132, 13733-13741.	13.7	80
17	Alkyl and Aryl Substituted Corroles. 1. Synthesis and Characterization of Free Base and Cobalt Containing Derivatives. X-ray Structure of (Me4Ph5Cor)Co(py)2. Inorganic Chemistry, 2001, 40, 4845-4855.	4.0	74
18	Electrochemistry, Spectroelectrochemistry, Chloride Binding, and O2Catalytic Reactions of Free-Base Porphyrinâ˜Cobalt Corrole Dyads. Inorganic Chemistry, 2005, 44, 6744-6754.	4.0	74

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19	Faceâ€toâ€Face Pacmanâ€Type Porphyrinâ€“Fullerene Dyads: Design, Synthesis, Chargeâ€Transfer Interactions, and Photophysical Studies. Chemistry - A European Journal, 2008, 14, 674-681.	3.3	72
20	Cobalt(IV) corroles as catalysts for the electroreduction of O2: Reactions of heterobimetallic dyads containing a face-to-face linked Fe(III) or Mn(III) porphyrin. Journal of Inorganic Biochemistry, 2006, 100, 858-868.	3.5	69
21	Alkyl- and Aryl-Substituted Corroles. 5. Synthesis, Physicochemical Properties, and X-ray Structural Characterization of Copper Biscorroles and Porphyrinâ^Corrole Dyads. Inorganic Chemistry, 2004, 43, 7441-7455.	4.0	67
22	Slow and Fast Singlet Energy Transfers in BODIPY-gallium(III)corrole Dyads Linked by Flexible Chains. Inorganic Chemistry, 2014, 53, 3392-3403.	4.0	67
23	Corroles at work: a small macrocycle for great applications. Chemical Society Reviews, 2022, 51, 1277-1335.	38.1	67
24	Porphyrins and BODIPY as Building Blocks for Efficient Donor Materials in Bulk Heterojunction Solar Cells. Solar Rrl, 2017, 1, 1700127.	5.8	62
25	Proton Pump for O₂ Reduction Catalyzed by 5,10,15,20â€Tetraphenylporphyrinatocobalt(II). Chemistry - A European Journal, 2009, 15, 2335-2340.	3.3	61
26	Alkyl and Aryl Substituted Corroles. 2. Synthesis and Characterization of Linked â€œFace-to-Faceâ€• Biscorroles. X-ray Structure of (BCA)Co2(py)3, Where BCA Represents a Biscorrole with an Anthracenyl Bridge. Inorganic Chemistry, 2001, 40, 4856-4865.	4.0	58
27	On corrole chemistry. An isomerization study and oxidative cleavage of the corrole macroring to a biliverdin structure. Journal of Heterocyclic Chemistry, 1998, 35, 965-970.	2.6	57
28	First syntheses of fused pyrroloporphyrins. Chemical Communications, 1996, , 1475.	4.1	56
29	Heterobimetallic Complexes of Cobalt(IV) Porphyrinâ^Corrole Dyads. Synthesis, Physicochemical Properties, and X-ray Structural Characterization. Inorganic Chemistry, 2005, 44, 3972-3983.	4.0	54
30	Synthesis and Photodynamics of Fluorescent Blue BODIPY-Porphyrin Tweezers Linked by Triazole Rings. Journal of Physical Chemistry A, 2012, 116, 3889-3898.	2.5	54
31	Corroles with Group 15 Ions. 2. Synthesis and Characterization of Octaethylcorroles Containing a Phosphorus Central Atom. Inorganic Chemistry, 2000, 39, 5675-5682.	4.0	53
32	B,B-Diporphyrinbenzyloxy-BODIPY Dyes: Synthesis and Antenna Effect. Journal of Organic Chemistry, 2012, 77, 3646-3650.	3.2	53
33	New potential bimodal imaging contrast agents based on DOTA-like and porphyrin macrocycles. MedChemComm, 2011, 2, 119-125.	3.4	49
34	Room-Temperature Autoconversion of Free-Base Corrole into Free-Base Porphyrin. Angewandte Chemie - International Edition, 2006, 45, 5642-5645.	13.8	46
35	BODIPYâ€“diketopyrrolopyrroleâ€“porphyrin conjugate small molecules for use in bulk heterojunction solar cells. Journal of Materials Chemistry A, 2018, 6, 8449-8461.	10.3	45
36	Fine tuning of the photophysical properties of cofacial diporphyrins via the use of different spacers. Journal of Organometallic Chemistry, 2002, 643-644, 89-97.	1.8	44

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37	Antenna effects in truxene-bridged BODIPY triarylzinc(<scp>ii</scp>)porphyrin dyads: evidence for a dual Dexterâ€“FÃ¶rster mechanism. Dalton Transactions, 2014, 43, 8219-8229.	3.3	44
38	Identifying G-Quadruplex-DNA-Disrupting Small Molecules. Journal of the American Chemical Society, 2021, 143, 12567-12577.	13.7	44
39	Alkyl- and Aryl-Substituted Corroles. 4. Solvent Effects on the Electrochemical and Spectral Properties of Cobalt Corroles. Inorganic Chemistry, 2003, 42, 4062-4070.	4.0	43
40	Energy Transfers in Monomers, Dimers, and Trimers of Zinc(II) and Palladium(II) Porphyrins Bridged by Rigid Pt-Containing Conjugated Organometallic Spacers. Inorganic Chemistry, 2009, 48, 7613-7629.	4.0	41
41	Electrochemistry and Spectroelectrochemistry of Heterobimetallic Porphyrinâ^'Corrole Dyads. Influence of the Spacer, Metal Ion, and Oxidation State on the Pyridine Binding Ability. Inorganic Chemistry, 2005, 44, 9023-9038.	4.0	39
42	Evidence of tetraphenylporphyrin monoacids by ion-transfer voltammetry at polarized liquid|liquid interfaces. Chemical Communications, 2008, , 5037.	4.1	38
43	Synthesis of a â€˜face-to-faceâ€™ porphyrin-corrole. A potential precursor of a catalyst for the four-electron reduction of dioxygen. New Journal of Chemistry, 1998, 22, 1327-1329.	2.8	37
44	New One-Step Synthesis of 3,4-Disubstituted Pyrrole-2,5-dicarbaldehydes. Synthesis, 1998, 1998, 267-268.	2.3	37
45	Solvent, Anion, and Structural Effects on the Redox Potentials and UVâ^'visible Spectral Properties of Mononuclear Manganese Corroles. Inorganic Chemistry, 2008, 47, 7717-7727.	4.0	37
46	Harnessing Natureâ€™s Insights: Synthetic Small Molecules with Peroxidaseâ€Mimicking DNAzyme Properties. Chemistry - A European Journal, 2011, 17, 10857-10862.	3.3	37
47	Peculiar reactivity of face to face biscorrole and porphyrinâ€“corrole with a nickel(II) salt. X-Ray structural characterization of a new nickel(II) bisoxocorrole. New Journal of Chemistry, 2001, 25, 93-101.	2.8	36
48	Three-Metal Coordination by Novel Bisporphyrin Architectures. Inorganic Chemistry, 2010, 49, 8929-8940.	4.0	34
49	Carbazole-based green and blue-BODIPY dyads and triads as donors for bulk heterojunction organic solar cells. Dalton Transactions, 2020, 49, 5606-5617.	3.3	34
50	Metalloporphyrins as sensing material for quartz-crystal microbalance nitroaromatics sensors. IEEE Sensors Journal, 2005, 5, 610-615.	4.7	32
51	First synthesis of sterically hindered cofacial bis(corroles) and their bis(cobalt) complexes. Chemical Communications, 1998, , 2007-2008.	4.1	30
52	Cobalt Corroles with Bisâ€Ammonia or Monoâ€DMSO Axial Ligands. Electrochemical, Spectroscopic Characterizations and Ligand Binding Properties. European Journal of Inorganic Chemistry, 2018, 2018, 4265-4277.	2.0	30
53	Multimodal Theranostic Cyanine-Conjugated Gadolinium(III) Complex for In Vivo Imaging of Amyloid-Î² in an Alzheimerâ€™s Disease Mouse Model. ACS Applied Materials & Interfaces, 2021, 13, 18525-18532.	8.0	30
54	Luminescence properties of a cofacial dipalladium porphyrin dimer under argon and in the presence of dioxygen. Journal of Porphyrins and Phthalocyanines, 2001, 05, 569-574.	0.8	29

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55	Preparation, Characterization, and Luminescence Properties of Galliumâ^'Metal Face-to-Face Diporphyrins (M = H2, GaL, Ru(CO)(OH), Co). Inorganic Chemistry, 2001, 40, 4134-4142.	4.0	28
56	Design and Photophysical Properties of Zinc(II) Porphyrinâ€Containing Dendrons Linked to a Central Artificial Special Pair. Chemistry - A European Journal, 2011, 17, 14643-14662.	3.3	28
57	Porphyrin-templated synthetic G-quartet (PorphySQ): a second prototype of G-quartet-based G-quadruplex ligand. Organic and Biomolecular Chemistry, 2012, 10, 5212.	2.8	28
58	Design of Porphyrinâ€dotaâ€Like Scaffolds as Allâ€inâ€One Multimodal Heterometallic Complexes for Medical Imaging. European Journal of Organic Chemistry, 2013, 2013, 6629-6643.	2.4	28
59	Porphyrin Antenna-Enriched BODIPYâ€"Thiophene Copolymer for Efficient Solar Cells. ACS Applied Materials & Interfaces, 2018, 10, 992-1004.	8.0	28
60	Comments on the through-space singlet energy transfers and energy migration (exciton) in the light harvesting systems. Journal of Inorganic Biochemistry, 2008, 102, 395-405.	3.5	27
61	Through-Bond versus Through-Space T1 Energy Transfers in Organometallic Compoundâ^'Metalloporphyrin Pigments. Organometallics, 2010, 29, 317-325.	2.3	27
62	Prediction of the Coordination Scheme of Lanthanide N-Tetrasubstituted Tetraazamacrocycles:â€‰ An X-ray Crystallography and Molecular Modeling Study. Inorganic Chemistry, 1997, 36, 3827-3838.	4.0	26
63	Structure and mixed spin state of the chloroiron(III) complex of 2,3,7,8,12,13,17,18-octaphenyl-5,10,15,20-tetraphenylporphyrin, Fe(dpp)Cl. Inorganica Chimica Acta, 2002, 337, 223-232.	2.4	26
64	Mono-DMSO ligated cobalt nitrophenylcorroles: electrochemical and spectral characterization. New Journal of Chemistry, 2018, 42, 8220-8229.	2.8	26
65	Synthesis and the Effect of Anions on the Spectroscopy and Electrochemistry of Mono(dimethyl) Tj ETQq1 1 0.784314 rgBT /Overlock	4.0	26
66	A convenient synthesis of functionalized tetraphenylchlorins. Chemical Communications, 1996, , 2581.	4.1	25
67	Synthesis, Electrochemistry, and Photophysics of Azaâ€BODIPY Porphyrin Dyes. Chemistry - A European Journal, 2016, 22, 4971-4979.	3.3	25
68	Electrochemistry of Bis(pyridine)cobalt (Nitrophenyl)corroles in Nonaqueous Media. Inorganic Chemistry, 2018, 57, 1226-1241.	4.0	25
69	Old Dog, New Tricks: Innocent, Five-coordinate Cyanocobalt Corroles. Inorganic Chemistry, 2020, 59, 8562-8579.	4.0	25
70	Dynamics of Closure of Zinc Bisâ€Porphyrin Molecular Tweezers with Copper(II) Ions and Electron Transfer. Chemistry - A European Journal, 2011, 17, 10670-10681.	3.3	24
71	Dioxygen Reduction by Cobalt(II) Octaethylporphyrin at Liquid|Liquid Interfaces. ChemPhysChem, 2010, 11, 2979-2984.	2.1	23
72	New silica-gel-bound polyazacycloalkanes and characterization of their copper(II) complexes using electron spin resonance spectroscopy. Journal of the Chemical Society Dalton Transactions, 1996, , 1209-1214.	1.1	22

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73	New insights into the synthesis of porphyrin-corrole and biscorrole systems. Journal of Porphyrins and Phthalocyanines, 2003, 07, 365-374.	0.8	22
74	Nonfullerene Polymer Solar Cells Reaching a 9.29% Efficiency Using a BODIPY-Thiophene Backboned Donor Material. ACS Applied Energy Materials, 2018, 1, 3359-3368.	5.1	22
75	Synthesis, spectroscopic characterization, one and two-photon absorption properties, and electrochemistry of truxene Ï€-expanded BODIPYs dyes. Dyes and Pigments, 2020, 176, 108183.	3.7	21
76	Electrochemistry, spectroelectrochemistry and catalytic activity of biscobalt bisporphyrin dyads towards dioxygen reduction. Journal of Porphyrins and Phthalocyanines, 2011, 15, 467-479.	0.8	20
77	Porous organic polymers based on cobalt corroles for carbon monoxide binding. Dalton Transactions, 2019, 48, 11651-11662.	3.3	20
78	Shape-persistent poly-porphyrins assembled by a central truxene: synthesis, structure, and singlet energy transfer behaviors. Journal of Porphyrins and Phthalocyanines, 2013, 17, 44-55.	0.8	19
79	PorphyrinâEBased Design of Bioinspired Multitarget Quadruplex Ligands. ChemMedChem, 2014, 9, 2035-2039.	3.2	19
80	A Very Low Band Gap Diketopyrrolopyrroleâ€“Porphyrin Conjugated Polymer. ChemPlusChem, 2017, 82, 625-630.	2.8	19
81	Ligand Noninnocence in Cobalt Dipyrrinâ€“Bisphenols: Spectroscopic, Electrochemical, and Theoretical Insights Indicating an Emerging Analogy with Corroles. Inorganic Chemistry, 2019, 58, 7677-7689.	4.0	19
82	Electrochemistry and Spectroelectrochemistry of Bismanganese Porphyrin-Corrole Dyads. Inorganic Chemistry, 2011, 50, 3479-3489.	4.0	18
83	Photoinduced electron transfer in supramolecular complexes of a Ï€-extended viologen with porphyrin monomer and dimer. RSC Advances, 2012, 2, 3741.	3.6	18
84	Ruthenium and Osmium Complexes of Phosphine-Porphyrin Derivatives as Potential Bimetallic Theranostics: Photophysical Studies. Organometallics, 2015, 34, 1218-1227.	2.3	18
85	Goldâ€“phosphineâ€“porphyrin as potential metal-based theranostics. Journal of Biological Inorganic Chemistry, 2015, 20, 143-154.	2.6	18
86	Influence of interfering gases on a carbon monoxide differential sensor based on SAW devices functionalized with cobalt and copper corroles. Sensors and Actuators B: Chemical, 2021, 332, 129507.	7.8	18
87	Through space singlet-singlet and triplet-triplet energy transfers in cofacial bisporphyrins held by the carbazoyl spacer. Journal of Porphyrins and Phthalocyanines, 2007, 11, 244-257.	0.8	17
88	Through space singlet energy transfers in light-harvesting systems and cofacial bisporphyrin dyads. Journal of Porphyrins and Phthalocyanines, 2010, 14, 55-63.	0.8	17
89	Photodynamics in stable complexes composed of a zinc porphyrin tripod and pyridyl porphyrins assembled by multiple coordination bonds. Physical Chemistry Chemical Physics, 2010, 12, 12160.	2.8	17
90	Room temperature ionic liquids based on cationic porphyrin derivatives and tetrakis(pentafluorophenyl)borate anion. Journal of Porphyrins and Phthalocyanines, 2011, 15, 560-574.	0.8	17

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91	Tetracationic and Tetraanionic Manganese Porphyrins: Electrochemical and Spectroelectrochemical Characterization. Inorganic Chemistry, 2017, 56, 8045-8057.	4.0	17
92	Synthesis, spectroscopic characterization, one and two-photon absorption properties and electrochemistry of -expanded BODIPYs dyes. Dyes and Pigments, 2020, 175, 108173.	3.7	17
93	Synthesis and characterization of a novel series of bis-linked diaza-18-crown-6 porphyrins. New Journal of Chemistry, 1998, 22, 621-626.	2.8	16
94	Synthesis of an anthracenyl bridged porphyrinâ€“corrole bismacrocycle. Physicochemical and electrochemical characterisation of the biscobalt Î¼-superoxo derivative. Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry, 2001, 4, 245-254.	0.1	16
95	X-ray structures and luminescence properties of Co(II) and Co(III) complexes of cofacial diporphyrins. Journal of Porphyrins and Phthalocyanines, 2003, 07, 474-483.	0.8	16
96	Truxene-BODIPY dyads and triads: Synthesis, spectroscopic characterization, one and two-photon absorption properties and electrochemistry. Dyes and Pigments, 2020, 179, 108380.	3.7	16
97	Red/NIR neutral BODIPY-based fluorescent probes for lighting up mitochondria. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 248, 119199.	3.9	16
98	Efficient Twoâ€Step Synthesis of Faceâ€toâ€Face mesoâ€Substituted Bis(corrole) Dyads. European Journal of Organic Chemistry, 2008, 2008, 1181-1186.	2.4	15
99	Rational synthetic design of well-defined Pt(bisethynyl)/Zn(porphyrin) oligomers for potential applications in photonics. New Journal of Chemistry, 2011, 35, 1302.	2.8	15
100	Excited State Nâˆ'H Tautomer Selectivity in the Singlet Energy Transfer of a Zinc(II)â€Porphyrinâ€“Truxeneâ€“Corrole Assembly. Chemistry - A European Journal, 2017, 23, 5010-5022.	3.3	15
101	Efficient energy transfer in a tri-chromophoric dyad containing BODIPYs and corrole based on a truxene platform. Journal of Porphyrins and Phthalocyanines, 2018, 22, 777-783.	0.8	15
102	Near-infrared emissive bacteriochlorin-diketopyrrolopyrrole triads: Synthesis and photophysical properties. Dyes and Pigments, 2019, 160, 747-756.	3.7	15
103	A New Versatile Synthesis of N,Nâ€²,Nâ€³,Nâ€³â€²-Tetra-(2-carboxyethyl)-and N,Nâ€²,Nâ€³,Nâ€³â€²-Tetra-(3-aminopropyl)-tetraazacycloalkanes by Michael Addition of Polyazacycloalkanes to Acrylic Acid and Acrylonitrile. Synthetic Communications, 1996, 26, 35-47.	2.1	14
104	Twoâ€Photon Absorption Properties and Structures of BODIPY and Its Dyad, Triad and Tetrad. ChemPlusChem, 2018, 83, 838-844.	2.8	14
105	Electrochemical and spectroscopic characterization of cobalt and zinc diaza-18-crown-6 porphyrins and of a zinc dioxocyclam porphyrin. Journal of Porphyrins and Phthalocyanines, 2000, 04, 639-648.	0.8	13
106	Greatly Enhanced Intermolecular Ï€â€Dimer Formation of a Porphyrin Trimer Radical Trications through Multiple Ï€â€…Bonds. Chemistry - A European Journal, 2011, 17, 3420-3428.	3.3	13
107	Surface-promoted aggregation of amphiphilic quadruplex ligands drives their selectivity for alternative DNA structures. Organic and Biomolecular Chemistry, 2015, 13, 7034-7039.	2.8	13
108	Synthesis and Antiviral Activity Evaluation of Nitroporphyrins and Nitrocorroles as Potential Agents against Human Cytomegalovirus Infection. ACS Infectious Diseases, 2015, 1, 350-356.	3.8	13

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109	Photovoltaic Properties of a Porphyrinâ€Containing Polymer as Donor in Bulk Heterojunction Solar Cells With Low Energy Loss. Solar Rrl, 2018, 2, 1700168.	5.8	13
110	First highly distorted Ï€-extended Fe(II) porphyrin â€“ a unique model to elucidate factors affecting the electrochemical potentials. Journal of Porphyrins and Phthalocyanines, 2004, 08, 1062-1066.	0.8	12
111	Origin of the temperature dependence of the rate of singlet energy transfer in a three-component truxene-bridged dyads. Journal of Porphyrins and Phthalocyanines, 2014, 18, 94-106.	0.8	12
112	Easy access to heterobimetallic complexes for medical imaging applications via microwave-enhanced cycloaddition. Beilstein Journal of Organic Chemistry, 2015, 11, 2202-2208.	2.2	12
113	Gold dipyrrin-bisphenolates: a combined experimental and DFT study of metalâ€“ligand interactions. RSC Advances, 2020, 10, 533-540.	3.6	12
114	Synthesis, spectroscopic characterization and one and two-photon absorption properties of Ï€-expanded thiophene and truxene BODIPYs dyes. Dyes and Pigments, 2021, 192, 109418.	3.7	12
115	New BODIPY derivatives with triarylamine and truxene substituents as donors for organic bulk heterojunction photovoltaic cells. Solar Energy, 2021, 227, 354-364.	6.1	12
116	X-Ray Detected Magnetic Resonance: A Unique Probe of the Precession Dynamics of Orbital Magnetization Components. International Journal of Molecular Sciences, 2011, 12, 8797-8835.	4.1	11
117	Synthetic strategy for preparation of a folate corrole DOTA heterobimetallic Cuâ€“Gd complex as a potential bimodal contrast agent in medical imaging. Tetrahedron Letters, 2015, 56, 7128-7131.	1.4	11
118	Electrochemical and Spectroelectrochemical Properties of Freeâ€Base Pyridylâ€•and Nâ€Alkylâ€4â€Pyridylporphyrins in Nonaqueous Media. ChemElectroChem, 2016, 3, 110-121.	3.4	11
119	Synthesis, Characterization, and Electrochemistry of Openâ€Chain Pentapyrroles and Sapphyrins with Highly Electronâ€Withdrawing mesoâ€Tetraaryl Substituents. Chemistry - A European Journal, 2017, 23, 12833-12844.	3.3	11
120	Porous materials applied to biomarker sensing in exhaled breath for monitoring and detecting non-invasive pathologies. Dalton Transactions, 2020, 49, 15161-15170.	3.3	11
121	Approaches to Î²-fused Porphyrinoporphyrins: Pyrrolo- and Dipyrromethaneporphyrins. Journal of Porphyrins and Phthalocyanines, 1997, 1, 201-212.	0.8	11
122	Electrochemistry and spectroelectrochemistry of bismanganese biscorroles dyads. Journal of Porphyrins and Phthalocyanines, 2011, 15, 188-196.	0.8	10
123	Redox properties of nitrophenylporphyrins and electrosynthesis of nitrophenyl-linked Zn porphyrin dimers or arrays. Journal of Porphyrins and Phthalocyanines, 2014, 18, 832-841.	0.8	10
124	Tuning the Electrochemistry of Freeâ€Base Porphyrins in Acidic Nonaqueous Media: Influence of Solvent, Supporting Electrolyte, and Ring Substituents. ChemElectroChem, 2016, 3, 228-241.	3.4	10
125	DNA structure-specific sensitization of a metalloporphyrin leads to an efficient in vitro quadruplex detection molecular tool. New Journal of Chemistry, 2016, 40, 5683-5689.	2.8	10
126	Random Structural Modification of a Low-Band-Gap BODIPY-Based Polymer. Journal of Physical Chemistry C, 2017, 121, 6478-6491.	3.1	10

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127	Synthesis and characterization of zinc carboxyâ€“porphyrin complexes for dye sensitized solar cells. New Journal of Chemistry, 2018, 42, 8151-8159.	2.8	10
128	Recent developments in dipyrrin based metal complexes: Self-assembled nanoarchitectures and materials applications. Journal of Porphyrins and Phthalocyanines, 2020, 24, 646-661.	0.8	10
129	Facile Synthesis of a Bis-linked Dioxocyclam Porphyrin. Journal of Porphyrins and Phthalocyanines, 1998, 02, 377-382.	0.8	9
130	Identification of metalloporphyrins extracted from the copper bearing black shale of Fore Sudetic Monocline (Poland). Minerals Engineering, 2006, 19, 1212-1215.	4.3	9
131	Towards the synthesis of substituted porphyrins by a pyridyl group bearing a reactive functionality. Journal of Porphyrins and Phthalocyanines, 2010, 14, 469-480.	0.8	8
132	The first example of cofacial bis(dipyrrins). New Journal of Chemistry, 2016, 40, 5835-5845.	2.8	8
133	A₃- and A₂B-fluorocorroles: synthesis, X-ray characterization and antiviral activity evaluation against human cytomegalovirus infection. RSC Medicinal Chemistry, 2020, 11, 783-801.	3.9	8
134	A₃- and A₂B-nitrocorroles: synthesis and antiviral activity evaluation against human cytomegalovirus infection. RSC Medicinal Chemistry, 2020, 11, 771-782.	3.9	8
135	Very fast singlet and triplet energy transfers in a tri-chromophoric porphyrin dyad aided by the truxene platform. Journal of Porphyrins and Phthalocyanines, 2015, 19, 427-441.	0.8	7
136	Cyclotriveratrylene-Containing Porphyrins. Inorganic Chemistry, 2016, 55, 9230-9239.	4.0	7
137	Assembly structures and electronic properties of truxeneâ€“porphyrin compounds studied by STM/STS. Dalton Transactions, 2019, 48, 8693-8701.	3.3	7
138	Surface Acoustic Wave Sensors for the Detection of Hazardous Compounds in Indoor Air. Proceedings (mdpi), 2017, 1, 444.	0.2	5
139	A bacteriochlorin-diketopyrrolopyrrole triad as a donor for solution-processed bulk heterojunction organic solar cells. Journal of Materials Chemistry C, 2019, 7, 9655-9664.	5.5	5
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141	Antipoxvirus Activity Evaluation of Optimized Corroles Based on Development of Autofluorescent ANCHOR Myxoma Virus. ACS Infectious Diseases, 2021, 7, 2370-2382.	3.8	5
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