Qiu-Cheng Chen

List of Publications by Year
in descending order

37 papers	1,863 citations	430754 18 h-index	360920 35 g-index
39 all docs	39 docs citations	39 times ranked	1198 citing authors

#	Article	IF	Citations
1	The First Direct Synthesis of Corroles from Pyrrole. Angewandte Chemie - International Edition, 1999, 38, 1427-1429.	7.2	497
2	Solvent-Free Condensation of Pyrrole and Pentafluorobenzaldehyde:Â A Novel Synthetic Pathway to Corrole and Oligopyrromethenes. Organic Letters, 1999, 1, 599-602.	2.4	265
3	Selective Substitution of Corroles:â€‰ Nitration, Hydroformylation, and Chlorosulfonation. Journal of the American Chemical Society, 2002, 124, 7411-7420.	6.6	156
4	Coordination Chemistry of the Novel 5,10,15-Tris(pentafluorophenyl)corrole:Â Synthesis, Spectroscopy, and Structural Characterization of Its Cobalt(III), Rhodium(III), and Iron(IV) Complexes. Inorganic Chemistry, 2000, 39, 2704-2705.	1.9	113
5	Photodynamic inactivation of mold fungi spores by newly developed charged corroles. Journal of Photochemistry and Photobiology B: Biology, 2014, 133, 39-46.	1.7	85
6	Metallocorroles as cytoprotective agents against oxidative and nitrative stress in cellular models of neurodegeneration. Journal of Neurochemistry, 2010, 113, 363-373.	2.1	78
7	High-resolution NMR spectroscopic trends and assignment rules of metal-free, metallated and substituted corroles. Magnetic Resonance in Chemistry, 2004, 42, 624-635.	1.1	72
8	Ligand Induced Anionic Cuprous Cyanide Framework for Cupric Ion Turn on Luminescence Sensing and Photocatalytic Degradation of Organic Dyes. Inorganic Chemistry, 2016, 55, 75-82.	1.9	37
9	Facile synthesis of ortho-pyridyl-substituted corroles and molecular structures of analogous porphyrins. Tetrahedron Letters, 2008, 49, 4163-4166.	0.7	30
10	Oneâ€Pot Synthesis of Contracted and Expanded Porphyrins with <i>meso</i>â€CF₃ Groups. Angewandte Chemie - International Edition, 2018, 57, 1006-1010.	7.2	29
11	Copper Complexes of CF₃-Substituted Corroles for Affecting Redox Potentials and Electrocatalysis. ACS Applied Energy Materials, 2020, 3, 2828-2836.	2.5	29
12	Hydrogen Evolution Catalyzed by Corrole-Chelated Nickel Complexes, Characterized in all Catalysis-Relevant Oxidation States. ACS Catalysis, 2022, 12, 4310-4317.	5.5	29
13	Maximizing Property Tuning of Phosphorus Corrole Photocatalysts through a Trifluoromethylation Approach. Inorganic Chemistry, 2019, 58, 6184-6198.	1.9	27
14	Cell-Penetrating Protein/Corrole Nanoparticles. Scientific Reports, 2019, 9, 2294.	1.6	25
15	Iron complexes of tris(4-nitrophenyl)corrole, with emphasis on the (nitrosyl)iron complex. Journal of Porphyrins and Phthalocyanines, 2012, 16, 663-673.	0.4	24
16	Positive shift in corrole redox potentials leveraged by modest Î²-CF3-substitution helps achieve efficient photocatalytic Câ€“H bond functionalization by group 13 complexes. Dalton Transactions, 2019, 48, 12279-12286.	1.6	24
17	In vitro photodynamic inactivation (PDI) of pathogenic germs inducing onychomycosis. Photodiagnosis and Photodynamic Therapy, 2018, 24, 358-365.	1.3	20
18	Protein-coated corrole nanoparticles for the treatment of prostate cancer cells. Cell Death Discovery, 2020, 6, 67.	2.0	19

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19	Substituent regulated photoluminescent thermochromism in a rare type of octahedral Cu₄I₄ clusters. New Journal of Chemistry, 2018, 42, 8426-8437.	1.4	18
20	Neurorescue by a ROS Decomposition Catalyst. ACS Chemical Neuroscience, 2016, 7, 1374-1382.	1.7	15
21	Tuning Chemical and Physical Properties of Phosphorus Corroles for Advanced Applications. Chemistry - A European Journal, 2019, 25, 11383-11388.	1.7	15
22	Palladium Complexes of Corroles and Sapphyrins. Chemistry - A European Journal, 2020, 26, 9481-9485.	1.7	15
23	Oneâ€Pot Synthesis of Contracted and Expanded Porphyrins with <i>meso</i>â€CF₃ Groups. Angewandte Chemie, 2018, 130, 1018-1022.	1.6	14
24	Singlet oxygen luminescence kinetics under PDI relevant conditions of pathogenic dermatophytes and molds. Journal of Photochemistry and Photobiology B: Biology, 2018, 178, 606-613.	1.7	13
25	Rhodium Complexes of a Newâ€Generation Sapphyrin: Unique Structures, Axial Chirality, and Catalysis. Chemistry - A European Journal, 2018, 24, 17255-17261.	1.7	13
26	Porphyrins and Corroles with 2,6-Pyrimidyl Substituents. Organic Letters, 2015, 17, 3214-3217.	2.4	12
27	Clean Ar-Me conversion to Ar-aldehyde with the aid of carefully designed metallocor role photocatalysts. Photochemical and Photobiological Sciences, 2020, 19, 996-1000.	1.6	12
28	Corroles: The Hitherto Elusive Parent Macrocycle and its Metal Complexes. Angewandte Chemie - International Edition, 2021, 60, 25097-25103.	7.2	12
29	Silver Tipping of CdSe@CdS Nanorods: How To Avoid Cation Exchange. Chemistry of Materials, 2021, 33, 6394-6402.	3.2	11
30	Development of Singlet Oxygen Luminescence Kinetics during the Photodynamic Inactivation of Green Algae. Molecules, 2016, 21, 485.	1.7	9
31	â€œHeteroâ€Multifunctionalizationâ€•of Gallium Corroles: Facile Synthesis, Phosphorescence, Redox Tuning, and Photooxidative Catalytic Improvement. ChemPlusChem, 2020, 85, 163-168.	1.3	9
32	Water-soluble manganese(III) corroles and corresponding (nitrido)manganese(V) complexes. Journal of Porphyrins and Phthalocyanines, 2010, 14, 615-620.	0.4	5
33	Nanorod Photocatalysts for Câˆ’O Crossâ€Coupling Reactions. ChemCatChem, 2022, 14, .	1.8	5
34	Selfâ€Assembly of Simple Corroles, via Hydrogen Bonding and Coordination. European Journal of Organic Chemistry, 2020, 2020, 3142-3146.	1.2	2
35	Corroles: The Hitherto Elusive Parent Macrocycle and its Metal Complexes. Angewandte Chemie, 0, , .	1.6	1
36	Rhodium Complexes of a New-Generation Sapphyrin: Unique Structures, Axial Chirality, and Catalysis. Chemistry - A European Journal, 2018, 24, 17163-17163.	1.7	0

#	Article	IF	Citations
37	A chromophore-supported structural and functional model of dinuclear copper enzymes, for facilitating mechanism of action studies. Chemical Science, 2021, 12, 12445-12450.	3.7	0