

Chengjie Li

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

1,219
citations

331670

21
h-index

395702

33
g-index

65
all docs

65
docs citations

65
times ranked

1354
citing authors

#	ARTICLE	IF	CITATIONS
1	Porphyrins containing a tetraphenylethylene-substituted phenothiazine donor for fabricating efficient dye sensitized solar cells with high photovoltages. <i>Journal of Materials Chemistry A</i> , 2022, 10, 1320-1328.	10.3	31
2	Efficient dye-sensitized solar cells based on concerted companion dyes: Systematic optimization of thiophene units in the organic dye components. <i>Chinese Chemical Letters</i> , 2022, 33, 4313-4316.	9.0	38
3	æ–°ăž<â¼,ăŸă•%çš,,è@¼è@ıâ€âˆˆæˆă,Žæ€šèf½ç”ç©¶. <i>Scientia Sinica Chimica</i> , 2022, , .	0.4	0
4	Loading Phlorins with Fullerenes by a [4 + 2]-Cycloaddition Reaction: Regulation of the Regioselectivity by Pyrrole Linkage Modes. <i>Journal of Organic Chemistry</i> , 2022, 87, 2758-2766.	3.2	3
5	Efficient Solar Cells Sensitized by Organic Concerted Companion Dyes Suitable for Indoor Lamps. <i>ChemSusChem</i> , 2022, 15, .	6.8	5
6	Chain Length Modulated Dimerization and Cyclization of Terminal Thienyl-Blocked Oligopyrroles. <i>Organic Letters</i> , 2022, 24, 5428-5432.	4.6	2
7	Efficient Dye-Sensitized Solar Cells Based on a New Class of Doubly Concerted Companion Dyes. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 33274-33284.	8.0	28
8	A Blue Zinc Complex of a Dioxobilinâ€”Type Pink Chlorophyll Catabolite Exhibiting Bright Chelationâ€”Enhanced Red Fluorescence. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 1904-1912.	2.0	5
9	Stable thiophene-embedded N-confused homoporphyrins: Partial conjugation, fusion and fluoride binding. <i>Dyes and Pigments</i> , 2021, 194, 109612.	3.7	5
10	Solvent-regulated biomorphs from the intense ĨĤĤ-mediated assemblies of tetracenequinone fused porphyrin. <i>CrystEngComm</i> , 2021, 23, 7565-7569.	2.6	5
11	Confusion Approach Modulated Syntheses of Corrorin Parasitized Hexaphyrins(1.1.1.1.0) and the Oxidative Ring Cleavage Behavior. <i>Organic Letters</i> , 2021, 23, 8307-8311.	4.6	3
12	Fluorenyl Indoline as an Efficient Electron Donor for Concerted Companion Dyes: Enhanced Light-Harvesting and Photocurrent. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 49828-49839.	8.0	18
13	A new type of multibenzoyloxy-wrapped porphyrin sensitizers for developing efficient dye-sensitized solar cells. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 401-409.	0.8	6
14	Nâ€”Confused Phlorinâ€”Prodigiosin Chimera: <i>meso</i>â€”Aryl Oxidation and ĨĤâ€”Extension Triggered by Peripheral Coordination. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1537-1541.	13.8	32
15	Nâ€”Confused Phlorinâ€”Prodigiosin Chimera: meso â€”Aryl Oxidation and ĨĤâ€”Extension Triggered by Peripheral Coordination. <i>Angewandte Chemie</i> , 2020, 132, 1553-1557.	2.0	2
16	Expanded N-Confused Phlorin: A Platform for a Multiply Fused Polycyclic Ring System via Oxidation within the Macrocyclic. <i>Journal of the American Chemical Society</i> , 2020, 142, 17195-17205.	13.7	23
17	Twisted-Planar-Twisted expanded porphyrinoid dimer as a rudimentary reaction-based methanol indicator. <i>Nature Communications</i> , 2020, 11, 5289.	12.8	20
18	Light-Absorbing Pyridine Derivative as a New Electrolyte Additive for Developing Efficient Porphyrin Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 57017-57024.	8.0	35

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19	N-Confused Hexapyrrolic Phlorinoid with NIR Absorption: Synthesis, Fusion, Oxidation, and Copper(II) Coordination. <i>Organic Letters</i> , 2020, 22, 9648-9652.	4.6	9
20	Functionalization of BODIPY with enamines and amines through one-step reactions with ethylamines. <i>Dyes and Pigments</i> , 2020, 180, 108504.	3.7	4
21	Rational Synthesis of 5,5-Tricyclic Fused Thiaheptaphyrin (1.1.1.1.1.0) From a Helical Oligopyrroin Hybrid. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1285-1289.	3.3	4
22	Tripyrroin-armed isosmaragdyrins: synthesis, heterodinuclear coordination, and protonation-triggered helical inversion. <i>Chemical Science</i> , 2020, 11, 2790-2795.	7.4	19
23	Solar cells sensitized by porphyrin dyes containing a substituted carbazole donor with synergistically extended absorption and suppressed the dye aggregation. <i>Chinese Chemical Letters</i> , 2020, 31, 1927-1930.	9.0	31
24	Systematic optimization of the substituents on the phenothiazine donor of doubly strapped porphyrin sensitizers: an efficiency over 11% unassisted by any cosensitizer or coadsorbent. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20854-20860.	10.3	68
25	Yellow Dioxobilin-type Tetrapyrroles from Chlorophyll Breakdown in Higher Plants—A New Class of Colored Phyllobilins. <i>Chemistry - A European Journal</i> , 2019, 25, 4052-4057.	3.3	12
26	Selective Photocatalysis Approach for Introducing ArS Units into BODIPYs through Thiyl Radicals. <i>Organic Letters</i> , 2019, 21, 733-736.	4.6	36
27	A pink colored dioxobilin-type phyllobilin from breakdown of chlorophyll. <i>Monatshefte für Chemie</i> , 2019, 150, 813-820.	1.8	8
28	Efficient solar cells based on cosensitizing porphyrin dyes containing a wrapped donor, a wrapped π -framework and a substituted benzothiadiazole unit. <i>Science China Chemistry</i> , 2019, 62, 994-1000.	8.2	27
29	Skeletal Rearrangement of Twisted Thia-Norhexaphyrin: Multiply Annulated Polypyrrolic Aromatic Macrocycles. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5925-5929.	13.8	26
30	Regioselectively Halogenated Expanded Porphyrinoids as Building Blocks for Constructing Porphyrinoid Heterodyads with Tunable Energy Transfer. <i>Journal of the American Chemical Society</i> , 2019, 141, 5294-5302.	13.7	38
31	Skeletal Rearrangement of Twisted Thia-Norhexaphyrin: Multiply Annulated Polypyrrolic Aromatic Macrocycles. <i>Angewandte Chemie</i> , 2019, 131, 5986-5990.	2.0	4
32	Computational study of aromaticity, ^1H NMR spectra and intermolecular interactions of twisted thia-norhexaphyrin and its multiply annulated polypyrrolic derivatives. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 25334-25343.	2.8	5
33	Regioselective Oxidative Ring Cleavage of a Phlorin Analogue: An Approach for Synthesizing Linear Tetrapyrroles. <i>Organic Letters</i> , 2018, 20, 1941-1944.	4.6	11
34	Dual-target recognition sandwich assay based on core-shell magnetic mesoporous silica nanoparticles for sensitive detection of breast cancer cells. <i>Talanta</i> , 2018, 182, 306-313.	5.5	34
35	Pyro-Phyllobilins: Elusive Chlorophyll Catabolites Lacking a Critical Carboxylate Function of the Natural Chlorophylls. <i>Chemistry - A European Journal</i> , 2018, 24, 2987-2998.	3.3	11
36	Synthetic porphyrin chemistry in China. <i>Science China Chemistry</i> , 2018, 61, 511-514.	8.2	37

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37	A novel nitroethylene-based porphyrin as a NIR fluorescence turn-on probe for biothiols based on the Michael addition reaction. <i>Dyes and Pigments</i> , 2018, 148, 437-443.	3.7	43
38	A novel p-aminophenylthio- and cyano- substituted BODIPY as a fluorescence turn-on probe for distinguishing cysteine and homocysteine from glutathione. <i>Dyes and Pigments</i> , 2018, 148, 212-218.	3.7	57
39	A Dipyrrin Programmed for Covalent Loading with Fullerenes. <i>Chemistry - A European Journal</i> , 2018, 24, 10032-10037.	3.3	3
40	Synthesis of a doubly SO ₂ -fused phlorin: Tuning the structure and properties by the SO ₂ groups. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 799-806.	0.8	1
41	Novel Types of Hypermodified Fluorescent Phyllobilins from Breakdown of Chlorophyll in Senescent Leaves of Grapevine (<i>Vitis vinifera</i>). <i>Chemistry - A European Journal</i> , 2018, 24, 17268-17279.	3.3	15
42	Neo-N-confused Phlorins and Phlorinone: Rational Synthesis and Tunable Properties. <i>Organic Letters</i> , 2017, 19, 650-653.	4.6	22
43	Synthesis, spectroscopic and crystallographic analysis of the Zn-complex of a di(β -sulfoleno)pyrrin: model for Zn-complexes of bilirubin and of phyloxanthobilins. <i>Monatshefte für Chemie</i> , 2016, 147, 1031-1036.	1.8	3
44	Zn-complex of a natural yellow chlorophyll catabolite. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 388-396.	0.8	9
45	Chlorophyll-Derived Yellow Phyllobilins of Higher Plants as Medium-Responsive Chiral Photoswitches. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 15760-15765.	13.8	24
46	Von Chlorophyll abstammende gelbe Phyllobiline höherer Pflanzen als umgebungsgesteuerte, chirale Photoschalter. <i>Angewandte Chemie</i> , 2016, 128, 15992-15997.	2.0	4
47	Innentitelbild: Von Chlorophyll abstammende gelbe Phyllobiline höherer Pflanzen als umgebungsgesteuerte, chirale Photoschalter (<i>Angew. Chem.</i> 51/2016). <i>Angewandte Chemie</i> , 2016, 128, 15912-15912.	2.0	0
48	Transition metal complexes of phyllobilins – a new realm of bioinorganic chemistry. <i>Dalton Transactions</i> , 2015, 44, 10116-10127.	3.3	30
49	Stereo- and Regioselective Phyllobilane Oxidation in Leaf Homogenates of the Peace Lily (<i>Spathiphyllum wallisii</i>): Hypothetical Endogenous Path to Yellow Chlorophyll Catabolites. <i>Chemistry - A European Journal</i> , 2015, 21, 136-149.	3.3	36
50	A key point of porphyrin structure affect DSSCs performance based on porphyrin sensitizers. <i>Dyes and Pigments</i> , 2014, 100, 278-285.	3.7	23
51	Synthesis of corrole-fullerene dyads via [4 + 2] cycloaddition reaction. <i>RSC Advances</i> , 2014, 4, 40758-40762.	3.6	9
52	Blue transition metal complexes of a natural bilin-type chlorophyll catabolite. <i>Chemical Science</i> , 2014, 5, 3388-3395.	7.4	33
53	Performance of four artificial chlorin-type sensitizers with different stereostructures in dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2013, 98, 181-189.	3.7	13
54	Corroles programmed for regioselective cycloaddition chemistry – synthesis of a bisadduct with C ₆₀ -fullerene. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 556-563.	0.8	12

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55	A New Route to Indazolone via Amidation Reaction of o-Carboxyazobenzene. <i>Organic Letters</i> , 2012, 14, 479-481.	4.6	12
56	Synthesis of meso-coumarin-substituted porphyrins. , 2011, , .		0
57	The synthesis of porphyrin-anthraquinone dyad via an azo-rearrangement. <i>Chinese Chemical Letters</i> , 2011, 22, 539-542.	9.0	6
58	Syntheses of thiophene appended N-confused phlorin isomers. <i>Journal of Porphyrins and Phthalocyanines</i> , 0, , A-G.	0.8	1
59	Novel anthracene-based organic dyes as co-sensitizers of porphyrins for developing efficient dye-sensitized solar cells. <i>New Journal of Chemistry</i> , 0, , .	2.8	2
60	Facile retro-Dieckmann cleavage of a pink phyllobilin: new type of potential downstream steps of natural chlorophyll breakdown. <i>Monatshefte für Chemie</i> , 0, , 1.	1.8	2
61	Porphyrindiene-Based Tandem Diels-Alder Reaction for Preparing Low-Symmetry β -Extended Porphyrins with Push-Pull Skeletons. <i>Journal of Organic Chemistry</i> , 0, , .	3.2	2