

Yongzhong Bian

List of Publications by Year in descending order

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69
papers

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186265

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1795
citing authors

#	ARTICLE	IF	CITATIONS
1	Stem cells from human exfoliated deciduous teeth affect mitochondria and reverse cognitive decline in a senescence-accelerated mouse prone 8 model. <i>Cytotherapy</i> , 2022, 24, 59-71.	0.7	6
2	Perspectives on Ligand Properties of N-Heterocyclic Carbenes in Iron Porphyrin Complexes. <i>Inorganic Chemistry</i> , 2022, 61, 847-856.	4.0	3
3	Covalent organic frameworks based on tetraphenyl- <i>p</i> -phenylenediamine and metalloporphyrin for electrochemical conversion of CO ₂ to CO. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 3217-3223.	6.0	11
4	Porphyrin-Based Metal-Organic Frameworks for Efficient Photocatalytic H ₂ Production under Visible-Light Irradiation. <i>Inorganic Chemistry</i> , 2021, 60, 3988-3995.	4.0	49
5	Rational Modification of Two-Dimensional Donor-Acceptor Covalent Organic Frameworks for Enhanced Visible Light Photocatalytic Activity. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 27041-27048.	8.0	80
6	Donor-acceptor covalent organic framework/g-C ₃ N ₄ hybrids for efficient visible light photocatalytic H ₂ production. <i>Catalysis Science and Technology</i> , 2021, 11, 2616-2621.	4.1	20
7	A phthalocyanine-porphyrin triad for ratiometric fluorescent detection of Lead(II) ions. <i>Dyes and Pigments</i> , 2020, 173, 107941.	3.7	16
8	Multipolar Porphyrin-Triazatruxene Arrays for Two-Photon Fluorescence Cell Imaging. <i>Chemistry - A European Journal</i> , 2020, 26, 13842-13848.	3.3	11
9	A porphyrin-pyranine dyad for ratiometric fluorescent sensing of intracellular pH. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 396, 112524.	3.9	6
10	Intermolecular Chirality Modulation of Binaphthalene-Bridged Bisporphyrins With Chiral Diamines. <i>Frontiers in Chemistry</i> , 2020, 8, 611257.	3.6	0
11	Ferromagnetic coupling between 4f- and delocalized π -radical spins in mixed (phthalocyaninato)(porphyrinato) rare earth double-decker SMMs. <i>Inorganic Chemistry Frontiers</i> , 2019, 6, 2142-2147.	6.0	11
12	Manganese(III) Porphyrin-Based Magnetic Materials. <i>Topics in Current Chemistry</i> , 2019, 377, 18.	5.8	12
13	An AceDAN-porphyrin(Zn) dyad for fluorescence imaging and photodynamic therapy via two-photon excited FRET. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 3061-3066.	6.0	9
14	Two-Photon Excited FRET Dyads for Lysosome-Targeted Imaging and Photodynamic Therapy. <i>Inorganic Chemistry</i> , 2018, 57, 11537-11542.	4.0	42
15	Lysosome-targeting ratiometric fluorescent pH probes based on long-wavelength BODIPY. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4422-4426.	5.8	47
16	Binaphthol-strapped chiral bis (porphyrinato) cerium double-decker complexes. <i>Inorganic Chemistry Communication</i> , 2017, 81, 18-21.	3.9	2
17	Intramolecular chirality induction and intermolecular chirality modulation in BINOL bridged bisporphyrin hosts. <i>Dyes and Pigments</i> , 2017, 137, 608-614.	3.7	13
18	Ratiometric Fluorescent Detection of Pb ²⁺ by FRET-Based Phthalocyanine-Porphyrin Dyads. <i>Inorganic Chemistry</i> , 2017, 56, 14533-14539.	4.0	61

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19	Chiral Discrimination of Diamines by a Binaphthalene-Bridged Porphyrin Dimer. <i>Inorganic Chemistry</i> , 2017, 56, 8223-8231.	4.0	26
20	Mixed (phthalocyaninato)(tetranaphthylporphyrinato) terbium triple-decker complex: Synthesis, crystal structure and magnetic properties. <i>Inorganic Chemistry Communication</i> , 2016, 73, 30-33.	3.9	4
21	Controllable incoherent growth of a surface toward gold nanocrystals with regular multi-bumps. <i>CrystEngComm</i> , 2016, 18, 4713-4719.	2.6	0
22	Single-molecule magnetism of tetrapyrrole lanthanide compounds with sandwich multiple-decker structures. <i>Coordination Chemistry Reviews</i> , 2016, 306, 195-216.	18.8	172
23	Chiral dinaphthylporphyrin with C ₂ symmetry: synthesis, resolution, and enantio-discrimination by single-crystal X-ray diffraction analysis. <i>Tetrahedron Letters</i> , 2014, 55, 3377-3380.	1.4	2
24	C ₆₀ -modified mixed (phthalocyaninato)(porphyrinato) yttrium(III) double-decker complex: Synthesis, characterization, and photophysical properties. <i>Dyes and Pigments</i> , 2014, 102, 257-262.	3.7	1
25	Synergistic Coupling of Fluorescent "Turn-Off" with Spectral Overlap Modulated FRET for Ratiometric Ag ⁺ Sensor. <i>Inorganic Chemistry</i> , 2014, 53, 12186-12190.	4.0	28
26	Stereochemistry and Solid-State Structure of an Intrinsically Chiral Meso-Patterned Porphyrin: Case Study by NMR and Single-Crystal X-ray Diffraction Analysis. <i>Journal of Organic Chemistry</i> , 2013, 78, 9949-9955.	3.2	16
27	Density Functional Theory Study on Subtriazaporphyrin Derivatives: Dipolar/Octupolar Contribution to the Second-Order Nonlinear Optical Activity. <i>Journal of Physical Chemistry A</i> , 2012, 116, 10249-10256.	2.5	51
28	Third-order nonlinear optical properties of sandwich-type mixed (phthalocyaninato)(porphyrinato) europium double- and triple-decker complexes. <i>Dyes and Pigments</i> , 2012, 95, 627-631.	3.7	38
29	Ferrocene-Decorated (Phthalocyaninato)(Porphyrinato) Double- and Triple-Decker Rare Earth Complexes: Synthesis, Structure, and Electrochemical Properties. <i>Inorganic Chemistry</i> , 2012, 51, 5651-5659.	4.0	25
30	Cyanide-bridged complexes based on dinuclear Cu(II)-M(II) [M = Pb and Cu] building blocks: Synthesis, crystal structures and magnetic properties. <i>Science China Chemistry</i> , 2012, 55, 978-986.	8.2	3
31	Zn(II) and Cd(II) metal-organic frameworks (MOFs) constructed from a symmetric triangular semirigid multicarboxylate ligand: Synthesis, structures and luminescent properties. <i>Solid State Sciences</i> , 2012, 14, 317-323.	3.2	15
32	Substituent effects on the structure-property relationship of unsymmetrical methoxy and methoxycarbonyl phthalocyanines: DFT and TDDFT theoretical studies. <i>Journal of Molecular Graphics and Modelling</i> , 2012, 35, 57-65.	2.4	15
33	The first solution-processable n-type phthalocyaninato copper semiconductor: tuning the semiconducting nature via peripheral electron-withdrawing octyloxycarbonyl substituents. <i>Journal of Materials Chemistry</i> , 2011, 21, 18552.	6.7	44
34	Helical nano-structures self-assembled from dimethylaminoethoxy-containing unsymmetrical octakis-substituted phthalocyanine derivatives. <i>Soft Matter</i> , 2011, 7, 3417.	2.7	27
35	64 Chemistry of Sandwich Tetrapyrrole Rare Earth Complexes. <i>Handbook of Porphyrin Science</i> , 2011, , 249-460.	0.8	13
36	Mixed (porphyrinato)(phthalocyaninato) rare-earth(III) double-decker complexes for broadband light harvesting organic solar cells. <i>Journal of Materials Chemistry</i> , 2011, 21, 11131.	6.7	46

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37	2,3,9,10,16,17,23,24-Octakis(hexylsulfonyl)phthalocyanines with good n-type semiconducting properties. Synthesis, spectroscopic, and electrochemical characteristics. <i>Journal of Materials Chemistry</i> , 2011, 21, 6515.	6.7	36
38	Conformational effects, molecular orbitals, and reaction activities of bis(phthalocyaninato) lanthanum double-deckers: Density functional theory calculations. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 13277.	2.8	48
39	Synthesis, structures and luminescent properties of Co(II) and Ni(II) metal-organic frameworks with semirigid diphtalic ligands. <i>Solid State Sciences</i> , 2011, 13, 1948-1953.	3.2	2
40	Density functional theory studies on the structures and electronic communication of meso-ferrocenylporphyrins: Long range orbital coupling via porphyrin core. <i>Journal of Molecular Graphics and Modelling</i> , 2011, 29, 717-725.	2.4	32
41	Perylene diimide-appended mixed (phthalocyaninato)(porphyrinato) europium(III) double-decker complex: Synthesis, spectroscopy and electrochemical properties. <i>Dyes and Pigments</i> , 2011, 91, 99-104.	3.7	11
42	The infrared spectroscopic characteristics of peripheral octa-substituted phthalocyanines with hexylsulfonyl groups. <i>Vibrational Spectroscopy</i> , 2011, 56, 245-249.	2.2	4
43	Charge transfer properties of phthalocyaninato zinc complexes for organic field-effect transistors: tuning semiconductor nature via peripheral substituents. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 964-972.	0.8	0
44	Structures and spectroscopic properties of nonperipherally and peripherally substituted metal-free phthalocyanines: A substitution effect study based on density functional theory calculations. <i>Journal of Molecular Graphics and Modelling</i> , 2010, 29, 470-480.	2.4	29
45	Zn(II) metal-organic frameworks (MOFs) assembled from semirigid multicarboxylate ligands: Synthesis, crystal structures, and luminescent properties. <i>Solid State Sciences</i> , 2010, 12, 1791-1796.	3.2	6
46	Nanoscale Hollow Spheres of an Amphiphilic Mixed (Phthalocyaninato)(porphyrinato)europium Double-Decker Complex. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 753-757.	2.0	14
47	Benzo-fused low symmetry metal-free tetraazaporphyrin and phthalocyanine analogs: synthesis, spectroscopy, electrochemistry, and density functional theory calculations. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010, 14, 421-437.	0.8	9
48	Nature of the Intense Near-IR Absorption and Unusual Broad UV-Visible-NIR Spectra of Azulenocyanines: Density Functional Theory Studies. <i>Journal of Physical Chemistry A</i> , 2010, 114, 13411-13417.	2.5	29
49	Linkage Dependence of Intramolecular Fluorescence Quenching Process in Porphyrin-Appended Mixed (Phthalocyaninato)(Porphyrinato) Yttrium(III) Double-Decker Complexes. <i>Journal of Physical Chemistry B</i> , 2010, 114, 13143-13151.	2.6	21
50	Novel Pathway to Synthesize Unsymmetrical 2,3,9,10,16,17,23-heptakis(alkoxyl)-24-mono(dimethylaminoalkoxyl)phthalocyanines. <i>Inorganic Chemistry</i> , 2010, 49, 9005-9011.	4.0	12
51	Bis[1,4,8,11,15,18,22,25-octa(butyloxy)phthalocyaninato] rare earth double-decker complexes: synthesis, spectroscopy, and molecular structure. <i>Dalton Transactions</i> , 2010, 39, 1321-1327.	3.3	26
52	Synthesis and third-order nonlinear optical properties of novel ethynyl-linked heteropentamer composed of four porphyrins and one pyrene. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009, 13, 275-282.	0.8	13
53	Synthesis, Characterization and OFET Properties of Amphiphilic Mixed (Phthalocyaninato)(porphyrinato)europium(III) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 954-960.	2.0	34
54	Mixed (Phthalocyaninato)(Porphyrinato) Rare Earth Double-Decker Complexes with C ₄ Chirality: Synthesis, Resolution, and Absolute Configuration Assignment. <i>Inorganic Chemistry</i> , 2009, 48, 8925-8933.	4.0	34

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55	Optically Active Mixed Phthalocyaninato-Porphyrinato Rare-Earth Double-Decker Complexes: Synthesis, Spectroscopy, and Solvent-Dependent Molecular Conformations. <i>Chemistry - A European Journal</i> , 2008, 14, 4667-4674.	3.3	48
56	Optically Active Mixed Phthalocyaninato-porphyrinato Rare-Earth Double-Decker Complexes: Synthesis, Spectroscopy, and Solvent-Dependent Molecular Conformation. <i>Chemistry - A European Journal</i> , 2008, 14, 6288-6288.	3.3	0
57	Sandwich-Type Heteroleptic <i>trans</i> -(Diazaporphyrinato)cerium Complexes: Synthesis, Spectroscopy, Structure, and Electrochemistry. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 5519-5523.	2.0	21
58	Charge Transfer Properties of Bis(phthalocyaninato) Rare Earth (III) Complexes: Intrinsic Ambipolar Semiconductor for Field Effect Transistors. <i>Journal of Physical Chemistry C</i> , 2008, 112, 14579-14588.	3.1	39
59	H ₂ O-Involved Hydrogen Bonds in Pseudo-Double-Decker Supramolecular Structure of 1,8,15,22-Tetrasubstituted Phthalocyaninato Zinc Complex. <i>Crystal Growth and Design</i> , 2008, 8, 4454-4459.	3.0	15
60	Porphyrin-Appended Europium(III) Bis(phthalocyaninato) Complexes: Synthesis, Characterization, and Photophysical Properties. <i>Chemistry - A European Journal</i> , 2007, 13, 4169-4177.	3.3	42
61	Location of the Hole and Acid Proton in Neutral Nonprotonated and Protonated Mixed (Phthalocyaninato)(porphyrinato) Yttrium Double-Decker Complexes: Density Functional Theory Calculations. <i>Chemistry - A European Journal</i> , 2007, 13, 9503-9514.	3.3	40
62	Synthetic, Structural, Spectroscopic, and Electrochemical Studies of Heteroleptic Tris(phthalocyaninato) Rare Earth Complexes. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 2612-2618.	2.0	38
63	Synthesis, Structure, and Spectroscopic and Electrochemical Properties of Heteroleptic Bis(phthalocyaninato) Rare Earth Complexes with <i>C</i> ₄ Symmetry. <i>Helvetica Chimica Acta</i> , 2004, 87, 2581-2596.	1.6	44
64	Vibrational spectroscopy of phthalocyanine and naphthalocyanine in sandwich-type (na)phthalocyaninato and porphyrinato rare earth complexes. <i>Vibrational Spectroscopy</i> , 2004, 34, 283-291.	2.2	53
65	Synthesis, Structure, Spectroscopic Properties, and Electrochemistry of (1,8,15,22-Tetrasubstituted) Tj ETQq1 1 0.784314 rgBT /Overlo 4.0 64	4.0	64
66	Raman spectroscopic characteristics of phthalocyanine and naphthalocyanine in sandwich-type phthalocyaninato and porphyrinato rare earth complexes. Part 5? Raman spectroscopic characteristics of naphthalocyanine in mixed [tetrakis(4-tert-butylphenyl)porphyrinato] (naphthalocyaninato) rare earth double-deckers. <i>Journal of Raman Spectroscopy</i> , 2003, 34, 306-314.	2.5	17
67	Tuning the Valence of the Cerium Center in (Na)phthalocyaninato and Porphyrinato Cerium Double-Deckers by Changing the Nature of the Tetrapyrrole Ligands. <i>Journal of the American Chemical Society</i> , 2003, 125, 12257-12267.	13.7	158
68	Synthesis, spectroscopic characterisation and structure of the first chiral heteroleptic bis(phthalocyaninato) rare earth complexes Electronic supplementary information (ESI) available: ¹ H NMR spectrum of {Sm(III)(Pc)[Pc(OC ₅ H ₁₁) ₄]} ⁺ in CDCl ₃ /DMSO-d ₆ (1:1) in the presence of a few drops of hydrazine hydrate. See http://www.rsc.org/suppdata/cc/b3/b301139a/ . <i>Chemical Communications</i> , 2003, , 1194-1195.	4.1	60
69	Structural studies of the whole series of lanthanide double-decker compounds with mixed 2,3-naphthalocyaninato and octaethylporphyrinato ligands. <i>New Journal of Chemistry</i> , 2003, 27, 844-849.	2.8	36