Guifen Lu

List of Publications by Year
in descending order

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32	809	471509	501196
papers	citations	17	28
		h-index	g-index

32	32	32	839
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Morphology Controlled Self-Assembled Nanostructures of Sandwich Mixed (Phthalocyaninato)(Porphyrinato) Europium Triple-Deckers. Effect of Hydrogen Bonding on Tuning the Intermolecular Interaction. Journal of the American Chemical Society, 2008, 130, 11623-11630.	13.7	146
2	Tuning the morphology of self-assembled nanostructures of amphiphilic tetra(p-hydroxyphenyl)porphyrins with hydrogen bonding and metalâ€“ligand coordination bonding. Journal of Materials Chemistry, 2009, 19, 2417.	6.7	94
3	Tuning the semiconducting nature of bis(phthalocyaninato) holmium complexes via peripheral substituents. Journal of Materials Chemistry, 2012, 22, 22142.	6.7	51
4	Lanthanide(III) Double-Decker Complexes with Octaphenoxy- or Octathiophenoxyphthalocyaninato Ligands â€“ Revealing the Electron-Withdrawing Nature of the Phenoxy and Thiophenoxy Groups in the Double-Decker Complexes. European Journal of Inorganic Chemistry, 2006, 2006, 3703-3709.	2.0	42
5	Solution-processed thin films based on sandwich-type mixed (phthalocyaninato)(porphyrinato) europium triple-deckers: Structures and comparative performances in ammonia sensing. Sensors and Actuators B: Chemical, 2012, 166-167, 500-507.	7.8	39
6	The lower rather than higher density charge carrier determines the NH₃-sensing nature and sensitivity of ambipolar organic semiconductors. Materials Chemistry Frontiers, 2018, 2, 1009-1016.	5.9	38
7	Cobalt Oxide Nanoparticles/Nitrogen-Doped Graphene as the Highly Efficient Oxygen Reduction Electrocatalyst for Rechargeable Zinc-Air Batteries. ACS Sustainable Chemistry and Engineering, 2020, 8, 343-350.	6.7	30
8	Self-assembled organic nanostructures and nonlinear optical properties of heteroleptic corroleâ€“phthalocyanine europium triple-decker complexes. Dyes and Pigments, 2015, 121, 38-45.	3.7	29
9	A new class of rare earth tetrapyrrole sandwich complexes containing corrole and phthalocyanine macrocycles: synthesis, physicochemical characterization and X-ray analysis. Chemical Communications, 2015, 51, 2411-2413.	4.1	28
10	Î²-Nitro-substituted free-base, iron(III) and manganese(III) tetraarylporphyrins: synthesis, electrochemistry and effect of theNO₂substituent on spectra and redox potentials in non-aqueous media. Journal of Porphyrins and Phthalocyanines, 2013, 17, 857-869.	0.8	27
11	Europium Triple-Decker Complexes Containing Phthalocyanine and Nitrophenylâ€“Corrole Macrocycles. Inorganic Chemistry, 2015, 54, 9211-9222.	4.0	24
12	Synthesis, characterization and solvent/structural effects on spectral and redox properties of cobalt triphenylcorroles in nonaqueous media. Journal of Porphyrins and Phthalocyanines, 2012, 16, 958-967.	0.8	23
13	Synthesis and Characterization of Rare Earth Corroleâ€“Phthalocyanine Heteroleptic Triple-Decker Complexes. Inorganic Chemistry, 2015, 54, 5795-5805.	4.0	20
14	Dysprosium Heteroleptic Corrole-Phthalocyanine Triple-Decker Complexes: Synthesis, Crystal Structure, and Electrochemical and Magnetic Properties. Inorganic Chemistry, 2017, 56, 11503-11512.	4.0	20
15	Reductive dechlorination of DDT electrocatalyzed by synthetic cobalt porphyrins in N,Nâ€²-dimethylformamide. Journal of Porphyrins and Phthalocyanines, 2011, 15, 66-74.	0.8	19
16	Synthesis and electrochemical properties of meso-phenyl substituted copper corroles: Solvent effect on copper oxidation state. Journal of Porphyrins and Phthalocyanines, 2011, 15, 1265-1274.	0.8	19
17	Corrole functionalized iron oxide nanocomposites as enhanced peroxidase mimic and their application in H2O2 and glucose colorimetric sensing. Engineered Science, 2018, , .	2.3	19
18	A facile synthetic route to meso-tetraaryl substituted N-5 sapphyrins and first single crystal X-ray analysis confirming the pyrrole inverted structure. Journal of Porphyrins and Phthalocyanines, 2015, 19, 794-802.	0.8	16

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19	Nanoscale Hollow Spheres of an Amphiphilic Mixed (Phthalocyaninato)(porphyrinato)europium Doubleâ€Decker Complex. European Journal of Inorganic Chemistry, 2010, 2010, 753-757.	2.0	14
20	Synergistic photocatalytic performance of chemically modified amino phthalocyanine-GPTMS/TiO2 for the degradation of Acid Black 1. Inorganic Chemistry Communication, 2020, 113, 107795.	3.9	14
21	A corrole-based fluorescent probe for detection of sulfur ion and its application in living cells. Dyes and Pigments, 2022, 197, 109941.	3.7	14
22	TTF-fused heteroleptic bis(phthalocyaninato) europium double-decker complexes. Synthesis, spectroscopic, and electrochemical properties. Dyes and Pigments, 2018, 156, 167-174.	3.7	13
23	A near-infrared fluorescent probe based on corrole derivative with large Stokes shift for detection of hydrogen sulfide in water and living cells. Dyes and Pigments, 2022, 204, 110445.	3.7	13
24	Preparation and third order nonlinear optical properties of corrole functionalized GO nanohybrids. Optics and Laser Technology, 2022, 149, 107813.	4.6	11
25	Synthesis, structural characterization and protonation/deprotonation of hydroxyl-substituted free-base tetraphenylporphyrins in nonaqueous media. Journal of Porphyrins and Phthalocyanines, 2013, 17, 941-953.	0.8	8
26	Electrochemistry of Nitrated Nâ€Confused Freeâ€Base Tetraarylâ€Porphyrins in Nonaqueous Media. Chemistry - A European Journal, 2015, 21, 14579-14588.	3.3	8
27	Synthesis, spectroscopic characterization and photocatalytic properties of corrole modified GPTMS/TiO2 nanoparticles. Inorganic Chemistry Communication, 2018, 98, 165-168.	3.9	7
28	Synthesis, characterization and third order nonlinear optical properties of trans-A₂B-type cobalt corroles. New Journal of Chemistry, 2021, 45, 2103-2109.	2.8	7
29	Construction of mixed corroleâ€“phthalocyanine europium triple-decker complexes involvingmeso-substitutedtrans-A₂B-corrole. New Journal of Chemistry, 2018, 42, 2498-2503.	2.8	5
30	Preparation of new semiconducting corrole nanostructures and their application as gas sensor. Synthetic Metals, 2019, 252, 69-75.	3.9	5
31	Nanoarchitectonic Composites of Mixed and Covalently Linked Multiwalled Carbon Nanotubes and Tetra-[Î±-(p-amino)benzyloxyl] Phthalocyanine Zinc(II). Journal of Nanoscience and Nanotechnology, 2020, 20, 2713-2721.	0.9	3
32	Preparation and Photocatalytic Studies on Nanocomposites of 4â€Hydroxylphenylâ€Substituted Corrole/TiO₂ towards Methyl Orange Photodegradation. ChemistrySelect, 2021, 6, 6841-6846.	1.5	3