

Kai Sheng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Keggin-Type Tridecanuclear Europium-Oxo Nanocluster Protected by Silsesquioxanes. <i>Chemistry of Materials</i> , 2022, 34, 4186-4194.	3.2	26
2	Tridecanuclear Gd(III)-silsesquioxane: Synthesis, structure, and magnetic property. <i>ChemPhysMater</i> , 2022, 1, 247-251.	1.4	9
3	Light-triggered reversible supramolecular self-assembly of azo groups-functionalized copper nanoclusters. <i>Journal of Molecular Liquids</i> , 2021, 343, 117698.	2.3	7
4	A Carbonate-Templated Decanuclear Mn Nanocage with Two Different Silsesquioxane Ligands. <i>Inorganic Chemistry</i> , 2021, 60, 14866-14871.	1.9	11
5	Arylazopyrazole-functionalized photoswitchable octanuclear Zn(II)-silsesquioxane nanocage. <i>Science China Chemistry</i> , 2021, 64, 419-425.	4.2	35
6	Temperature-induced Sn(II) supramolecular isomeric frameworks as promising heterogeneous catalysts for cyanosilylation of aldehydes. <i>Science China Chemistry</i> , 2020, 63, 182-186.	4.2	38
7	Self-assembly of a nonanuclear Ni ^{II} cluster <i>via</i> atmospheric CO ₂ fixation: synthesis, structure, collision-induced dissociation mass spectrometry and magnetic property. <i>Dalton Transactions</i> , 2020, 49, 10977-10982.	1.6	5
8	Engineering Cu/TiO ₂ @N-Doped C Interfaces Derived from an Atom-Precise Heterometallic Cu ^{II} ₄ Ti ^{IV} ₅ Cluster for Efficient Photocatalytic Hydrogen Evolution. <i>Inorganic Chemistry</i> , 2020, 59, 5456-5462.	1.9	25
9	A rod-like hexanuclear nickel cluster based on a bi(pyrazole-alcohol) ligand: structure, electrospray ionization mass spectrometry, magnetism and photocurrent response. <i>New Journal of Chemistry</i> , 2020, 44, 7152-7157.	1.4	9
10	CFTR mutation enhances Dishevelled degradation and results in impairment of Wnt-dependent hematopoiesis. <i>Cell Death and Disease</i> , 2018, 9, 275.	2.7	32
11	The Role of Histone Ubiquitination during Spermatogenesis. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	42
12	Near-white light luminescent material from Eu(III) complexes encapsulated in silica/PMMA matrices. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 4562-4567.	1.1	3
13	Adsorption-geometry induced transformation of self-assembled nanostructures of an aldehyde molecule on Cu(110). <i>Nanoscale</i> , 2014, 6, 11062-11065.	2.8	3
14	Atomic-Scale Investigation on the Facilitation and Inhibition of Guanine Tautomerization at Au(111) Surface. <i>ACS Nano</i> , 2014, 8, 1804-1808.	7.3	38
15	Steering On-Surface Supramolecular Nanostructures by <i>tert</i> -Butyl Group. <i>Journal of Physical Chemistry C</i> , 2014, 118, 3088-3092.	1.5	11
16	A self-assembled molecular nanostructure for trapping the native adatoms on Cu(110). <i>Chemical Communications</i> , 2013, 49, 1735.	2.2	15
17	A molecular conformational change induced self-assembly: from randomness to order. <i>Chemical Communications</i> , 2013, 49, 5207.	2.2	5
18	Atomic-Scale Probing the Priority of Oxidation Sites of an Organic Molecule Adsorbed at the Cu ₂ O/Cu(110) Interface. <i>ChemCatChem</i> , 2013, 5, 2662-2666.	1.8	0

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19	Controlling on-surface molecular diffusion behaviors by functionalizing the organic molecules with tert-butyl groups. <i>Applied Physics Letters</i> , 2013, 103, 013103.	1.5	8
20	Recent progress in photoactive rare earth/inorganic/organic polymeric hybrid materials with covalently bonded assembly. <i>Scientia Sinica Chimica</i> , 2012, 42, 1278-1288.	0.2	0
21	Coordination bonding construction, characterization and photoluminescence of ternary lanthanide (Eu^{3+} , Tb^{3+}) hybrids with phenylphenacyl-sulfoxide modified bridge and polymer units. <i>Dalton Transactions</i> , 2011, 40, 632-638.	1.6	38
22	Rare Earth Centered Hybrid Materials: Tb^{3+} Covalently Bonded with La^{3+} , Gd^{3+} , Y^{3+} Through Sulfonamide Bridge and Luminescence Enhancement. <i>Journal of Fluorescence</i> , 2011, 21, 653-662.	1.3	14
23	A new luminescent molecular based terbium hybrid material containing both organic polymeric chains and inorganic silica networks. <i>Journal of Materials Science: Materials in Electronics</i> , 2010, 21, 65-71.	1.1	12
24	Ternary Rare Earth Inorganic-Organic Hybrids with a Mercapto-Functionalized Si-O Linkage and a Polymer Chain: Coordination Bonding Assembly and Luminescence. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3498-3505.	1.0	14
25	Rare earth (Eu/Tb)/phthalic acid functionalized inorganic $\text{Si}^{\text{IV}}\text{O}$ /organic polymeric hybrids: Chemically bonded fabrication and photophysical property. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 210, 36-43.	2.0	24
26	Photoactive ternary inorganic/organic hybrids of Al^{3+} , Zn^{2+} center/8-hydroxyquinoline functionalized $\text{Si}^{\text{IV}}\text{O}$ network/polymer chain. <i>Synthetic Metals</i> , 2010, 160, 1449-1455.	2.1	1
27	Coordination bonding assembly and photophysical properties of Europium organic/inorganic/polymeric hybrid materials. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 206, 140-147.	2.0	18
28	Novel luminescent rare earth hybrids covalently trapped through phthalic anhydride linkage. <i>Journal of Non-Crystalline Solids</i> , 2009, 355, 1008-1011.	1.5	2