

Chunhua Ge

List of Publications by Year in descending order

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papers

930
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430874

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#	ARTICLE	IF	CITATIONS
1	Enhancing Luminol Electrochemiluminescence by Combined Use of Cobalt-Based Metal Organic Frameworks and Silver Nanoparticles and Its Application in Ultrasensitive Detection of Cardiac Troponin I. <i>Analytical Chemistry</i> , 2019, 91, 3048-3054.	6.5	113
2	Synthesis of mesoporous hexagonal boron nitride fibers with high surface area for efficient removal of organic pollutants. <i>Chemical Engineering Journal</i> , 2014, 243, 494-499.	12.7	78
3	Boron nitride foam as a polymer alternative in packaging phase change materials: Synthesis, thermal properties and shape stability. <i>Applied Energy</i> , 2019, 238, 942-951.	10.1	71
4	Enhanced thermal conductivity of commercial polystyrene filled with core-shell structured BN@PS. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 102, 218-227.	7.6	48
5	A highly sensitive and stable electrochemiluminescence immunosensor for alpha-fetoprotein detection based on luminol-AgNPs@Co/Ni-MOF nanosheet microflowers. <i>Sensors and Actuators B: Chemical</i> , 2020, 311, 127919.	7.8	44
6	Covalent Functionalized Boron Nitride Nanosheets as Efficient Lubricant Oil Additives. <i>Advanced Materials Interfaces</i> , 2019, 6, 1901172.	3.7	42
7	Construction of hexagonal boron nitride@polystyrene nanocomposite with high thermal conductivity for thermal management application. <i>Ceramics International</i> , 2020, 46, 7595-7601.	4.8	33
8	Atomically thin hydroxylation boron nitride nanosheets for excellent water-based lubricant additives. <i>Journal of the American Ceramic Society</i> , 2020, 103, 6951-6960.	3.8	31
9	Facile synthesis of magnetic hybrid metal-organic frameworks with high adsorption capacity for methylene blue. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3798.	3.5	29
10	Highly-dispersible boron nitride nanoparticles by spray drying and pyrolysis. <i>Ceramics International</i> , 2017, 43, 10192-10200.	4.8	27
11	Polyethylene glycol-based phase change materials with high photothermal conversion efficiency and shape stability in an aqueous environment for solar water heater. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 154, 106778.	7.6	27
12	Quasi-Photonic Crystal Light-Scattering Signal Amplification of SiO ₂ -Nanomembrane for Ultrasensitive Electrochemiluminescence Detection of Cardiac Troponin I. <i>Analytical Chemistry</i> , 2020, 92, 845-852.	6.5	26
13	Modified Melamine Foam-Based Flexible Phase Change Composites: Enhanced Photothermal Conversion and Shape Memory Properties. <i>ACS Applied Polymer Materials</i> , 2021, 3, 3321-3333.	4.4	24
14	3D Printing of Complex-type SiOC Ceramics Derived From Liquid Photosensitive Resin. <i>ChemistrySelect</i> , 2019, 4, 6862-6869.	1.5	20
15	Water-Dispersible Boron Nitride Nanospheres with High Thermal Conductivity for Heat Transfer Nanofluids. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 5466-5474.	2.0	19
16	Form-stable oxalic acid dihydrate/glycolic acid-based composite PCMs for thermal energy storage. <i>Renewable Energy</i> , 2019, 136, 657-663.	8.9	19
17	Preparation and Thermal Properties of Shape-stabilized Paraffin/ NPGDMA/BN Composite for Phase Change Energy Storage. <i>Chinese Journal of Chemistry</i> , 2020, 38, 1737-1742.	4.9	18
18	Tunable luminescence and morphological evolution of facile synthesized zinc borate/carbon dots composites for NUV-WLEDs. <i>Journal of Alloys and Compounds</i> , 2020, 834, 155021.	5.5	18

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19	Spectral properties of spherical boron nitride prepared using carbon spheres as template. <i>Ceramics International</i> , 2017, 43, 3569-3575.	4.8	16
20	Multiwalled carbon nanotubes encapsulated polystyrene: a facile one-step synthesis, electrical and thermal properties. <i>Journal of Materials Science</i> , 2019, 54, 6227-6237.	3.7	16
21	The synthesis of HKUST-1/SiO ₂ composite material based on 3D printing. <i>Inorganic Chemistry Communication</i> , 2020, 117, 107975.	3.9	16
22	High Thermal Conductivity Nanocomposites Based on Conductive Polyaniline Nanowire Arrays on Boron Nitride. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1900442.	3.6	15
23	Bis-boron-capped tris(dioxime) cage complexes with terminal carbonyl groups. <i>Inorganic Chemistry Communication</i> , 2016, 65, 63-67.	3.9	14
24	Hydrothermal synthesis of 4ZnO·B ₂ O ₃ ·H ₂ O:Ln ³⁺ (Ln = Eu, Tb) phosphors: Morphology-tunable and luminescence properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 190, 231-238.	3.9	14
25	Melamine sponge-assisted synthesis of porous BCNO phosphor with yellow-green luminescence for Cr ⁶⁺ detection. <i>Materials Chemistry and Physics</i> , 2020, 244, 122673.	4.0	14
26	Carbon dots optimize the luminescence and morphological of Tm ³⁺ doped zinc borate composites for NUV-WLEDs. <i>Journal of Alloys and Compounds</i> , 2021, 872, 159665.	5.5	12
27	Hydrothermal Carbon-Doped Polyethylene Glycol as Phase-Change Materials with Good Thermal Conductivity and Shape-Stability. <i>ChemistrySelect</i> , 2020, 5, 480-487.	1.5	11
28	Novel donut-like carbon composites for the selective detection of Fe ³⁺ . <i>Journal of Alloys and Compounds</i> , 2019, 773, 555-563.	5.5	10
29	Synthesis of boron nitride microrods with fish-scale-like structures for enhanced thermal conductivity of water. <i>International Journal of Heat and Mass Transfer</i> , 2019, 132, 1284-1295.	4.8	9
30	Boron-capped binuclear Mn(II) clathrochelate complexes: Synthetic, structural, and electrochemical studies. <i>Inorganica Chimica Acta</i> , 2017, 463, 134-141.	2.4	8
31	Tribological performances of hexagonal boron nitride nanosheets via surface modification with silane coupling agent. <i>SN Applied Sciences</i> , 2021, 3, 1.	2.9	8
32	A facile strategy to fabricate carboxyl-rich carbon spheres with copper-based MOFs through coordination bond. <i>Journal of Porous Materials</i> , 2016, 23, 1537-1545.	2.6	7
33	Hydrothermal Carbon Doped Form-Stable Inorganic Hydrate Salts Phase Change Materials with Excellent Reutilization. <i>Energy Technology</i> , 2018, 6, 1220-1227.	3.8	7
34	Enhanced photothermal conversion efficiency by loading polypyrrole nanoparticles on the surface of boron nitride. <i>Materials Letters</i> , 2022, 324, 132679.	2.6	7
35	Interpenetrating 2D Manganese(II) Coordination Polymer Supported by 4,4'-bis(dimethoxyphosphorylmethyl)biphenyl Ligands. <i>Chinese Journal of Chemistry</i> , 2009, 27, 1195-1198. ^{4.9}		6
36	Directly Grown Polystyrene Nanospheres on Graphene Oxide Enable Efficient Thermal Management. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 7124-7131.	3.7	6

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37	Functionalized Carboxyl Carbon/NaBOB Composite as Highly Conductive Electrolyte for Sodium Ion Batteries. <i>ChemistrySelect</i> , 2018, 3, 9293-9300.	1.5	5
38	High Thermal Conductivity of Carboxyl-rich Carbon/Polyethylene Glycol Composites for Enhanced Photothermal Conversion and Latent Heat Storage. <i>Chinese Journal of Chemistry</i> , 2021, 39, 3245-3254.	4.9	5
39	Weak Interactions Involving Fluorine in Supramolecular Assemblies of Cu(II) Complexes. <i>Chinese Journal of Chemistry</i> , 2010, 28, 2083-2088.	4.9	4
40	Novel $4ZnO \cdot B_2O_3 \cdot xH_2O : Ln^{3+}/HTC$ (where $Ln = Eu$ or Tb) phosphors: Synthesis, morphology and luminescence properties. <i>Journal of Materials Research</i> , 2020, 35, 1680-1691.	2.6	4
41	Diethyl β -aminophosphonate containing lubricating additives synthesized from (3-aminophenyl)boronic acid pinacol ester. <i>Inorganic Chemistry Communication</i> , 2022, 140, 109477.	3.9	4
42	3-(Dihydroxyboryl)anilinium 6-carboxypyridine-2-carboxylate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o2559-o2559.	0.2	3
43	Two closely related {4-[(<i>N</i> -substituted amino)(diethoxyphosphoryl)methyl]phenyl}boronic acids. <i>Acta Crystallographica Section C, Structural Chemistry</i> , 2017, 73, 57-60.	0.5	3
44	Template synthesis of boron-capped cage metal complexes and assembly of supramolecular networks. <i>Inorganica Chimica Acta</i> , 2018, 479, 36-41.	2.4	3
45	Theoretical investigation on the interaction of benzazaborole derivatives with iodide ion: Structural, binding and fluorescence properties analysis. <i>Journal of Molecular Graphics and Modelling</i> , 2019, 92, 32-43.	2.4	3
46	Solvent-assisted encapsulation of boron nitride in polystyrene for high-efficient heat dissipation. <i>Polymer Testing</i> , 2021, 102, 107325.	4.8	3
47	Novel phenylboronic acid derivatives containing phosphorous and nitrogen as lubricant additives: Synthesis, characterization, and tribological behaviors. <i>Proceedings of the Institution of Mechanical Engineers, Part J: Journal of Engineering Tribology</i> , 2020, 234, 1669-1679.	1.8	2
48	New boron-capped cage manganese(II) complex with terminal thiophene-2-carboxaldehyde groups: Crystal structure and density functional theory investigation for electron transfer. <i>Journal of Molecular Structure</i> , 2020, 1219, 128481.	3.6	2
49	A Facile Copper-Catalyzed In Situ Reaction Generating a Novel Organic Ligand from Citrazinic Acid. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2008, 38, 620-622.	0.6	1
50	<i>N</i> -(3-Hydroxyphenyl)nicotinamide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o1499-o1499.	0.2	1
51	Azocalix[4]arene with three distal ethyl ester residues as a highly selective chromogenic sensor for Ca^{2+} ions. <i>Heterocyclic Communications</i> , 2018, 24, 147-150.	1.2	1
52	Facile synthesis and luminescence properties of tubular BCNO phosphor with orange emission assisted by bamboo fiber. <i>Inorganic Chemistry Communication</i> , 2021, 130, 108709.	3.9	1
53	$2,2\text{-}[(1,3,5,7\text{-Tetraoxo-}1,2,3,5,6,7\text{-hexahydropyrrolo}[3,4-f]\text{isoindole-}2,6\text{-diyl)diacetic acid}N,N\text{-dimethylformamide disolvate}$. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o2400-o2400.	0.2	1
54	Preparation and Photothermal Conversion of $h\text{-BN}/CuO$ Nanofluids. <i>ChemistrySelect</i> , 2021, 6, 12537-12544.	1.5	1

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55	1-Benzyl-2-phenyl-1H-benzimidazole-4,4'-diyl)diphenol (1/1). Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o1829-o1829.	0.2	0
56	An N-Containing Boric Ester: Novel Addition Reaction of Imine. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2014, 44, 33-35.	0.6	0
57	Crystal structure of benzophenone-3,3',4,4'-tetracarboxylicimide-N,N'- diacetic acid · pyridine (1:2), C ₂₁ H ₁₂ N ₂ O ₉ ·2C ₅ H ₅ N, C ₃₁ H ₂₂ N ₄ O ₉ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2014, 229, .	0.3	0
58	Crystal structure of (E)-4-nitro-2-(((3-(tetrahydro-8H-4-[1,3,2]oxazaborolo[2,3-b][1,3,2]oxaborol-8-yl)phenyl)imino)methyl)phenol · water (1/2), C ₁₇ H ₁₈ N ₃ O ₅ ·2H ₂ O. Zeitschrift Fur Kristallographie - New Crystal Structures, 2016, 231, 89-91.	0.3	0
59	Fabrication of actinia-like atomically thin hydroxylation boron nitride@polyaniline hierarchical composites with adjustable high thermal conductivity and electrical conductivity. Nanotechnology, 2021, 33, .	2.6	0
60	3,3'-((Ethane-1,2-diyl)bis(2-thioxo-1,3-oxazolidin-4-one)). Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o506-o506.	0.2	0