

Dan Zhang

List of Publications by Year in descending order

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36
papers

849
citations

516710

16
h-index

501196

28
g-index

37
all docs

37
docs citations

37
times ranked

998
citing authors

#	ARTICLE	IF	CITATIONS
1	Unprecedented catalytic performance in amine syntheses <i>via</i> Pd/g-C ₃ N ₄ catalyst-assisted transfer hydrogenation. <i>Green Chemistry</i> , 2018, 20, 2038-2046.	9.0	91
2	Preferential Neighboring Substitution-Triggered Full Visible Spectrum Emission in Single-Phased Ca _{10.5} Mg _x (PO ₄) ₇ :Eu ²⁺ Phosphors for High Color-Rendering White LEDs. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 33322-33334.	8.0	84
3	Electrochemical dopamine sensor based on superionic conducting potassium ferrite. <i>Biosensors and Bioelectronics</i> , 2020, 153, 112045.	10.1	59
4	Co ₃ O ₄ @CuCoO ₂ Nanomesh: An Interface-Enhanced Substrate that Simultaneously Promotes CO Adsorption and O ₂ Activation in H ₂ Purification. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 6042-6053.	8.0	55
5	Study on the Local Structure and Luminescence Properties of a Y ₂ Mg ₂ Al ₂ Si ₂ O ₁₂ :Eu ³⁺ Red Phosphor for White-Light-Emitting Diodes. <i>Inorganic Chemistry</i> , 2020, 59, 9927-9937.	4.0	55
6	Li ⁺ Ion Induced Full Visible Emission in Single Eu ²⁺ @Doped White Emitting Phosphor: Eu ²⁺ Site Preference Analysis, Luminescence Properties, and WLED Applications. <i>Advanced Optical Materials</i> , 2021, 9, 2100337.	7.3	45
7	A zero-thermal-quenching perovskite-like phosphor with an ultra-narrow-band blue-emission for wide color gamut backlight display applications. <i>Journal of Materials Chemistry C</i> , 2021, 9, 13722-13732.	5.5	39
8	In Situ Synthesis of Mn ₃ O ₄ Nanoparticles on Hollow Carbon Nanofiber as High-Performance Lithium-Ion Battery Anode. <i>Chemistry - A European Journal</i> , 2018, 24, 9632-9638.	3.3	37
9	Reconstructing the Surface Structure of Li-Rich Cathodes for High-Energy Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 19950-19958.	8.0	37
10	Luminescence and Energy Transfer of Color-Tunable Y ₂ Mg ₂ Al ₂ Si ₂ O ₁₂ :Eu ²⁺ , Ce ³⁺ Phosphors. <i>Inorganic Chemistry</i> , 2021, 60, 5908-5916.	4.0	33
11	Ca(Mg _{0.8} Al _{0.2})(Si _{1.8} Al _{0.2})O ₆ :Ce ³⁺ , Tb ³⁺ Phosphors: Structure Control, Density-Functional Theory Calculation, and Luminescence Property for pc-wLED Application. <i>Inorganic Chemistry</i> , 2020, 59, 4790-4799.	4.0	31
12	Fast synthesis of Co _{1.8} V _{1.2} O ₄ /rGO as a high-rate anode material for lithium-ion batteries. <i>Chemical Communications</i> , 2018, 54, 7689-7692.	4.1	24
13	Photoluminescence and Color-Tunable Properties of Na ₄ Ca ₄ Mg ₂₁ (PO ₄) ₁₈ :Eu ²⁺ , Tb ³⁺ , Mn ²⁺ Phosphors for Applications in White LEDs. <i>Inorganic Chemistry</i> , 2020, 59, 14193-14206.	4.0	24
14	Unveiling the Impact of the Polypyrrole Coating Layer Thickness on the Electrochemical Performances of LiNi _{0.5} Co _{0.2} Mn _{0.3} O ₂ in Li-Ion Battery. <i>ChemistrySelect</i> , 2019, 4, 6354-6360.	1.5	20
15	Proton conduction in a new 3-D open-framework vanadoborate with an abundant hydrogen bond system. <i>Dalton Transactions</i> , 2017, 46, 9103-9109.	3.3	19
16	Crystal structure, luminescence properties and application performance of color tuning Y ₂ Mg ₂ Al ₂ Si ₂ O ₁₂ :Ce ³⁺ , Mn ²⁺ phosphors for warm white light-emitting diodes. <i>Materials Advances</i> , 2020, 1, 2261-2270.	3.4	19
17	Preparation and characterization of Ag/AgO nanoshells on carboxylated polystyrene latex particles. <i>Journal of Materials Research</i> , 2006, 21, 349-354.	2.6	17
18	Potassium Ferrite as Heterogeneous Photo-Fenton Catalyst for Highly Efficient Dye Degradation. <i>Catalysts</i> , 2020, 10, 293.	3.5	16

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19	Synthesis of a Ternary Thiostannate with 3D Channel Decorated by Hydronium for High Proton Conductivity. <i>Inorganic Chemistry</i> , 2017, 56, 208-212.	4.0	15
20	Stability and Phase Behavior of Acrylamide-Based Emulsions before and after Polymerization. <i>Journal of Physical Chemistry B</i> , 2006, 110, 9079-9084.	2.6	14
21	On-Demand Circularly Polarized Room-Temperature Phosphorescence in Chiral Nematic Nanoporous Silica Films. <i>Advanced Optical Materials</i> , 2022, 10, .	7.3	14
22	In situ synthesis of V_2O_3 nanorods anchored on reduced graphene oxide as high-performance lithium ion battery anode. <i>ChemistrySelect</i> , 2018, 3, 12108-12112.	1.5	13
23	Proton Conduction in Organically Templated 3D Open-Framework Vanadium-Nickel Pyrophosphate. <i>Inorganic Chemistry</i> , 2019, 58, 4394-4398.	4.0	12
24	A new 3-D open-framework Li-rich vanadoborate and its high ionic conductivity after transforming into glasses. <i>Dalton Transactions</i> , 2017, 46, 2479-2484.	3.3	11
25	Heat-Treatment-Assisted Molten-Salt Strategy to Enhance Electrochemical Performances of Li-Rich Assembled Microspheres by Tailoring Their Surface Features. <i>Chemistry - A European Journal</i> , 2019, 25, 2003-2010.	3.3	10
26	Proton conducting in a new vanadoborate with 3D structure through hydrogen bonding. <i>Journal of Alloys and Compounds</i> , 2020, 816, 152505.	5.5	10
27	Tuning shell thickness of MnO/C core-shell nanowires for optimum performance of lithium-ion batteries. <i>Chemical Research in Chinese Universities</i> , 2017, 33, 924-928.	2.6	8
28	Efficient proton conductivity of a novel 3D open-framework vanadoborate with $[V_6B_{20}]$ architectures. <i>Dalton Transactions</i> , 2021, 50, 3240-3246.	3.3	8
29	Facile synthesis of mesoporous FeNi-alloyed carbonaceous microspheres as recyclable magnetic adsorbents for trichloroethylene removal. <i>RSC Advances</i> , 2015, 5, 93491-93498.	3.6	5
30	A New 3-D Open-Framework Zinc Borovanadate with Catalytic Potentials in \pm -Phenethyl Alcohol Oxidation. <i>Molecules</i> , 2019, 24, 531.	3.8	5
31	Organotemplate-free synthesis of two open-framework metal borophosphates. <i>Dalton Transactions</i> , 2015, 44, 17100-17105.	3.3	4
32	Water assisted high proton conductance in a pure-inorganic framework vanadoborate. <i>New Journal of Chemistry</i> , 2022, 46, 974-980.	2.8	4
33	Simply Constructing $Li_{1.2}Mn_{0.6}Ni_{0.2}O_2/C$ Composites for Superior Electrochemical Performance and Thermal Stability in Li-Ion Battery. <i>ChemistrySelect</i> , 2018, 3, 13647-13653.	1.5	3
34	$Cd_3[B_2P_4O_{14}(OH)_4]$: A 3D Open-Framework Cadmium Borophosphate with Unique Twisted 8-Ring Channels. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2015, 641, 1777-1780.	1.2	1
35	One-step synthesis of 5-ethyl-2-methylpyridine from NH_4HCO_3 and C_2H_5OH under hydrothermal condition. <i>Chemical Research in Chinese Universities</i> , 2015, 31, 249-252.	2.6	0
36	Synthesis and characterization of thienyl-substituted methanofullerene dyads. <i>Environmental Progress and Sustainable Energy</i> , 2018, 37, 1433-1437.	2.3	0