

Dan Zhang

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Water assisted high proton conductance in a pure-inorganic framework vanadoborate. <i>New Journal of Chemistry</i> , 2022, 46, 974-980. | 2.8 | 4 |
| 2 | On-Demand Circularly Polarized Room-Temperature Phosphorescence in Chiral Nematic Nanoporous Silica Films. <i>Advanced Optical Materials</i> , 2022, 10, . | 7.3 | 14 |
| 3 | Luminescence and Energy Transfer of Color-Tunable $Y_2Mg_2Al_2Si_2O_{12}:Eu^{2+}, Ce^{3+}$ Phosphors. <i>Inorganic Chemistry</i> , 2021, 60, 5908-5916. | 4.0 | 33 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | Photoluminescence and Color-Tunable Properties of $Na_4Ca_4Mg_{21}(PO_4)_{18}:Eu^{2+}, Tb^{3+}, Mn^{2+}$ Phosphors for Applications in White LEDs. <i>Inorganic Chemistry</i> , 2020, 59, 14193-14206. | 4.0 | 24 |
| 9 | Crystal structure, luminescence properties and application performance of color tuning $Y_2Mg_2Al_2Si_2O_{12}:Ce^{3+}, Mn^{2+}$ phosphors for warm white light-emitting diodes. <i>Materials Advances</i> , 2020, 1, 2261-2270. | 4.0 | 19 |
| 10 | $Ca(Mg_{0.8}Al_{0.2})(Si_{1.8}Al_{0.2})O_6:Ce^{3+}, Tb^{3+}$ 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 |
| 11 | Study on the Local Structure and Luminescence Properties of a $Y_2Mg_2Al_2Si_2O_{12}:Eu^{3+}$ Red Phosphor for White-Light-Emitting Diodes. <i>Inorganic Chemistry</i> , 2020, 59, 9927-9937. | 4.0 | 55 |
| 12 | Electrochemical dopamine sensor based on superionic conducting potassium ferrite. <i>Biosensors and Bioelectronics</i> , 2020, 153, 112045. | 10.1 | 59 |
| 13 | Potassium Ferrite as Heterogeneous Photo-Fenton Catalyst for Highly Efficient Dye Degradation. <i>Catalysts</i> , 2020, 10, 293. | 3.5 | 16 |
| 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 | 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 |
| 16 | Proton Conduction in Organically Templated 3D Open-Framework Vanadium-Nickel Pyrophosphate. <i>Inorganic Chemistry</i> , 2019, 58, 4394-4398. | 4.0 | 12 |
| 17 | A New 3-D Open-Framework Zinc Borovanadate with Catalytic Potentials in α -Phenethyl Alcohol Oxidation. <i>Molecules</i> , 2019, 24, 531. | 3.8 | 5 |
| 18 | Heat-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 |

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Co ₃ O ₄ â€“CuCo ₂ Nanomesh: An Interface-Enhanced Substrate that Simultaneously Promotes CO Adsorption and O ₂ Activation in H ₂ Purification. ACS Applied Materials & Interfaces, 2019, 11, 6042-6053. | 8.0 | 55 |
| 20 | In Situ Synthesis of Mn ₃ O ₄ Nanoparticles on Hollow Carbon Nanofiber as High-Performance Lithium-Ion Battery Anode. Chemistry - A European Journal, 2018, 24, 9632-9638. | 3.3 | 37 |
| 21 | Synthesis and characterization of thienyl-substituted methanofullerene dyads. Environmental Progress and Sustainable Energy, 2018, 37, 1433-1437. | 2.3 | 0 |
| 22 | Unprecedented catalytic performance in amine syntheses <i>via</i> Pd/g-C ₃ N ₄ catalyst-assisted transfer hydrogenation. Green Chemistry, 2018, 20, 2038-2046. | 9.0 | 91 |
| 23 | In situ synthesis of V ₂ O ₃ nanorods anchored on reduced graphene oxide as high-performance lithium ion battery anode. ChemistrySelect, 2018, 3, 12108-12112. | 1.5 | 13 |
| 24 | 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. ChemistrySelect, 2018, 3, 13647-13653. | 1.5 | 3 |
| 25 | Preferential Neighboring Substitution-Triggered Full Visible Spectrum Emission in Single-Phased Ca _{10.5} xMg _x (PO ₄) ₇ :Eu ²⁺ Phosphors for High Color-Rendering White LEDs. ACS Applied Materials & Interfaces, 2018, 10, 33322-33334. | 8.0 | 84 |
| 26 | Fast synthesis of Co _{1.8} V _{1.2} O ₄ /rGO as a high-rate anode material for lithium-ion batteries. Chemical Communications, 2018, 54, 7689-7692. | 4.1 | 24 |
| 27 | A new 3-D open-framework Li-rich vanadoborate and its high ionic conductivity after transforming into glasses. Dalton Transactions, 2017, 46, 2479-2484. | 3.3 | 11 |
| 28 | Proton conduction in a new 3-D open-framework vanadoborate with an abundant hydrogen bond system. Dalton Transactions, 2017, 46, 9103-9109. | 3.3 | 19 |
| 29 | Synthesis of a Ternary Thiostannate with 3D Channel Decorated by Hydronium for High Proton Conductivity. Inorganic Chemistry, 2017, 56, 208-212. | 4.0 | 15 |
| 30 | Tuning shell thickness of MnO/C core-shell nanowires for optimum performance of lithium-ion batteries. Chemical Research in Chinese Universities, 2017, 33, 924-928. | 2.6 | 8 |
| 31 | Cd ₃ [B ₂ P ₄ O ₁₄ (OH) ₄]: A 3D Open-Framework Cadmium Borophosphate with Unique Twisted 8-Ring Channels. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2015, 641, 1777-1780. | 1.2 | 1 |
| 32 | Organotemplate-free synthesis of two open-framework metal borophosphates. Dalton Transactions, 2015, 44, 17100-17105. | 3.3 | 4 |
| 33 | One-step synthesis of 5-ethyl-2-methylpyridine from NH ₄ HCO ₃ and C ₂ H ₅ OH under hydrothermal condition. Chemical Research in Chinese Universities, 2015, 31, 249-252. | 2.6 | 0 |
| 34 | Facile synthesis of mesoporous FeNi-alloyed carbonaceous microspheres as recyclable magnetic adsorbents for trichloroethylene removal. RSC Advances, 2015, 5, 93491-93498. | 3.6 | 5 |
| 35 | Stability and Phase Behavior of Acrylamide-Based Emulsions before and after Polymerization. Journal of Physical Chemistry B, 2006, 110, 9079-9084. | 2.6 | 14 |
| 36 | Preparation and characterization of Ag/AgO nanoshells on carboxylated polystyrene latex particles. Journal of Materials Research, 2006, 21, 349-354. | 2.6 | 17 |