

Shuxian Wang

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

295
citations

1040056

9
h-index

940533

16
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26
all docs

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docs citations

26
times ranked

295
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Rational Design of a Nd ³⁺ /Mn ⁴⁺ Co-doped Luminescent Thermometer: Towards High-Sensitivity Temperature Sensing. <i>ChemPhotoChem</i> , 2021, 5, 455-465. | 3.0 | 3 |
| 2 | Unraveling the valence states of manganese ions and the effects of composition variation and post-processing in YGG1-LuGG :Mn garnet optical sensor. <i>Chemical Engineering Journal</i> , 2021, 411, 128448. | 12.7 | 9 |
| 3 | Study on the hydration properties of two polymorphs of Sr ₄ Al ₆ SO ₁₆ . <i>Ceramics International</i> , 2021, 47, 13820-13826. | 4.8 | 2 |
| 4 | Exploiting novel optical thermometry near room temperature with a combination of phase-change host and luminescent Pr ³⁺ ion. <i>Chemical Engineering Journal</i> , 2021, 414, 128884. | 12.7 | 17 |
| 5 | Enhancing the Photoluminescence Property of Pr ³⁺ Ions by Understanding the Polymorphous Influence of the K ₃ Lu(PO ₄) ₂ Host. <i>Inorganic Chemistry</i> , 2021, 60, 14978-14987. | 4.0 | 5 |
| 6 | Structural analysis and phase transformation of doped strontium sulfoaluminate. <i>Journal of Alloys and Compounds</i> , 2021, 877, 160154. | 5.5 | 2 |
| 7 | Studying crystal-field splitting difference of Eu ³⁺ ions from orthorhombic to cubic Ca ₄ Al ₆ SO ₁₆ . <i>Ceramics International</i> , 2020, 46, 5998-6005. | 4.8 | 2 |
| 8 | Synthesis, crystal structure and photoluminescence properties of novel Ba ₃ Lu ₄ O ₉ :Ce ³⁺ orange-red phosphors for white light emitting diodes. <i>Journal of Alloys and Compounds</i> , 2020, 819, 153047. | 5.5 | 13 |
| 9 | Exploring impurity phases derived from the introduction of vanadium ions in yttrium gallium garnet. <i>Ceramics International</i> , 2020, 46, 25996-26003. | 4.8 | 2 |
| 10 | Comprehensive evaluation of formation kinetics in preparation of ternesite from different polymorphs of Ca ₂ SiO ₄ . <i>Journal of Solid State Chemistry</i> , 2020, 292, 121725. | 2.9 | 8 |
| 11 | From graphene oxide to reduced graphene oxide: Enhanced hydration and compressive strength of cement composites. <i>Construction and Building Materials</i> , 2020, 248, 118699. | 7.2 | 47 |
| 12 | Enhanced Dispersion of Graphene Oxide in Cement Matrix with Isolated-Dispersion Strategy. <i>Industrial & Engineering Chemistry Research</i> , 2020, 59, 10221-10228. | 3.7 | 14 |
| 13 | Site engineering of Ce ³⁺ -doped calcium scandate phosphors and understanding of relevant red-shifted emitting from green to yellow. <i>Ceramics International</i> , 2020, 46, 20004-20011. | 4.8 | 3 |
| 14 | A promising temperature sensing strategy based on highly sensitive Pr ³⁺ -doped SrRE ₂ O ₄ (RE=Sc, Lu and Tj) ETQ _{0,0,0} rgBT /Overloc | 12.7 | 21 |
| 15 | Regulation of Fe ³⁺ -doped Sr ₄ Al ₆ SO ₁₆ crystalline structure. <i>Journal of Solid State Chemistry</i> , 2020, 288, 121415. | 2.9 | 4 |
| 16 | Influence of synthesis methods on ettringite dehydration. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 135, 2031-2038. | 3.6 | 14 |
| 17 | Effects of graphene oxide on the hydration behavior of ye™elinite. <i>Journal of Materials Science</i> , 2019, 54, 12582-12591. | 3.7 | 8 |
| 18 | High-Performance Pr ³⁺ -Doped Scandate Optical Thermometry: 200 K of Sensing Range with Relative Temperature Sensitivity above 2%K ⁻¹ . <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 42330-42338. | 8.0 | 60 |

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|----|--|-----|-----------|
| 19 | Trace detection of impurity phase in preparation of ye'elinite by Eu ³⁺ fluorescence prober. Sensors and Actuators B: Chemical, 2019, 296, 126607. | 7.8 | 4 |
| 20 | Fast preparation of Ce ³⁺ -activated scandate for high-color- rendering warm white-light illumination by cation exchange. Journal of Luminescence, 2019, 212, 361-367. | 3.1 | 4 |
| 21 | Phase Identification of $\hat{1}^3$ - and $\hat{1}^2$ -Ca ₂ SiO ₄ via the Rear-Earth Fluorescence Probe. Journal of Physical Chemistry C, 2019, 123, 13877-13884. | 3.1 | 11 |
| 22 | Exploring crystal-field splittings of Eu ³⁺ ions in $\hat{1}^3$ - and $\hat{1}^2$ -SrGa ₂ O ₄ . Journal of Luminescence, 2019, 210, 155-163. | 3.1 | 9 |
| 23 | Facile one-pot synthesis of long-term thermally stable CDs@AlOOH toward white-light illumination. Journal of Materials Chemistry C, 2019, 7, 14717-14724. | 5.5 | 9 |
| 24 | The effect of gypsum on the hydration of alite-“belite”-ferrite phase system. Journal of Thermal Analysis and Calorimetry, 2019, 136, 717-724. | 3.6 | 8 |
| 25 | Facile Post-Synthesis of a Ce ³⁺ -Doped Ca _x Sr _{1-x} Sc ₂ O ₄ Phosphor by Means of Cation Exchange. ChemistrySelect, 2018, 3, 4387-4392. | 1.5 | 6 |
| 26 | Modulation of two ye'elinite phases via Ga ³⁺ cation substitution. CrystEngComm, 2018, 20, 3755-3764. | 2.6 | 10 |