

Meng Zhang

List of Publications by Year in descending order

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7
papers

109
citations

1937685

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1872680

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docs citations

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times ranked

148
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Ratiometric Afterglow Nanothermometer for Simultaneous <i>in Situ</i> Bioimaging and Local Tissue Temperature Sensing. <i>Chemistry of Materials</i> , 2017, 29, 8119-8131. | 6.7 | 67 |
| 2 | Enhanced near infrared persistent luminescence of $Zn_{2.98}Ge_{0.75}O_8:Cr^{3+}$ nanoparticles by partial substitution of Ge^{4+} by Sn^{4+} . <i>RSC Advances</i> , 2018, 8, 10954-10963. | 3.6 | 15 |
| 3 | Enhancement of encaged electron concentration by Sr^{2+} doping and improvement of Gd^{3+} emission through controlling encaged anions in conductive C12A7 phosphors. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 18697-18704. | 2.8 | 10 |
| 4 | Enhanced emission of encaged-OH [•] -free $Ca_{12(1-x)}Sr_{12x}Al_{14}O_{33}:0.1\%Gd^{3+}$ conductive phosphors via tuning the encaged-electron concentration for low-voltage FEDs. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 12647-12654. | 2.8 | 5 |
| 5 | First-principles calculation of influence of nitrogen substituting for oxygen on the crystal structures and electronic band structures of $Sr_3MgSi_2O_8-\dot{I}fNif$. <i>Computational Materials Science</i> , 2019, 163, 256-261. | 3.0 | 5 |
| 6 | Investigations of crystal structures and the electronic structure changes of $Sr_3MgSi_2O_8-Sr_3MgSi_2O_8\dot{I}^{\prime}$ systems by first-principles calculation. <i>Chemical Physics Letters</i> , 2018, 712, 54-59. | 2.6 | 4 |
| 7 | Comprehension of defect states induced by fluorine ions substituting for oxygen ions in $Sr_3MgSi_2O_8\dot{I}^{\prime}F\dot{I}^{\prime}$ by first principles calculation. <i>Functional Materials Letters</i> , 2021, 14, 2151039. | 1.2 | 3 |