

# Meng Zhang

## List of Publications by Year in descending order

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Version: 2024-02-01

7  
papers

109  
citations

1937685

4  
h-index

1872680

6  
g-index

7  
all docs

7  
docs citations

7  
times ranked

148  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comprehension of defect states induced by fluorine ions substituting for oxygen ions in $\text{Sr}_3\text{MgSi}_2\text{O}_8\hat{\text{F}}_2\hat{\text{I}}$ by first principles calculation. <i>Functional Materials Letters</i> , 2021, 14, 2151039.	1.2	3
2	First-principles calculation of influence of nitrogen substituting for oxygen on the crystal structures and electronic band structures of $\text{Sr}_3\text{MgSi}_2\text{O}_8\hat{\text{f}}\text{N}\hat{\text{I}}\text{f}$ . <i>Computational Materials Science</i> , 2019, 163, 256-261.	3.0	5
3	Enhanced near infrared persistent luminescence of $\text{Zn}_{2.98}\text{Ga}_{2.98}\text{Ge}_{0.75}\text{O}_8\text{Cr}_{0.02}^{3+}$ nanoparticles by partial substitution of $\text{Ge}^{4+}$ by $\text{Sn}^{4+}$ . <i>RSC Advances</i> , 2018, 8, 10954-10963.	3.6	15
4	Investigations of crystal structures and the electronic structure changes of $\text{Sr}_3\text{MgSi}_2\text{O}_8\text{-Sr}_3\text{MgSi}_2\text{O}_8\hat{\text{f}}\text{I}$ systems by first-principles calculation. <i>Chemical Physics Letters</i> , 2018, 712, 54-59.	2.6	4
5	Enhanced emission of encaged- $\text{OH}^{\cdot}$ -free $\text{Ca}_{12}(1\hat{\text{x}})\text{Sr}_{12}\text{Al}_{14}\text{O}_{33}:0.1\%\text{Gd}^{3+}$ 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
6	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
7	Enhancement of encaged electron concentration by $\text{Sr}^{2+}$ doping and improvement of $\text{Gd}^{3+}$ emission through controlling encaged anions in conductive C12A7 phosphors. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 18697-18704.	2.8	10