

Jun Wen

List of Publications by Year in descending order

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26
papers

679
citations

687363

13
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

831
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron-Mediated Direct Suzuki~Miyaura Reaction: A New Method for the <i>ortho</i> -Arylation of Pyrrole and Pyridine. <i>Organic Letters</i> , 2010, 12, 2694-2697.	4.6	128
2	Direct Arylation of Arene and <i>N</i> -Heteroarenes with Diaryliodonium Salts without the Use of Transition Metal Catalyst. <i>Journal of Organic Chemistry</i> , 2012, 77, 766-771.	3.2	121
3	Closing the Cyan Gap Toward Full-Spectrum LED Lighting with NaMgBO ₃ :Ce ³⁺ . <i>Chemistry of Materials</i> , 2020, 32, 882-888.	6.7	97
4	Identifying the Emission Centers and Probing the Mechanism for Highly Efficient and Thermally Stable Luminescence in the La ₃ Si ₆ N ₁₁ :Ce ³⁺ Phosphor. <i>Journal of Physical Chemistry C</i> , 2018, 122, 7849-7858.	3.1	43
5	Understanding the blue-emitting orthoborate phosphor NaBaBO ₃ :Ce ³⁺ through experiment and computation. <i>Journal of Materials Chemistry C</i> , 2019, 7, 654-662.	5.5	39
6	Spectroscopic Distinctions between Two Types of Ce ³⁺ Ions in X ₂ Y ₂ SiO ₅ : A Theoretical Investigation. <i>Journal of Physical Chemistry A</i> , 2014, 118, 4988-4994.	2.5	37
7	Understanding the defect levels and photoluminescence in a series of bismuth-doped perovskite oxides: First-principles study. <i>Physical Review B</i> , 2021, 104, .	3.2	25
8	First-Principles Study on Structural, Electronic, and Spectroscopic Properties of Bi^{3+} -Ca ₂ SiO ₄ :Ce ³⁺ Phosphors. <i>Journal of Physical Chemistry A</i> , 2015, 119, 8031-8039.	2.5	23
9	First-principles study of Bi^{3+} -related luminescence and traps in the perovskites		

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19	Quantum-chemical ab initio study of the crystal-field and charge transfer energies of nanocrystalline Y ₂ O ₃ :Eu ³⁺ . Current Applied Physics, 2012, 12, 732-736.	2.4	6
20	Thermal stabilities, electronic structures and optical properties of intrinsic defects and dopant cerium in Ca ₄ F ₂ Si ₂ O ₇ . Journal of Alloys and Compounds, 2017, 713, 28-37.	5.5	6
21	First-principles study of Ti-doped sapphire. II. Formation and reduction of complex defects. Physical Review B, 2021, 104, .	3.2	6
22	First-Principles Study of Ca ₃ Sc ₂ Si ₃ O ₁₂ :Ce ³⁺ Phosphors. Chinese Journal of Chemical Physics, 2015, 28, 150-154.	1.3	5
23	Intrinsic Point Defects and Dopants Ce ³⁺ in SrLiAl ₃ N ₄ : Thermodynamic and Spectral Properties from First Principles. Journal of Physical Chemistry C, 2020, 124, 13400-13408.	3.1	4
24	Understanding the K ₂ CO ₃ -Type Na(Na _{0.5} Sc _{0.5})BO ₃ :Ce ³⁺ + Phosphor. ECS Journal of Solid State Science and Technology, 2021, 10, 096014.	1.8	2
25	A multi-path transmission algorithm for Layered scalable coding. , 2011, , .		0
26	Thermodynamics stability, electronic structures and spectroscopic properties of defects and Ce ³⁺ ions in Y ₂ O ₃ . Current Applied Physics, 2021, 26, 55-63.	2.4	0