

Yue Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

105
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

87
citing authors

#	ARTICLE	IF	CITATIONS
1	Densification, microstructure, and mechanical properties of ZrC-SiC ceramics. Journal of the American Ceramic Society, 2019, 102, 5786-5795.	3.8	32
2	From thermal conductive to thermal insulating: Effect of carbon vacancy content on lattice thermal conductivity of ZrC. Journal of Materials Science and Technology, 2021, 82, 105-113.	10.7	22
3	Synthesis of ZrCx with controlled carbon stoichiometry by low temperature solid state reaction. Journal of the European Ceramic Society, 2019, 39, 2594-2600.	5.7	18
4	Carbon vacancy ordering in zirconium carbide powder. Journal of the American Ceramic Society, 2020, 103, 2891-2898.	3.8	14
5	Electronic structure and thermal conductivity of zirconium carbide with hafnium additions. Journal of the American Ceramic Society, 2021, 104, 4708-4717.	3.8	10
6	Solute distributions in tantalum-containing zirconium diboride ceramics. Journal of the American Ceramic Society, 2020, 103, 2880-2890.	3.8	6
7	Detonation synthesis of nanoscale silicon carbide from elemental silicon. Ceramics International, 2022, 48, 4456-4463.	4.8	2
8	First-principles study of the thermal properties of Zr ₂ C and Zr ₂ CO. Journal of the American Ceramic Society, 2022, 105, 4921-4929.	3.8	1