

Shuoyan Zhai

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

59
citations

1684188
5
h-index

1720034
7
g-index

7
all docs

7
docs citations

7
times ranked

55
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure of the directionally solidified ternary eutectic ceramic Al ₂ O ₃ /MgAl ₂ O ₄ /ZrO ₂ . Ceramics International, 2016, 42, 8079-8084.	4.8	13
2	Microstructure and Mechanical Properties of Al ₂ O ₃ /Er ₃ Al ₅ O ₁₂ Binary Eutectic Ceramic Prepared by Bridgman Method. Materials, 2018, 11, 534.	2.9	12
3	Preparation of directionally solidified Al ₂ O ₃ /YAG/ZrO ₂ ternary eutectic ceramic with induction heating zone melting. Journal of Alloys and Compounds, 2019, 789, 240-248.	5.5	10
4	Effect of solidification process on microstructure and properties of Al ₂ O ₃ /Er ₃ Al ₅ O ₁₂ eutectic ceramic. Ceramics International, 2018, 44, 17407-17414.	4.8	7
5	Microstructure and mechanical properties of directionally solidified Al ₂ O ₃ /YAG binary eutectic ceramic prepared with induction heating zone melting. Materials Chemistry and Physics, 2020, 242, 122503.	4.0	6
6	Changes in the microstructure and mechanical properties of Al ₂ O ₃ /YSZ directionally solidified eutectic ceramics during long-time heat treatment. Journal of the European Ceramic Society, 2021, 41, 266-273.	5.7	6
7	Microstructure and mechanical properties of Al ₂ O ₃ /Er ₃ Al ₅ O ₁₂ /ZrO ₂ prepared by a high-frequency zone melting method. International Journal of Refractory Metals and Hard Materials, 2019, 81, 291-298.	3.8	5