

# Shuoyan Zhai

## List of Publications by Year in descending order

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