

# Zhiming Shi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4113914/publications.pdf>

Version: 2024-02-01

12  
papers

60  
citations

1937685

4  
h-index

1588992

8  
g-index

12  
all docs

12  
docs citations

12  
times ranked

66  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation of novel and durable concrete skin. <i>Structural Concrete</i> , 2021, 22, E976.	3.1	0
2	Influence of Cr, Mn, Co and Ni Addition on Crystallization Behavior of Al <sub>13</sub> Fe <sub>4</sub> Phase in Al-5Fe Alloys Based on ThermoDynamic Calculations. <i>Materials</i> , 2021, 14, 768.	2.9	5
3	Low Concentration and High Transparency Keratin Hydrogel Fabricated via Cryoablation. <i>Frontiers in Materials</i> , 2021, 8, .	2.4	2
4	Doping and adsorption mechanism of the element Y modifying the primary Al <sub>13</sub> Fe <sub>4</sub> phase in hypereutectic Al-Fe alloys from first-principles. <i>CrystEngComm</i> , 2021, 23, 3802-3811.	2.6	2
5	Study on the Structure and Properties of Biofunctional Keratin from Rabbit Hair. <i>Materials</i> , 2021, 14, 379.	2.9	19
6	Crystallization behavior, Al-Ce intermetallic formation, and microstructure refinement of near-eutectic Al-Si alloys by rare-earth element additions. <i>International Journal of Materials Research</i> , 2020, 111, 938-952.	0.3	4
7	Study of the Microstructure and Crack Evolution Behavior of Al-5Fe-1.5Er Alloy. <i>Materials</i> , 2019, 12, 172.	2.9	4
8	Effects of Ce-Rich Mischmetal on Microstructure Evolution and Mechanical Properties of 5182 Aluminum Alloy. <i>Materials</i> , 2019, 12, 4230.	2.9	5
9	Study on Sand Erosion and Tribological Behavior of TiO <sub>2</sub> Films Prepared on a Glass Surface. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 1792-1798.	0.9	0
10	Properties of Electrical Conductivity in Y-Doped CaZrO <sub>3</sub> . <i>Materials Transactions</i> , 2012, 53, 973-979.	1.2	19
11	Molecular Mechanism of Rabbit Hair Keratin Hydrogel Fabricated via Cryoablation. <i>Macromolecular Chemistry and Physics</i> , 0, , 2100240.	2.2	0
12	Microstructure and properties of porous ceramics synthesized using Kubuqi desert sand. , 0, , .		0