

# Zheng Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9796996/publications.pdf>

Version: 2024-02-01

5  
papers

174  
citations

1684188

5  
h-index

2053705

5  
g-index

5  
all docs

5  
docs citations

5  
times ranked

53  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure, mechanical properties and corrosion resistance of A356 aluminum/AZ91D magnesium bimetal prepared by a compound casting combined with a novel Ni-Cu composite interlayer. Journal of Materials Processing Technology, 2021, 288, 116874.	6.3	99
2	Effect of La on microstructure, mechanical properties and fracture behavior of Al/Mg bimetallic interface manufactured by compound casting. Journal of Materials Science and Technology, 2022, 105, 214-225.	10.7	32
3	Improved interface bonding of Al/Mg bimetal fabricated by compound casting with Nd addition. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 826, 141998.	5.6	19
4	The role of vibration time in interfacial microstructure and mechanical properties of Al/Mg bimetallic composites produced by a novel compound casting. Journal of Materials Research and Technology, 2021, 15, 3867-3879.	5.8	14
5	Understanding the microstructural evolution and strengthening mechanism of Al/Mg bimetallic interface via the introduction of Y. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2022, 840, 142974.	5.6	10