

Tong Liu

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Effect of Cyclic Deep Cryogenic Treatment on Corrosion Resistance of 7075 Alloy. <i>Metals and Materials International</i> , 2022, 28, 862-870.	3.4	11
2	Retrogression on corrosion behavior of spray formed Al-7075. <i>Journal of Materials Research</i> , 2017, 32, 2621-2627.	2.6	10
3	Effect of Mg Content on the Microstructure and Corrosion Properties of Al-Cu-Mn Alloy. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 1622-1629.	2.5	10
4	Effect of Deep Cryogenic Treatment on Wear and Corrosion Resistance of an Al-Zn-Mg-Cu Alloy. <i>Russian Journal of Non-Ferrous Metals</i> , 2021, 62, 89-96.	0.6	10
5	Study on Corrosion Behavior of 7075 Aluminum Alloy with Retrogression and Reaging Using Taguchi Method. <i>Journal of Materials Engineering and Performance</i> , 2018, 27, 6246-6255.	2.5	9
6	Microstructure and Mechanical Properties of Spray-Formed 7075 Alloy During Retrogression. <i>Journal of Materials Engineering and Performance</i> , 2018, 27, 4437-4443.	2.5	7
7	Improvement of Interface Bonding and Thermal Conductivity of Carbon-Fiber Reinforced Aluminum Matrix Composites with Sn-Cu Coatings. <i>Jom</i> , 2022, 74, 1840-1848.	1.9	6
8	Mechanical Properties and Corrosion Behavior of Spray-Formed 7075 Alloy with One-Stage Aging. <i>Journal of Materials Engineering and Performance</i> , 2019, 28, 2212-2220.	2.5	5
9	Microstructure and Mechanical Properties of AA7075 Alloy with Laser High-Temperature Pre-precipitation Process. <i>Journal of Materials Engineering and Performance</i> , 2020, 29, 3297-3304.	2.5	4
10	Electrochemical assessment of laser heat treatment of an Al-Zn-Mg-Cu alloy. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2020, 71, 374-381.	1.5	3
11	Microstructure and mechanical properties of 7075 alloy during laser heat treatment. <i>Materials Research Express</i> , 2018, 5, 116526.	1.6	2
12	Effect of fiber bundles spacing on mechanical properties of 2D-Cf/Al composites. <i>Materials Research Express</i> , 2019, 6, 076523.	1.6	2
13	Study on properties and microstructure of an Al-Cu-Mg-Fe-Ni alloy with two-stage aging treatment. <i>Materials Research Express</i> , 2019, 6, 126561.	1.6	2
14	Corrosion performance of 7075 alloy under laser heat treatment. <i>Materials Research Express</i> , 2018, 5, 056504.	1.6	1
15	Effect of carbon fibers crystallinity on the formation and growth of TiC coating in molten salt. <i>Journal of Reinforced Plastics and Composites</i> , 2023, 42, 213-221.	3.1	1