

# Yucheng Ji

## List of Publications by Year in descending order

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6  
papers

148  
citations

1478505

6  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

81  
citing authors

#	ARTICLE	IF	CITATIONS
1	Insight into the localized strain effect on micro-galvanic corrosion behavior in AA7075-T6 aluminum alloy. <i>Corrosion Science</i> , 2021, 180, 109174.	6.6	47
2	Design materials based on simulation results of silicon induced segregation at AlSi10Mg interface fabricated by selective laser melting. <i>Journal of Materials Science and Technology</i> , 2020, 46, 145-155.	10.7	33
3	Integrated computation of corrosion: Modelling, simulation and applications. <i>Corrosion Communications</i> , 2021, 2, 8-23.	6.0	22
4	Effect of grain size and its uniformity on corrosion resistance of rolled 316L stainless steel by EBSD and TEM. <i>Materials Today Communications</i> , 2020, 25, 101429.	1.9	20
5	High-throughput computing for screening the potential alloying elements of a 7xxx aluminum alloy for increasing the alloy resistance to stress corrosion cracking. <i>Corrosion Science</i> , 2021, 183, 109304.	6.6	17
6	Discontinuous model combined with an atomic mechanism simulates the precipitated $\theta'$ phase effect in intergranular cracking of 7-series aluminum alloys. <i>Computational Materials Science</i> , 2019, 166, 282-292.	3.0	9