

Shing-Hoa Wang

List of Publications by Year in descending order

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12
papers

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1478505

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86
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#	ARTICLE	IF	CITATIONS
1	Verification of the ability of Cu to dissolve in BCC γ in a γ - β Solid Solution above 1200 $^{\circ}$ C and boosting γ nano-hardness in Cu-containing PHSS. Scripta Materialia, 2022, 211, 114505.	5.2	5
2	Crystalline characteristics of a dual-phase precipitation hardening stainless steel in quenched solid solution and aging treatments. Materials Chemistry and Physics, 2022, 280, 125804.	4.0	6
3	Microstructural variation in fatigued interphase arrayed nano-precipitated Ti-microalloyed steel. Journal of Materials Research and Technology, 2021, 15, 2393-2404.	5.8	2
4	Comparison of dynamic-aging creep and pre-aged creep in Ti-15-3 beta titanium alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 798, 140135.	5.6	4
5	Large Delta T Thermal Cycling Induced Stress Accelerates Equilibrium and Transformation in Super DSS. Crystals, 2020, 10, 962.	2.2	3
6	Characteristics of Flakes Stacked Cr ₂ N with Many Domains in Super Duplex Stainless Steel. Crystals, 2020, 10, 965.	2.2	3
7	Microstrain and boundary misorientation evolution for recrystallized super DSS after deformation. Materials Chemistry and Physics, 2020, 246, 122815.	4.0	12
8	Thermal cycling induced stress-assisted sigma phase formation in super duplex stainless steel. Materials and Design, 2019, 182, 108003.	7.0	10
9	Size effect and strain induced double twin by nanoindentation in DSS weld metal of vibration-assisted GTAW. Materials Chemistry and Physics, 2018, 219, 40-50.	4.0	6
10	Effects of DLC coating on relaxing surface residual stress of the weld in titanium-bearing high-strength steel. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an, 2015, 38, 645-652.	1.1	0
11	Effects of dynamic impact on mechanical properties and microstructure of special stainless steel weldments. Materials Chemistry and Physics, 2008, 111, 172-179.	4.0	8
12	Gamma (β) phase transformation in pulsed GTAW weld metal of duplex stainless steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2006, 420, 26-33.	5.6	48