

# Shing-Hoa Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

107  
citations

1478505

6  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

86  
citing authors

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