Wilson Handoko

List of Publications by Year
in descending order

14	134	1478505 6	1199594 12
papers	citations	h-index	g-index

14	14	14	130
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of Waste-Integrated Multi-hybrid Structure for Enhancing Corrosion Resistance of High-Carbon Steel. Journal of Sustainable Metallurgy, 2021, 7, 166-177.	2.3	0
2	Comparison on corrosion performance of waste-based multi-hybrid structure high carbon steel and high Cr cast steel. SN Applied Sciences, 2020, 2, 1.	2.9	0
3	Utilization of Waste Materials for the Manufacturing of Better-Quality Wear and Corrosion-Resistant Steels. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2020, 51, 2404-2410.	2.2	3
4	Stress-Induced Phase Transformation and Its Correlation with Corrosion Properties of Dual-Phase High Carbon Steel. Journal of Manufacturing and Materials Processing, 2019, 3, 55.	2.2	6
5	Effect of austenitisation temperature on corrosion resistance properties of dual-phase high-carbon steel. Journal of Materials Science, 2019, 54, 13775-13786.	3.7	15
6	Enhancing Corrosion Resistance of High-Carbon Steel by Formation of Surface Layers Using Wastes as Input. Metals, 2019, 9, 902.	2.3	2
7	Effect of selective-precipitations process on the corrosion resistance and hardness of dual-phase high-carbon steel. Scientific Reports, 2019, 9, 15631.	3.3	6
8	From Waste to Multi-Hybrid Layering of High Carbon Steel to Improve Corrosion Resistance: An In-Depth Analysis Using EPMA and AFM Techniques. Surfaces, 2019, 2, 485-496.	2.3	2
9	From waste to surface modification of aluminum bronze using selective surface diffusion process. Scientific Reports, 2019, 9, 1559.	3.3	1
10	Enhancing Corrosion Resistance and Hardness Properties of Carbon Steel through Modification of Microstructure. Materials, 2018, 11, 2404.	2.9	27
11	The Effect of Low-Quantity Cr Addition on the Corrosion Behaviour of Dual-Phase High Carbon Steel. Metals, 2018, 8, 199.	2.3	14
12	Corrosion Behaviour of Dual-Phase High Carbon Steelâ€"Microstructure Influence. Journal of Manufacturing and Materials Processing, 2017, 1, 21.	2.2	10
13	Preliminary investigation on the thermal conversion of automotive shredder residue into value-added products: Graphitic carbon and nano-ceramics. Waste Management, 2016, 50, 173-183.	7.4	34
14	Transforming automotive waste into TiN and TiC ceramics. Materials Letters, 2016, 176, 17-20.	2.6	14