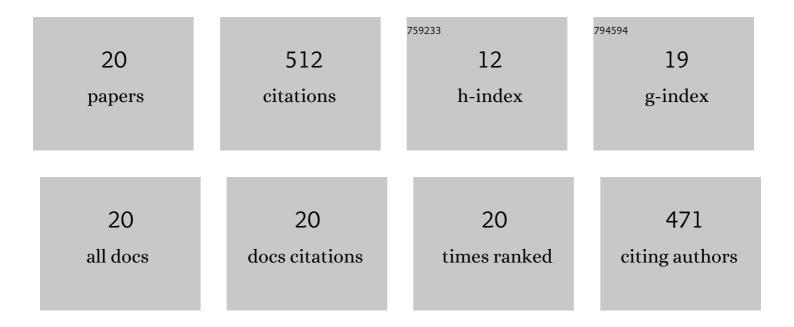
Wen Hao Kan

List of Publications by Year in descending order

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Μενι Ηλο Κλη

#	Article	IF	CITATIONS
1	Fatigue properties of AlSi10Mg produced by Additive Layer Manufacturing. International Journal of Fatigue, 2019, 119, 160-172.	5.7	86
2	A critical review on the effects of process-induced porosity on the mechanical properties of alloys fabricated by laser powder bed fusion. Journal of Materials Science, 2022, 57, 9818-9865.	3.7	60
3	Tribological behaviour of high performance polymers and polymer composites at elevated temperature. Tribology International, 2019, 130, 94-105.	5.9	57
4	Factors that affect the properties of additively-manufactured AlSi10Mg: Porosity versus microstructure. Additive Manufacturing, 2019, 29, 100805.	3.0	40
5	Room temperature stress-strain hysteresis in Ti2AlC revisited. Acta Materialia, 2016, 105, 294-305.	7.9	38
6	A study on novel AISI 304 stainless steel matrix composites reinforced with (Nb0.75,Ti0.25)C. Wear, 2018, 398-399, 220-226.	3.1	36
7	Fabrication and characterization of microstructure of stainless steel matrix composites containing up to 25vol% NbC. Materials Characterization, 2016, 119, 65-74.	4.4	35
8	Slurry erosion, sliding wear and corrosion behavior of martensitic stainless steel composites reinforced in-situ with NbC particles. Wear, 2019, 420-421, 149-162.	3.1	31
9	Microstructure characterisation and mechanical properties of a functionally-graded NbC/high chromium white cast iron composite. Materials Characterization, 2018, 136, 196-205.	4.4	29
10	Predicting the fatigue life of an AlSi10Mg alloy manufactured via laser powder bed fusion by using data from computed tomography. Additive Manufacturing, 2020, 32, 100899.	3.0	19
11	The mechanisms behind the tribological behaviour of polymer matrix composites reinforced with TiO2 nanoparticles. Wear, 2021, 474-475, 203754.	3.1	18
12	Precipitation of (Ti, Zr, Nb, Ta, Hf)C high entropy carbides in a steel matrix. Materialia, 2020, 9, 100540.	2.7	15
13	Fracture toughness testing using photogrammetry and digital image correlation. MethodsX, 2018, 5, 1166-1177.	1.6	13
14	Two-body wear test of enamel against laboratory polished and clinically adjusted zirconia. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 108, 103760.	3.1	9
15	Effect of T6 treatment on additively-manufactured AlSi10Mg sliding against ceramic and steel. Wear, 2021, 482-483, 203961.	3.1	8
16	The influence of porosity on Ti-6Al-4V parts fabricated by laser powder bed fusion in the pursuit of process efficiency. International Journal of Advanced Manufacturing Technology, 2022, 119, 5417-5438.	3.0	8
17	Improving metal-ceramic systems subjected to sliding contact by reinforcing the metallic counterpart with ceramic particles. Wear, 2020, 452-453, 203311.	3.1	4
18	The effect of NbC morphology on the slurry erosion performance of ferrous alloys. Wear, 2019, 434-435, 202988.	3.1	3

#	Article	IF	CITATIONS
19	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
20	Development of (Nb0.75,Ti0.25)C-Reinforced Cast Duplex Stainless Steel Composites. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2020, 51, 2366-2376.	2.2	0