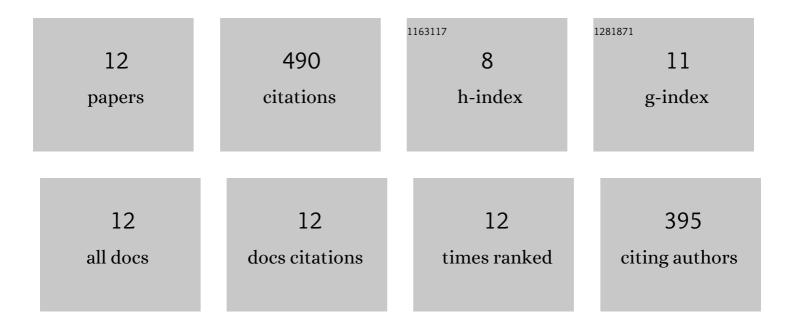
Yi-Du Zhang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Study on stress distribution of SiC/Al composites based on microstructure models with microns and nanoparticles. Nanotechnology Reviews, 2022, 11, 1854-1869.	5.8	2
2	Residual stress homogenization of SiCP/Al composites with thermal vibration coupling. International Journal of Advanced Manufacturing Technology, 2021, 112, 1691-1703.	3.0	6
3	A prediction model of the extrusion deformation with residual stress on 6063 aluminum alloy aeronautical plate considering different extrusion parameters. International Journal of Advanced Manufacturing Technology, 2020, 107, 1671-1681.	3.0	3
4	Mechanical properties of nanomaterials: A review. Nanotechnology Reviews, 2020, 9, 259-273.	5.8	255
5	Residual Stress Relief for 2219 Aluminum Alloy Weldments: A Comparative Study on Three Stress Relief Methods. Metals, 2019, 9, 419.	2.3	21
6	Analysis and homogenization of residual stress in aerospace ring rolling process of 2219 aluminum alloy using thermal stress relief method. International Journal of Mechanical Sciences, 2019, 157-158, 111-118.	6.7	39
7	Experimental Investigation on the Fatigue Life of Ti-6Al-4V Treated by Vibratory Stress Relief. Metals, 2017, 7, 158.	2.3	30
8	Simulations and Experiments on Vibration Control of Aerospace Thin-Walled Parts via Preload. Shock and Vibration, 2017, 2017, 1-7.	0.6	11
9	Detecting Milling Deformation in 7075 Aluminum Alloy Aeronautical Monolithic Components Using the Quasi-Symmetric Machining Method. Metals, 2016, 6, 80.	2.3	39
10	Microstructure and wear-resistant properties of NiCr–Cr3C2 coating with Ni45 transition layer produced by laser cladding. Rare Metals, 2015, 34, 491-497.	7.1	18
11	High voltage DC leakage detection for double-lined hazardous waste landfill based on finite element method. Journal of Shanghai University, 2007, 11, 585-590.	0.1	0
12	Study on the Machining Distortion of Thin-walled Part Caused by Redistribution of Residual Stress. Chinese Journal of Aeronautics, 2005, 18, 175-179.	5.3	66