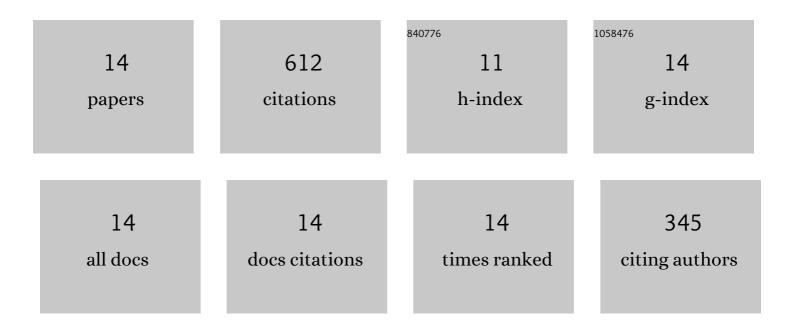
Chao Wei

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9297755/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Significant Reduction in Energy Consumption and Carbon Emission While Improving Productivity in Laser Drilling of CFRP Sheets with a Novel Stepped Process Parameter Parallel Ring Method. Journal of Manufacturing and Materials Processing, 2022, 6, 7.	2.2	8
2	Cu10Sn to Ti6Al4V bonding mechanisms in laser-based powder bed fusion multiple material additive manufacturing with different build strategies. Additive Manufacturing, 2022, 51, 102588.	3.0	8
3	Abnormal interfacial bonding mechanisms of multi-material additive-manufactured tungsten–stainless steel sandwich structure. International Journal of Extreme Manufacturing, 2022, 4, 025002.	12.7	9
4	Understanding of process and material behaviours in additive manufacturing of Invar36/Cu10Sn multiple material components via laser-based powder bed fusion. Additive Manufacturing, 2021, 37, 101683.	3.0	17
5	Recent progress and scientific challenges in multi-material additive manufacturing via laser-based powder bed fusion. Virtual and Physical Prototyping, 2021, 16, 347-371.	10.4	100
6	An overview of laser-based multiple metallic material additive manufacturing: from macro- to micro-scales. International Journal of Extreme Manufacturing, 2021, 3, 012003.	12.7	91
7	Additive manufacturing of hybrid metal/polymer objects via multiple-material laser powder bed fusion. Additive Manufacturing, 2020, 36, 101465.	3.0	22
8	Hybrid ultrasonic and mini-motor vibration-induced irregularly shaped powder delivery for multiple materials additive manufacturing. Additive Manufacturing, 2020, 33, 101138.	3.0	12
9	Additive manufacturing of three-dimensional metal-glass functionally gradient material components by laser powder bed fusion with in situ powder mixing. Additive Manufacturing, 2020, 33, 101113.	3.0	18
10	Ultrasonic material dispensing-based selective laser melting for 3D printing of metallic components and the effect of powder compression. Additive Manufacturing, 2019, 29, 100818.	3.0	12
11	Additive Manufacturing of Horizontal and 3D Functionally Graded 316L/Cu10Sn Components via Multiple Material Selective Laser Melting. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2019, 141, .	2.2	78
12	Easy-To-Remove Composite Support Material and Procedure in Additive Manufacturing of Metallic Components Using Multiple Material Laser-Based Powder Bed Fusion. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2019, 141, .	2.2	32
13	An Integrated Dual Ultrasonic Selective Powder Dispensing Platform for Three-Dimensional Printing of Multiple Material Metal/Glass Objects in Selective Laser Melting. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2019, 141, .	2.2	38
14	3D printing of multiple metallic materials via modified selective laser melting. CIRP Annals - Manufacturing Technology, 2018, 67, 245-248.	3.6	167