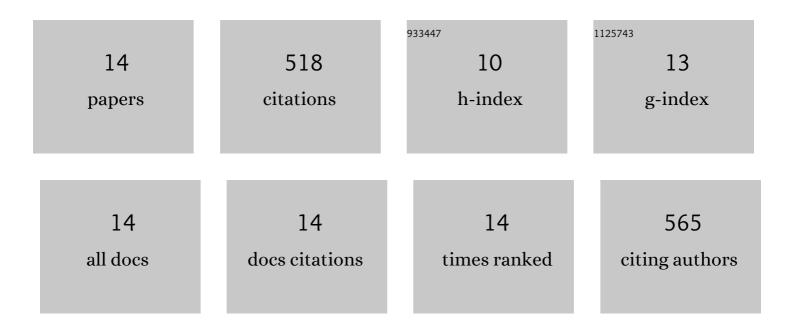
Naresh Nadammal

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/12095988/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Effect of hatch length on the development of microstructure, texture and residual stresses in selective laser melted superalloy Inconel 718. Materials and Design, 2017, 134, 139-150.	7.0	202
2	Critical role of scan strategies on the development of microstructure, texture, and residual stresses during laser powder bed fusion additive manufacturing. Additive Manufacturing, 2021, 38, 101792.	3.0	55
3	A bottom-up approach for optimization of friction stir processing parameters; a study on aluminium 2024-T3 alloy. Materials & Design, 2015, 65, 127-138.	5.1	44
4	Development of microstructure and texture during single and multiple pass friction stir processing of a strain hardenable aluminium alloy. Materials Characterization, 2018, 140, 134-146.	4.4	43
5	Microstructure and Crystallographic Texture Evolution During the Friction-Stir Processing of a Precipitation-Hardenable Aluminum Alloy. Jom, 2015, 67, 1014-1021.	1.9	34
6	Influence of Support Configurations on the Characteristics of Selective Laser-Melted Inconel 718. Jom, 2018, 70, 343-348.	1.9	26
7	Microstructure and Texture Evolution during Single- and Multiple-Pass Friction Stir Processing of Heat-Treatable Aluminum Alloy 2024. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 4247-4261.	2.2	24
8	Evolution of microhardness and microstructure in a cast Al–7Â% Si alloy during high-pressure torsion. Journal of Materials Science, 2013, 48, 4671-4680.	3.7	23
9	Restoration Mechanisms During the Friction Stir Processing of Aluminum Alloys. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2015, 46, 2823-2828.	2.2	23
10	Residual Stress in Selective Laser Melted Inconel 718: Influence of the Removal from Base Plate and Deposition Hatch Length. Materials Performance and Characterization, 2018, 7, 717-735.	0.3	21
11	Laser Powder Bed Fusion Additive Manufacturing of a Low-Modulus Ti–35Nb–7Zr–5Ta Alloy for Orthopedic Applications. ACS Omega, 2022, 7, 8506-8517.	3.5	11
12	Zinc and cerium synergistically enhance the mechanical properties, corrosion resistance, and osteogenic activity of magnesium as resorbable biomaterials. Biomedical Materials (Bristol), 2021, 16, 044109.	3.3	8
13	An Integrative Experimental Approach to Design Optimization and Removal Strategies of Supporting Structures Used during L-PBF of SS316L Aortic Stents. Applied Sciences (Switzerland), 2021, 11, 9176.	2.5	4
14	Effect of Axial Load-Dependent Deformation Rate on the Grain Size Distribution and Mechanical Properties of Friction Stir Processed Copper. Materials Performance and Characterization, 2021, 10, 268-278.	0.3	0