# Naresh Nadammal

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/12095988/publications.pdf

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| 14 | 518 | 933447 | 1125743 |
|---|---|---|---|
| papers | citations | 10 | 13 |
| | | h-index | g-index |

| 14 | 14 | 14 | 565 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Laser Powder Bed Fusion Additive Manufacturing of a Low-Modulus Tiâ€“35Nbâ€“7Zrâ€“5Ta Alloy for Orthopedic Applications. ACS Omega, 2022, 7, 8506-8517. | 3.5 | 11 |
| 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 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Influence of Support Configurations on the Characteristics of Selective Laser-Melted Inconel 718. Jom, 2018, 70, 343-348. | 1.9 | 26 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | Microstructure and Crystallographic Texture Evolution During the Friction-Stir Processing of a Precipitation-Hardenable Aluminum Alloy. Jom, 2015, 67, 1014-1021. | 1.9 | 34 |
| 13 | 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 |
| 14 | Evolution of microhardness and microstructure in a cast Alâ€“7Â% Si alloy during high-pressure torsion. Journal of Materials Science, 2013, 48, 4671-4680. | 3.7 | 23 |