

David Svetlizky

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

540
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

144
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|---|------|-----------|
| 1 | Directed energy deposition (DED) additive manufacturing: Physical characteristics, defects, challenges and applications. <i>Materials Today</i> , 2021, 49, 271-295. | 14.2 | 351 |
| 2 | Laser-based directed energy deposition (DED-LB) of advanced materials. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 840, 142967. | 5.6 | 82 |
| 3 | Directed energy deposition of Al 5xxx alloy using Laser Engineered Net Shaping (LENS®). <i>Materials and Design</i> , 2020, 192, 108763. | 7.0 | 52 |
| 4 | The influence of laser directed energy deposition (DED) processing parameters for Al5083 studied by central composite design. <i>Journal of Materials Research and Technology</i> , 2022, 17, 3157-3171. | 5.8 | 21 |
| 5 | Measurement of the Anisotropic Dynamic Elastic Constants of Additive Manufactured and Wrought Ti6Al4V Alloys. <i>Materials</i> , 2022, 15, 638. | 2.9 | 19 |
| 6 | Mechanical properties of Bio-Ferroglyphy isolated cancerous cells studied by atomic force microscopy. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 91, 345-354. | 3.1 | 7 |
| 7 | Electrochemical Processing and Thermal Properties of Functional Core/Multi-Shell ZnAl/Ni/NiP Microparticles. <i>Materials</i> , 2021, 14, 834. | 2.9 | 5 |
| 8 | Sol-Gel Encapsulation of ZnAl Alloy Powder with Alumina Shell. <i>Coatings</i> , 2021, 11, 1389. | 2.6 | 3 |