

Nicolas Soro

List of Publications by Year in descending order

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8
papers

439
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

526
citing authors

#	ARTICLE	IF	CITATIONS
1	Additive manufacturing of low-cost porous titanium-based composites for biomedical applications: Advantages, challenges and opinion for future development. <i>Journal of Alloys and Compounds</i> , 2020, 827, 154263.	5.5	124
2	Investigation of the structure and mechanical properties of additively manufactured Ti-6Al-4V biomedical scaffolds designed with a Schwartz primitive unit-cell. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 745, 195-202.	5.6	101
3	Evaluation of the mechanical compatibility of additively manufactured porous Ti-25Ta alloy for load-bearing implant applications. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2019, 97, 149-158.	3.1	93
4	Finite element analysis of porous commercially pure titanium for biomedical implant application. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 725, 43-50.	5.6	41
5	Surface and morphological modification of selectively laser melted titanium lattices using a chemical post treatment. <i>Surface and Coatings Technology</i> , 2020, 393, 125794.	4.8	36
6	Additive manufacturing of biomimetic Titanium-Tantalum lattices for biomedical implant applications. <i>Materials and Design</i> , 2022, 218, 110688.	7.0	25
7	Quasi-static and fatigue properties of graded Ti-6Al-4V lattices produced by Laser Powder Bed Fusion (LPBF). <i>Additive Manufacturing</i> , 2021, 37, 101653.	3.0	15
8	TiB reinforced lattice structures produced by laser powder bed fusion with high elastic admissible strain. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2022, 845, 143249.	5.6	4