

Szymon Bajda

List of Publications by Year in descending order

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Version: 2024-02-01

7
papers

95
citations

1937685

4
h-index

1872680

6
g-index

7
all docs

7
docs citations

7
times ranked

104
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser cladding of bioactive glass coating on pure titanium substrate with highly refined grain structure. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 119, 104519.	3.1	15
2	Numerical modelling of grain refinement around highly reactive interfaces in processing of nanocrystallised multilayered metallic materials by duplex technique. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 96, 2893-2905.	3.0	4
3	Characterization of nanocrystallised multilayered metallic materials produced by the SMAT followed by constrained compression. <i>Materials Characterization</i> , 2018, 145, 250-257.	4.4	6
4	Inhomogeneity of plastic deformation in austenitic stainless steel after surface mechanical attrition treatment. <i>Surface and Coatings Technology</i> , 2017, 329, 202-211.	4.8	8
5	3D analysis of thermal and stress evolution during laser cladding of bioactive glass coatings. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 59, 404-417.	3.1	53
6	Numerical analysis of highly reactive interfaces in processing of nanocrystallised multilayered metallic materials by using duplex technique. <i>Surface and Coatings Technology</i> , 2015, 277, 170-180.	4.8	5
7	Research on the Influence of the Load Direction and the Cross-Section Shape on the Young's Modulus of Elements Produced by the Fused Deposition Modeling Method. <i>Journal of Materials Engineering and Performance</i> , 0, , 1.	2.5	4