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List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

137
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

138
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined surface hardening and laser patterning approach for functionalising stainless steel surfaces. <i>Applied Surface Science</i> , 2018, 439, 516-524.	6.1	49
2	Durability and Wear Resistance of Laser-Textured Hardened Stainless Steel Surfaces with Hydrophobic Properties. <i>Langmuir</i> , 2019, 35, 5353-5363.	3.5	30
3	Development of surfaces with antibacterial durability through combined S phase plasma hardening and athermal femtosecond laser texturing. <i>Applied Surface Science</i> , 2021, 565, 150594.	6.1	14
4	Improving the Tribological Properties and Biocompatibility of Zr-Based Bulk Metallic Glass for Potential Biomedical Applications. <i>Materials</i> , 2020, 13, 1960.	2.9	13
5	A study on the effect of ultrashort pulsed laser texturing on the microstructure and properties of metastable S phase layer formed on AISI 316L surfaces. <i>Applied Surface Science</i> , 2020, 511, 145557.	6.1	11
6	Active-screen plasma surface multi-functionalisation of biopolymers and carbon-based materials – An overview. <i>Surface and Coatings Technology</i> , 2022, 442, 128188.	4.8	10
7	Effects of mould wear on hydrophobic polymer surfaces replicated using plasma-treated and laser-textured stainless steel inserts. <i>Tribology - Materials, Surfaces and Interfaces</i> , 2020, 14, 240-252.	1.4	5
8	Effect of $\frac{1}{4}$ Plasma Modification on the Wettability and the Ageing Behaviour of Glass Fibre Reinforced Polyamide 6 (GFPA6). <i>Materials</i> , 2021, 14, 7721.	2.9	5