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List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

319
citations

840776

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h-index

1199594

12
g-index

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all docs

13
docs citations

13
times ranked

375
citing authors

#	ARTICLE	IF	CITATIONS
1	Femtosecond laser treatment of 316L improves its surface nanoroughness and carbon content and promotes osseointegration: An in vitro evaluation. Colloids and Surfaces B: Biointerfaces, 2013, 108, 305-312.	5.0	48
2	Compositional and micro-scratch analyses of laser induced colored surface of titanium. Optics and Lasers in Engineering, 2016, 84, 37-43.	3.8	43
3	Pulsed Nd:YAG laser shock processing effects on mechanical properties of 6061-T6 alloy. Optics and Laser Technology, 2014, 56, 273-277.	4.6	32
4	Laser surface treatment of CFRP composites for a better adhesive bonding owing to the mechanical interlocking mechanism. Polymer Composites, 2019, 40, 3611-3622.	4.6	31
5	Investigation of the differences between photochemical and photothermal laser ablation on the shear strength of CFRP/CFRP adhesive joints. International Journal of Adhesion and Adhesives, 2020, 98, 102548.	2.9	29
6	Near surface modification of aluminum alloy induced by laser shock processing. Optics and Laser Technology, 2014, 64, 235-241.	4.6	24
7	Reduced myofibroblast differentiation on femtosecond laser treated 316LS stainless steel. Materials Science and Engineering C, 2013, 33, 901-908.	7.3	23
8	Investigation of accumulated laser fluence and bondline thickness effects on adhesive joint performance of CFRP composites. International Journal of Adhesion and Adhesives, 2019, 89, 109-116.	2.9	20
9	Laser-induced groove optimization for Al/CFRP adhesive joint strength. International Journal of Adhesion and Adhesives, 2021, 107, 102830.	2.9	20
10	Comparison of novel surface treatments of Al 2024 alloy for al/cfrp adhesive bonded joints. International Journal of Adhesion and Adhesives, 2020, 103, 102721.	2.9	18
11	The Effect of CO ₂ Laser-Induced Microhole Formations on Adhesive Bonding Strength of CFRP/CFRP Joints. Polymer Composites, 2019, 40, 2891-2900.	4.6	14
12	Al ₂ O ₃ micro- and nanostructures affect vascular cell response. RSC Advances, 2016, 6, 17460-17469.	3.6	11
13	Theoretical and experimental investigation of soft x-rays emitted from TIN plasmas for lithographic application. , 2007, 6703, 71.		6