

Claire Maurice

List of Publications by Year in descending order

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papers

218
citations

1307594

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1372567

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11
all docs

11
docs citations

11
times ranked

239
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Arranged Periodic Nanovoids by Ultrafast Laser-Induced Near-Field Enhancement. ACS Photonics, 2018, 5, 1418-1426.	6.6	45
2	Influence of crystal orientation on the formation of femtosecond laser-induced periodic surface structures and lattice defects accumulation. Applied Physics Letters, 2014, 104, .	3.3	44
3	Spallation-induced roughness promoting high spatial frequency nanostructure formation on Cr. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	37
4	On the Accuracy of Elastic Strain Field Measurements by Laue Microdiffraction and High-Resolution EBSD: a Cross-Validation Experiment. Experimental Mechanics, 2016, 56, 483-492.	2.0	31
5	Self-Organization Regimes Induced by Ultrafast Laser on Surfaces in the Tens of Nanometer Scales. Nanomaterials, 2021, 11, 1020.	4.1	21
6	Boosted Spontaneous Formation of High-Aspect Ratio Nanopeaks on Ultrafast Laser-Irradiated Ni Surface. Advanced Science, 2022, 9, .	11.2	11
7	Energy feedthrough and microstructure evolution during direct laser peening of aluminum in femtosecond and picosecond regimes. Journal of Applied Physics, 2021, 130, .	2.5	10
8	Direct measurement of local constitutive relations, at the micrometre scale, in bulk metallic alloys. Journal of Applied Crystallography, 2017, 50, 940-948.	4.5	7
9	An Attempt to Assess Recovery/Recrystallization Kinetics in Tungsten at High Temperature Using Statistical Nanoindentation Analysis. Crystals, 2021, 11, 37.	2.2	7
10	Validity of Crystal Plasticity Models Near Grain Boundaries: Contribution of Elastic Strain Measurements at Micron Scale. Jom, 2019, 71, 3543-3551.	1.9	5