

Claire Maurice

List of Publications by Year in descending order

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papers

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1307594

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1372567

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times ranked

239
citing authors

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