

Mikel Gomez-Aranzadi

List of Publications by Year in descending order

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18
papers

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1040056

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19
all docs

19
docs citations

19
times ranked

629
citing authors

#	ARTICLE	IF	CITATIONS
1	LIPSS manufacturing with regularity control through laser wavefront curvature. Surfaces and Interfaces, 2021, 25, 101205.	3.0	7
2	Femtosecond laser fabrication of LIPSS-based waveplates on metallic surfaces. Applied Surface Science, 2020, 520, 146328.	6.1	28
3	Biomimetic hierarchical micro/nano texturing of TiAlV alloys by femtosecond laser processing for the control of cell adhesion and migration. Physical Review Materials, 2020, 4, .	2.4	15
4	Femtosecond laser fabrication of monolithic double volume phase-gratings in glass. Optics Express, 2020, 28, 29054.	3.4	2
5	Fabrication of Tuned Lipss-Based Metallic Polarization Gratings. , 2019, , .		0
6	Femtosecond laser fabrication of volume-phase gratings in CdS _x Se _{1-x} -doped borosilicate glass at a low repetition rate. Applied Optics, 2019, 58, 4220.	1.8	6
7	Tailoring diamond's optical properties via direct femtosecond laser nanostructuring. Scientific Reports, 2018, 8, 14262.	3.3	33
8	Temperature simulation at ZnO surface processed by laser interference lithography. Proceedings of SPIE, 2017, , .	0.8	0
9	Photonic structures in diamond based on femtosecond UV laser induced periodic surface structuring (LIPSS). Optics Express, 2017, 25, 15330.	3.4	42
10	Enhancement of surface area and wettability properties of boron doped diamond by femtosecond laser-induced periodic surface structuring. Optical Materials Express, 2017, 7, 3389.	3.0	17
11	Surface micro- and nano-texturing of stainless steel by femtosecond laser for the control of cell migration. Scientific Reports, 2016, 6, 36296.	3.3	94
12	Femtosecond laser fabrication of highly hydrophobic stainless steel surface with hierarchical structures fabricated by combining ordered microstructures and LIPSS. Applied Surface Science, 2016, 374, 81-89.	6.1	148
13	Ultrafast laser inscription of volume phase gratings with low refractive index modulation and self-images of high visibility. Optics Express, 2015, 23, 26683.	3.4	8
14	Femtosecond laser-induced periodic surface nanostructuring of sputtered platinum thin films. Applied Surface Science, 2015, 351, 135-139.	6.1	28
15	Integrated Microstructures to Improve Surface-Sample Interaction in Planar Biosensors. IEEE Sensors Journal, 2015, 15, 1216-1223.	4.7	8
16	Design cycle and embedded systems platform applied to Industrial Electronics for an MSc program in Industrial Engineering. , 2014, , .		0
17	Formation of laser-induced periodic surface structures on niobium by femtosecond laser irradiation. Journal of Applied Physics, 2014, 115, .	2.5	30
18	Microchannel Modification to Enhance the Sensitivity in Biosensors. IFMBE Proceedings, 2014, , 852-855.	0.3	0