

Alejandro Calabuig

List of Publications by Year in descending order

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18
papers

305
citations

933447

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1125743

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18
all docs

18
docs citations

18
times ranked

395
citing authors

#	ARTICLE	IF	CITATIONS
1	Reversible Holographic Patterns on Azopolymers for Guiding Cell Adhesion and Orientation. ACS Applied Materials & Interfaces, 2015, 7, 16984-16991.	8.0	79
2	Investigating fibroblast cells under "safe" and "injurious" blue light exposure by holographic microscopy. Journal of Biophotonics, 2017, 10, 919-927.	2.3	40
3	Single-exposure super-resolved interferometric microscopy by red "green" blue multiplexing. Optics Letters, 2011, 36, 885.	3.3	37
4	Common-path configuration in total internal reflection digital holography microscopy. Optics Letters, 2014, 39, 2471.	3.3	32
5	Light-responsive polymer brushes: active topographic cues for cell culture applications. Polymer Chemistry, 2017, 8, 3271-3278.	3.9	29
6	In vitro cytotoxicity evaluation of cadmium by label-free holographic microscopy. Journal of Biophotonics, 2018, 11, e201800099.	2.3	23
7	Generation of programmable 3D optical vortex structures through devil's vortex-lens arrays. Applied Optics, 2013, 52, 5822.	1.8	19
8	Femtosecond digital lensless holographic microscopy to image biological samples. Optics Letters, 2013, 38, 3205.	3.3	17
9	Resolution improvement by single-exposure superresolved interferometric microscopy with a monochrome sensor. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2011, 28, 2346.	1.5	14
10	Direct quantitative imaging of the writing stage in a photosensitive azopolymer by digital holography. Soft Matter, 2019, 15, 7809-7813.	2.7	10
11	Oblique illumination lateral shearing digital holographic microscopy. Journal of Optics (United Kingdom), 2012, 15, 121101.	0.784314	2
12	Comparison of Methods for Estimating Retinal Shape: Peripheral Refraction vs. Optical Coherence Tomography. Journal of Clinical Medicine, 2021, 10, 174.	2.4	2
13	Monitoring cell morphology during necrosis and apoptosis by quantitative phase imaging. Proceedings of SPIE, 2015, , .	0.8	1
14	Superresolution in digital holographic microscopy. , 2011, , .		0
15	Devil's vortex-lens arrays generating 3D optical vortex structures. Proceedings of SPIE, 2013, , .	0.8	0
16	Imaging and characterization of surface relief gratings on azopolymer by digital holographic microscopy. , 2015, , .		0
17	Label-free holographic microscopy for in vitro cadmium cytotoxicity testing. , 2019, , .		0
18	Remote eye care method for compensation of defocus aberration in an unbalanced peripheral refraction aberrometer. , 0, , .		0