

# Alejandro Calabuig

## List of Publications by Year in descending order

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18  
papers

305  
citations

933447

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h-index

1125743

13  
g-index

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18  
docs citations

18  
times ranked

395  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Methods for Estimating Retinal Shape: Peripheral Refraction vs. Optical Coherence Tomography. Journal of Clinical Medicine, 2021, 10, 174.	2.4	2
2	Oblique illumination lateral shearing digital holographic microscopy. Journal of Optics (United Kingdom), 2019, 16, 118001.	2.2	2
3	Direct quantitative imaging of the writing stage in a photosensitive azopolymer by digital holography. Soft Matter, 2019, 15, 7809-7813.	2.7	10
4	Label-free holographic microscopy for in vitro cadmium cytotoxicity testing. , 2019, , .		0
5	In vitro cytotoxicity evaluation of cadmium by label-free holographic microscopy. Journal of Biophotonics, 2018, 11, e201800099.	2.3	23
6	Investigating fibroblast cells under "safe" and "injurious" blue-light exposure by holographic microscopy. Journal of Biophotonics, 2017, 10, 919-927.	2.3	40
7	Light-responsive polymer brushes: active topographic cues for cell culture applications. Polymer Chemistry, 2017, 8, 3271-3278.	3.9	29
8	Reversible Holographic Patterns on Azopolymers for Guiding Cell Adhesion and Orientation. ACS Applied Materials & Interfaces, 2015, 7, 16984-16991.	8.0	79
9	Monitoring cell morphology during necrosis and apoptosis by quantitative phase imaging. Proceedings of SPIE, 2015, , .	0.8	1
10	Imaging and characterization of surface relief gratings on azopolymer by digital holographic microscopy. , 2015, , .		0
11	Common-path configuration in total internal reflection digital holography microscopy. Optics Letters, 2014, 39, 2471.	3.3	32
12	Devil's vortex-lens arrays generating 3D optical vortex structures. Proceedings of SPIE, 2013, , .	0.8	0
13	Generation of programmable 3D optical vortex structures through devil's vortex-lens arrays. Applied Optics, 2013, 52, 5822.	1.8	19
14	Femtosecond digital lensless holographic microscopy to image biological samples. Optics Letters, 2013, 38, 3205.	3.3	17
15	Superresolution in digital holographic microscopy. , 2011, , .		0
16	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
17	Single-exposure super-resolved interferometric microscopy by red-green-blue multiplexing. Optics Letters, 2011, 36, 885.	3.3	37
18	Remote eye care method for compensation of defocus aberration in an unbalanced peripheral refraction aberrometer. , 0, , .		0