

Alberto Bilenca

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

256
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

305
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent progress and current opinions in Brillouin microscopy for life science applications. Biophysical Reviews, 2020, 12, 615-624.	3.2	84
2	High-sensitivity and high-specificity biomechanical imaging by stimulated Brillouin scattering microscopy. Nature Methods, 2020, 17, 913-916.	19.0	64
3	Background-free Brillouin spectroscopy in scattering media at 780 nm via stimulated Brillouin scattering. Optics Letters, 2016, 41, 926.	3.3	41
4	High-speed stimulated Brillouin scattering spectroscopy at 780 nm. APL Photonics, 2016, 1, .	5.7	26
5	Static laser speckle contrast analysis for noninvasive burn diagnosis using a camera-phone imager. Journal of Biomedical Optics, 2015, 20, 086009.	2.6	14
6	Laser speckle spatiotemporal variance analysis for noninvasive widefield measurements of blood pulsation and pulse rate on a camera-phone. Journal of Biophotonics, 2015, 8, 902-907.	2.3	12
7	In vivo noninvasive visualization of retinal perfusion dysfunction in murine cerebral malaria by camera-phone laser speckle imaging. Journal of Biophotonics, 2019, 12, e201800098.	2.3	8
8	High-speed Continuous-wave Stimulated Brillouin Scattering Spectrometer for Material Analysis. Journal of Visualized Experiments, 2017, , .	0.3	2
9	Quantitative reflection phase mesoscopy by remote coherence tuning of phase-shift interference patterns. Scientific Reports, 2015, 5, 12560.	3.3	1
10	Direct Observation of the Spectral Shift and Broadening in Brillouin Microscopy. , 2019, , .		1