

Olivier Hugon

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

267
citations

1040056

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940533

16
g-index

22
all docs

22
docs citations

22
times ranked

183
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction performance of reservoir computing systems based on a diode-pumped erbium-doped microchip laser subject to optical feedback. <i>Optics Letters</i> , 2017, 42, 375.	3.3	46
2	Comparative study of autodyne and heterodyne laser interferometry for imaging. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2010, 27, 2450.	1.5	30
3	Phase sensitive optical near-field mapping using frequency-shifted laser optical feedback interferometry. <i>Optics Express</i> , 2008, 16, 11718.	3.4	27
4	Demonstration of a plenoptic microscope based on laser optical feedback imaging. <i>Optics Express</i> , 2013, 21, 7294.	3.4	22
5	Large linewidth-enhancement factor in a microchip laser. <i>Physical Review A</i> , 2004, 70, .	2.5	19
6	Nonlinear modification of the laser noise power spectrum induced by frequency-shifted optical feedback. <i>Physical Review A</i> , 2016, 94, .	2.5	18
7	Synthetic aperture laser optical feedback imaging using galvanometric scanning. <i>Optics Letters</i> , 2006, 31, 3031.	3.3	16
8	Experimental comparison of autodyne and heterodyne laser interferometry using an Nd:YVO ₄ microchip laser. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2011, 28, 1741.	1.5	15
9	Ultrasound vibration measurements based on laser optical feedback imaging. <i>Applied Optics</i> , 2018, 57, 7634.	1.8	11
10	Laser optical feedback imaging insensitive to parasitic optical feedback. <i>Applied Optics</i> , 2007, 46, 6779.	2.1	9
11	Synthetic aperture laser optical feedback imaging using a translational scanning with galvanometric mirrors. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2012, 29, 1639.	1.5	9
12	Two-dimensional synthetic aperture laser optical feedback imaging using galvanometric scanning. <i>Applied Optics</i> , 2008, 47, 860.	2.1	8
13	Multi-wavelength photo-acoustic microscopy in the frequency domain for simultaneous excitation and detection of dyes. <i>Biomedical Optics Express</i> , 2019, 10, 932.	2.9	8
14	Sensitivity of synthetic aperture laser optical feedback imaging. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2012, 29, 476.	1.5	6
15	Nonlinear laser dynamics induced by frequency shifted optical feedback: application to vibration measurements. <i>Applied Optics</i> , 2016, 55, 9638.	2.1	6
16	Photo-acoustic tomography based on laser optical feedback imaging of surface displacements. <i>Applied Optics</i> , 2019, 58, 7195.	1.8	6
17	Vascular bifurcation mapping with photoacoustic microscopy. <i>Biomedical Optics Express</i> , 2020, 11, 1298.	2.9	3
18	Resolution of a synthetic aperture laser optical feedback imaging using a galvanometric scanning. <i>Applied Optics</i> , 2008, 47, 4025.	2.1	2

#	ARTICLE	IF	CITATIONS
19	Limitations of synthetic aperture laser optical feedback imaging. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2012, 29, 2247.	1.5	2
20	Optimization of an autodyne laser interferometer for high-speed confocal imaging. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2013, 30, 60.	1.5	2
21	Control of the differential interference contrast in reinjected bimode laser. Applied Optics, 2015, 54, 9763.	2.1	2
22	Laser optical feedback imaging controlled by an electronic feedback loop. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2013, 30, 2205.	1.5	0