

Juan Martínez-Carranza

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

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citations

1684188

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1281871

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docs citations

18
times ranked

91
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast and accurate phase-unwrapping algorithm based on the transport of intensity equation. Applied Optics, 2017, 56, 7079.	1.8	65
2	Single-shot digital multiplexed holography for the measurement of deep shapes. Optics Express, 2021, 29, 21965.	3.4	10
3	Fourier horizontal parallax only computer and digital holography of large size. Optics Express, 2021, 29, 18173.	3.4	8
4	Occlusion Culling for Wide-Angle Computer-Generated Holograms Using Phase Added Stereogram Technique. Photonics, 2021, 8, 298.	2.0	8
5	Multi-incidence digital holographic profilometry with high axial resolution and enlarged measurement range. Optics Express, 2020, 28, 8185.	3.4	8
6	Accurate reconstruction of horizontal parallax-only holograms by angular spectrum and efficient zero-padding. Applied Optics, 2020, 59, 8450.	1.8	5
7	Multi-Incidence Holographic Profilometry for Large Gradient Surfaces with Sub-Micron Focusing Accuracy. Sensors, 2022, 22, 214.	3.8	5
8	Wide angle holographic video projection display. Optics Letters, 2021, 46, 4956.	3.3	4
9	Fast 3D Content Update for Wide-Angle Holographic Near-Eye Display. Applied Sciences (Switzerland), 2022, 12, 293.	2.5	4
10	Object Detection in Aerial Navigation using Wavelet Transform and Convolutional Neural Networks: A first Approach. Proceedings of the Institute for System Programming of RAS, 2021, 33, 149-162.	0.1	2
11	Digital holographic profilometry with fast data acquisition. , 2020, , .		1
12	Solution to the Boundary problem for Fourier and Multigrid transport equation of intensity based solvers. Photonics Letters of Poland, 2015, 7, .	0.4	1
13	Numerical reconstruction of large HPO Fourier holograms. , 2020, , .		1
14	Optical methods for measurements of surface shape in optical components for high power laser beam forming. Proceedings of SPIE, 2016, , .	0.8	0
15	Fast and accurate phase-unwrapping algorithm based on the transport of intensity equation: reply. Applied Optics, 2021, 60, 7502.	1.8	0
16	Height reconstruction algorithm for multi-incidence digital holography. , 2018, , .		0
17	Surface profilometry by employing synthetic partially spatially coherent holograms. , 2019, , .		0
18	Fast algorithm for occlusion culling by using the phase added stereogram. , 2021, , .		0