

Juan Martínez-Carranza

List of Publications by Year in descending order

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