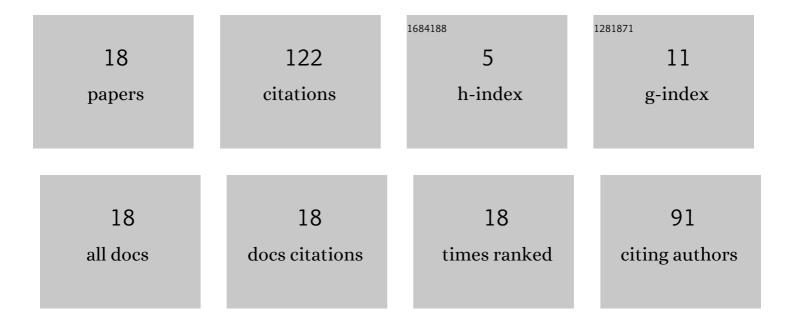
## Juan MartÃ-nez-Carranza

List of Publications by Year in descending order

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| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Multi-Incidence Holographic Profilometry for Large Gradient Surfaces with Sub-Micron Focusing Accuracy. Sensors, 2022, 22, 214.  | 3.8 | 5         |
| 2  | Fast 3D Content Update for Wide-Angle Holographic Near-Eye Display. Applied Sciences (Switzerland),<br>2022, 12, 293.  | 2.5 | 4         |
| 3  | Object Detection in Aerial Navigation using Wavelet Transform and Convolutional Neural Networks:<br>A first Approach. Proceedings of the Institute for System Programming of RAS, 2021, 33, 149-162. | 0.1 | 2         |
| 4  | Fourier horizontal parallax only computer and digital holography of large size. Optics Express, 2021, 29, 18173.   | 3.4 | 8         |
| 5  | Single-shot digital multiplexed holography for the measurement of deep shapes. Optics Express, 2021, 29, 21965.  | 3.4 | 10        |
| 6  | Occlusion Culling for Wide-Angle Computer-Generated Holograms Using Phase Added Stereogram<br>Technique. Photonics, 2021, 8, 298.  | 2.0 | 8         |
| 7  | Fast and accurate phase-unwrapping algorithm based on the transport of intensity equation: reply.<br>Applied Optics, 2021, 60, 7502.   | 1.8 | 0         |
| 8  | Wide angle holographic video projection display. Optics Letters, 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. Applied Optics, 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. Optics Express, 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. Applied Optics, 2017, 56, 7079.   | 1.8 | 65        |
| 17 | Optical methods for measurements of surface shape in optical components for high power laser beam forming. Proceedings of SPIE, 2016, , .  | 0.8 | 0         |
| 18 | Solution to the Boundary problem for Fourier and Multigrid transport equation of intensity based solvers. Photonics Letters of Poland, 2015, 7, .  | 0.4 | 1         |