Jorge Ojeda-Castaneda

List of Publications by Year in Descending Order

58 papers	726 citations	15 h-index	25 g-index
65 ext. papers	819 ext. citations	1.8 avg, IF	3.9 L-index

#	Paper	IF	Citations
58	Noncoherent binary phase coding: Sequential dual channels. *Optics Communications*, **2022**, 508, 127707	2	
57	Extended axial irradiances: Barker rings. *Optics Express*, **2021**, 29, 39709-39717	3.3	
56	Scalar Diffraction: Differential Operators, Matrices, and Eigen Functions. *Springer Series in Optical Sciences*, **2021**, 19-38	0.5	
55	Groundwork: Modeling Tools for Image Formation. *Springer Series in Optical Sciences*, **2021**, 1-18	0.5	
54	Eclectic Blueprints: Phase-Space Representations. *Springer Series in Optical Sciences*, **2021**, 135-153	0.5	
53	Optical Linear Systems Under Noncoherent Illumination. *Springer Series in Optical Sciences*, **2021**, 79-106	0.5	
52	Tunable telephoto: governable Fourier spectrum anamorphic scaling. *OSA Continuum*, **2021**, 4, 815	1.4	1
51	Spectacles with tunable anamorphic ratio. *Journal of Optics (India)*, **2021**, 50, 453-458	1.3	
50	High light-throughput noncoherent channels. *Optics Communications*, **2021**, 498, 127228	2	1
49	Figures of Merit: Tolerances and Aberration Balancing. *Springer Series in Optical Sciences*, **2021**, 107-134	0.5	
48	Optical Linear Systems Under Coherent Illumination. *Springer Series in Optical Sciences*, **2021**, 39-63	0.5	
47	Helical phase masks for controlling optical vortices: Necessary and sufficient conditions. *Optics Communications*, **2020**, 470, 126047	2	2
46	Hopkins procedure for tunable magnification: surgical spectacles. *Applied Optics*, **2020**, 59, D59-D63	1.7	5
45	Two-conjugate zoom system: the zero-throw advantage. *Applied Optics*, **2020**, 59, 7099-7102	1.7	4
44	Schlieren masks: square root monomials, sigmoidal functions, and off-axis Gaussians. *Applied Optics*, **2020**, 59, 3589-3594	1.7	
43	Reducing field depth: annular Hadamard masks. *Applied Optics*, **2020**, 59, 6632-6637	1.7	2
42	Tunable focalizers: phase conjugate pairs **2019**,		3

41	Lau visibility sensor. *Optics Communications*, **2019**, 453, 124320	2	2
40	Tunable field depth: hyperbolic optical masks **2017**, 56, A104		7
39	Pseudo-random masks for angular alignment. *Applied Optics*, **2017**, 56, 7869-7876	1.7	2
38	Comments on Optimized non-integer order phase mask to extend the depth of field of an imaging system by Jiang Liu, Erlong Miao, Yongxin Sui, Huaijiang Yang, Opt. Commun. 374 (1) (2016) 92. *Optics Communications*, **2016**, 381, 443	2	2
37	Tuning field depth at high resolution by pupil engineering. *Advances in Optics and Photonics*, **2015**, 7, 814	16.7	31
36	Optical Processors as Conceptual Tools for Designing Nonconventional Devices. *Springer Series in Optical Sciences*, **2015**, 117-146	0.5	1
35	Novel free-form optical pairs for tunable focalizers. *Journal of Optics (India)*, **2014**, 43, 85-91	1.3	3
34	Multiple-frame photography for extended depth of field. *Applied Optics*, **2013**, 52, D84-91	1.7	7
33	Tunable apodizers and tunable focalizers using helical pairs. *Photonics Letters of Poland*, **2013**, 5,	2.1	8
32	Electro-optic time lens with an extended time aperture. *Journal of the Optical Society of America B: Optical Physics*, **2010**, 27, 2110	1.7	9
31	Pseudo zone plate for extended focal depth. *Optical Memory and Neural Networks (Information Optics)*, **2009**, 18, 164-170	0.7	3
30	Adaptive photodetector for assisted Talbot effect. *Applied Optics*, **2008**, 47, 3778-83	0.2	2
29	Conjugate phase plate use in analysis of the frequency response of imaging systems designed for extended depth of field. *Applied Optics*, **2008**, 47, E99-105	0.2	18
28	Phase-Space Representations in Optics: introduction to the feature issue **2008**, 47, PSO1		0
27	Side-lobe suppression in electro-optic pulse generation. *Electronics Letters*, **2007**, 43, 414	1.1	1
26	Ambiguity function analysis of pulse train propagation: applications to temporal Lau filtering. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **2007**, 24, 2268-73	1.8	4
25	Bow-tie effect: differential operator. *Applied Optics*, **2006**, 45, 7878-84	1.7	18
24	Temporal Lau effect: Noncoherent regeneration of periodic pulse trains. *Journal of the European Optical Society-Rapid Publications*, **2006**, 1,	2.5	6

23	Annular phase-only mask for high focal depth. *Optics Letters*, **2005**, 30, 1647-9	3	24
22	Fresnel similarity. *Optics Communications*, **2005**, 249, 397-405	2	5
21	Multichannel image storage with image processing capabilities. *Optics Communications*, **2004**, 230, 131-135	2	0
20	Asymmetric phase masks for extended depth of field. *Applied Optics*, **2004**, 43, 3474-9	1.7	61
19	High focal depth with fractional-power wave fronts. *Optics Letters*, **2004**, 29, 560-2	3	63
18	Numerical optimization of phase-only elements based on the fractional Talbot effect. *Journal of the Optical Society of America A: Optics and Image Science, and Vision*, **1999**, 16, 97	1.8	7
17	Phase mask for high focal depth **1999**, 3749, 14		2
16	Tunable axial superresolution by annular binary filters. Application to confocal microscopy. *Optics Communications*, **1995**, 119, 491-498	2	64
15	Synthesis of analog apodizers with binary angular sectors. *Applied Optics*, **1995**, 34, 317-22	1.7	7
14	On-axis diffractional behavior of two-dimensional pupils. *Applied Optics*, **1994**, 33, 2223-9	1.7	28
13	Moir□ with zone plates pseudo-randomly encoded. *Optics Communications*, **1993**, 97, 157-161	2	4
12	Talbot interferometry: a new geometry. *Optics Communications*, **1993**, 96, 294-301	2	10
11	Zero axial irradiance by annular screens with angular variation. *Applied Optics*, **1992**, 31, 4600-2	1.7	28
10	Nondiffracting beams and the self-imaging phenomenon. *Optics Communications*, **1991**, 83, 1-4	2	31
9	Holographic interferometer with tunable radial and lateral displacement. *Applied Optics*, **1990**, 29, 949-52	1.7	5
8	Zone plate for arbitrarily high focal depth. *Applied Optics*, **1990**, 29, 994-7	1.7	60
7	Zone plates with cells apodized by legendre profiles. *Applied Optics*, **1990**, 29, 1299-303	1.7	7
6	Talbot interferometer with simultaneous dark and bright fields. *Applied Optics*, **1989**, 28, 1517-20	1.7	10

5	Arbitrarily high focal depth with a quasioptimum real and positive transmittance apodizer. *Applied Optics*, **1989**, 28, 2666-70	1.7	55
4	High focal depth by apodization and digital restoration. *Applied Optics*, **1988**, 27, 2583-6	1.7	47
3	Apodization of annular apertures: Strehl ratio. *Applied Optics*, **1988**, 27, 5140-5	1.7	21
2	Bessel annular apodizers: imaging characteristics. *Applied Optics*, **1987**, 26, 2770-2	1.7	34
1	Isotropic Hilbert transform by anisotropic spatial filtering. *Applied Optics*, **1986**, 25, 4035	1.7	9