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List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30
papers

222
citations

9
h-index

13
g-index

39
ext. papers

288
ext. citations

3.2
avg, IF

2.96
L-index

#	Paper	IF	Citations
30	Study of Full-Color Multiplexed Transmission Holograms of Diffusing Objects Recorded in Photopolymer Bayfol HX. <i>Photonics</i> , 2021 , 8, 465	2.2	1
29	Full-color multiplexed reflection hologram of diffusing objects recorded by using simultaneous exposure with different times in photopolymer Bayfol HX. <i>Optics and Laser Technology</i> , 2021 , 143, 107303	4.2	1
28	Stacked volume holographic gratings for extending the operational wavelength range in LED and solar applications. <i>Applied Optics</i> , 2020 , 59, 2569-2579	1.7	4
27	Outdoor performance evaluation of a holographic solar concentrator optimized for building integration. <i>Applied Energy</i> , 2019 , 250, 1073-1084	10.7	9
26	Full modeling and experimental validation of cylindrical holographic lenses recorded in Bayfol HX photopolymer and partly operating in the transition regime for solar concentration. <i>Optics Express</i> , 2018 , 26, A398-A412	3.3	9
25	True colour Denisyuk-type hologram recording in Bayfol HX self-developing photopolymer 2017 ,		1
24	Energy analysis of holographic lenses for solar concentration 2017 ,		3
23	Characterization of volume holographic optical elements recorded in Bayfol HX photopolymer for solar photovoltaic applications. <i>Optics Express</i> , 2016 , 24, A720-30	3.3	37
22	Holographic solar energy systems: The role of optical elements. <i>Renewable and Sustainable Energy Reviews</i> , 2016 , 59, 130-140	16.2	17
21	Energy Simulation of a Holographic PVT Concentrating System for Building Integration Applications. <i>Energies</i> , 2016 , 9, 577	3.1	6
20	Broadband behavior of transmission volume holographic optical elements for solar concentration. <i>Optics Express</i> , 2015 , 23, A671-81	3.3	18
19	Holographic lenses for building integrated concentrating photovoltaics. <i>Applied Energy</i> , 2013 , 110, 227-235	15.7	35
18	Holographic optical element to generate achromatic vortices. <i>Optics Express</i> , 2013 , 21, 21056-61	3.3	12
17	Holographic optical element to generate achromatic vortices. <i>Optics Express</i> , 2013 , 21, 21057	3.3	2
16	Compensation of second-order dispersion in femtosecond pulses after filamentation using volume holographic transmission gratings recorded in dichromated gelatin. <i>Applied Physics B: Lasers and Optics</i> , 2012 , 106, 135-141	1.9	3
15	Characterization of transmission volume holographic gratings recorded in Slavich PFG04 dichromated gelatin plates. <i>Applied Optics</i> , 2009 , 48, 4348-53	0.2	10
14	High power vortex generation with volume phase holograms and non-linear experiments in gases. <i>Applied Physics B: Lasers and Optics</i> , 2008 , 91, 115-118	1.9	17

13	Anamorphic white light Fourier processor with holographic lenses. <i>Applied Optics</i> , 2006 , 45, 8706-13	1.7	2
12	Construction and characterization of compound holographic lenses for multichannel one-dimensional Fourier transformation and optical parallel processing. <i>Optics Communications</i> , 2005 , 249, 85-94	2	5
11	Silver halide sensitized gelatin process effects in holographic lenses recorded on Slavich PFG-01 plates. <i>Applied Optics</i> , 2003 , 42, 805-10	1.7	6
10	Partitioned-field holographic lenses composed of three noncentered uniaxial systems. <i>Applied Optics</i> , 2003 , 42, 6445-51	1.7	3
9	Zero reference signal for displacement measuring systems by use of speckle. <i>Applied Optics</i> , 2003 , 42, 6797-803	1.7	0
8	Partitioned-field uniaxial holographic lenses. <i>Applied Optics</i> , 2002 , 41, 1872-81	1.7	4
7	Volume holographic elements in Kodak 131 plates processed with SHSG method 2001 , 4419, 518		
6	Ray aberration for a biaxial holographic imaging system. <i>Optics Communications</i> , 2001 , 199, 325-344	2	2
5	Ray tracing for holographic optical element recording with non-spherical waves. <i>Journal of Optics</i> , 2001 , 3, 387-397		2
4	HOE recording with non-spherical waves. <i>Journal of Optics</i> , 2001 , 3, 53-60		5
3	Field improvement in optical uniaxial centered systems composed of holographic elements 2000 , 4149, 177		1
2	Holographic volume dual-element as an optical variable beamsplitter. <i>Journal of Modern Optics</i> , 1999 , 46, 155-165	1.1	
1	Field improvement in a uniaxial centered lens composed of two stacked-volume holographic elements. <i>Applied Optics</i> , 1999 , 38, 4011-8	1.7	6