Jia Jia

List of Publications by Year
in descending order

18	777	840776	1125743
papers	citations	11 h-index	13 g-index

18	18	18	627
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Athermally photoreduced graphene oxides for three-dimensional holographic images. Nature Communications, 2015, 6, 6984.	12.8	198
2	Reducing the memory usage for effectivecomputer-generated hologram calculation using compressed look-up table in full-color holographic display. Applied Optics, 2013, 52, 1404.	1.8	136
3	Fast polygon-based method for calculating computer-generated holograms in three-dimensional display. Applied Optics, 2013, 52, A290.	1.8	113
4	Multiplexing encoding method for full-color dynamic 3D holographic display. Optics Express, 2014, 22, 18473.	3.4	92
5	3D dynamic holographic display by modulating complex amplitude experimentally. Optics Express, 2013, 21, 20577.	3.4	86
6	Accurate compressed look up table method for CGH in 3D holographic display. Optics Express, 2015, 23, 33194.	3.4	45
7	Fast and effective occlusion culling for 3D holographic displays by inverse orthographic projection with low angular sampling. Applied Optics, 2014, 53, 6287.	1.8	24
8	Fast two-step layer-based method for computer generated hologram using sub-sparse 2D fast Fourier transform. Optics Express, 2018, 26, 17487.	3.4	24
9	PVA Hydrogel Embedded with Quantum Dots: A Potential Scalable and Healable Display Medium for Holographic 3D Applications. Advanced Optical Materials, 2014, 2, 338-342.	7.3	23
10	Magnification of three-dimensional optical image without distortion in dynamic holographic projection. Optical Engineering, 2011, 50, 115801.	1.0	13
11	Tunable nonuniform sampling method for fast calculation and intensity modulation in 3D dynamic holographic display. Optics Letters, 2013, 38, 2676.	3.3	13
12	Double network hydrogel embedded with quantum dots: Enhanced visual performance for holographic 3D display. Synthetic Metals, 2016, 222, 132-136.	3.9	7
13	Digital Holographic Display. , 2018, , 113-129.		1
14	Computational load reduction by avoiding the recalculation of angular redundancy in computerâ€generated holograms. ETRI Journal, 2019, 41, 52-60.	2.0	1
15	3D image enlargement without distortion based on the optical reversibility theorem. , 2012, , .		1
16	P.52: A Colorful Holographic Display System with Enlarged Viewing Zone Using Multiplex SLMs. Digest of Technical Papers SID International Symposium, 2013, 44, 1189-1191.	0.3	0
17	39.2: Fast layerâ€based algorithm in computerâ€generated holography by using the frequency sparsity of hologram. Digest of Technical Papers SID International Symposium, 2021, 52, 492-494.	0.3	0
18	Precise Intensity Modulation in Dynamic Holographic 3D Display. , 2014, , .		0