Lihui Wang

List of Publications by Year
in descending order

20 papers	176 citations	1478505 6 h-index	1474206 9 g-index
20 all docs	20 docs citations	20 times ranked	85 citing authors

#	Article	IF	Citations
1	A liquid lens-based optical sensor for tactile sensing. Smart Materials and Structures, 2022, 31, 035011.	3.5	7
2	A Novel Multi-Focus Fusion Network for Retinal Microsurgery. , 2022, , .		0
3	Extended depth-of-field projection method using a high-speed projector with a synchronized oscillating variable-focus lens. Applied Optics, 2021, 60, 3917.	1.8	16
4	6.4: Interactive Dynamic Extended Depthâ€ofâ€Field Projection Mapping with Variable Focus Lens and Visual Feedback Control. Digest of Technical Papers SID International Symposium, 2021, 52, 123-123.	0.3	0
5	Robust optical axis control of monocular active gazing based on pan-tilt mirrors for high dynamic targets. Optics Express, 2021, 29, 40214.	3.4	4
6	An Optical Tactile Sensor with Liquid Lens Mechanism. , 2021, , .		0
7	The Influence of Membrane Thickness on the Dynamic Response of Liquid Lens. , 2021, , .		0
8	High-Speed Focal Tracking Projection Based on Liquid Lens. , 2020, , .		10
9	Multifocus image fusion and depth reconstruction. Journal of Electronic Imaging, 2020, 29, 1.	0.9	0
10	Adaptive self-window-based optical information acquisition method for high dynamic target. , 2020, , .		1
11	Dynamic Response of Elastomer-Based Liquid-Filled Variable Focus Lens. Sensors, 2019, 19, 4624.	3.8	14
12	Dynamic Depth-of-Field Projection for 3D Projection Mapping. , 2019, , .		7
13	Dynamic focal tracker display. , 2019, , .		3
14	Low-cost, readily available 3D microscopy imaging system with variable focus spinner. Optics Express, 2018, 26, 30576.	3.4	6
15	Investigation of the dynamic response performance for the liquid-filled variable focus lens. , 2018, , .		0
16	Paraxial ray solution for liquid-filled variable focus lenses. Japanese Journal of Applied Physics, 2017, 56, 122501.	1.5	12
17	Dielectric-elastomer-based fabrication method for varifocal microlens array. Optics Express, 2017, 25, 31708.	3.4	19
18	An improved low-optical-power variable focus lens with a large aperture. Optics Express, 2014, 22, 19448.	3.4	31

#	Article	IF	Citations
19	Variable-focus lens with 30â€‰mm optical aperture based on liquidâ€“membraneâ€“liquid structure. Applied Physics Letters, 2013, 102, .	3.3	46
20	A Weak Power Enhanced Liquid-Membrane-Liquid Lens by a Pretension Elastic Membrane. , 2013, , .		0