

Sebastian Petsch

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

449
citations

1478505

6
h-index

1720034

7
g-index

10
all docs

10
docs citations

10
times ranked

560
citing authors

#	ARTICLE	IF	CITATIONS
1	The engineered eyeball, a tunable imaging system using soft-matter micro-optics. Light: Science and Applications, 2016, 5, e16068-e16068.	16.6	47
2	Phase shifting in the spatial frequency domain. Optical Engineering, 2016, 55, 034104.	1.0	2
3	Smart artificial muscle actuators: Liquid crystal elastomers with integrated temperature feedback. Sensors and Actuators A: Physical, 2015, 231, 44-51.	4.1	82
4	Iris-Like Tunable Aperture Employing Liquid-Crystal Elastomers. Advanced Materials, 2014, 26, 7247-7251.	21.0	195
5	Elastomeric lenses with tunable astigmatism. Light: Science and Applications, 2013, 2, e98-e98.	16.6	68
6	Miniaturized tunable imaging system inspired by the human eye. Optics Letters, 2013, 38, 3991.	3.3	24
7	A versatile fabrication process for reaction injection molded elastomeric micro-lenses. , 2012, , .		1
8	Tunable solid-body elastomer lenses with electromagnetic actuation. Applied Optics, 2011, 50, 3268.	2.1	29
9	Liquid Crystal Elastomer Micro-optics. , 0, , 346-368.		0
10	Solid Body Elastomeric Lenses. , 0, , 176-196.		1