

Nico Heussner

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

79
citations

1684188
5
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1474206
9
g-index

11
all docs

11
docs citations

11
times ranked

77
citing authors

#	ARTICLE	IF	CITATIONS
1	Prediction of temperature and damage in an irradiated human eyeâ€™Utilization of a detailed computer model which includes a vectorial blood stream in the choroid. Computers in Biology and Medicine, 2014, 51, 35-43.	7.0	24
2	Eye safety for scanning laser projection systems. Biomedizinische Technik, 2012, 57, 175-84.	0.8	14
3	A prediction model for ocular damage â€™ Experimental validation. Journal of Thermal Biology, 2015, 52, 38-44.	2.5	9
4	Optimizing flying-spot display designs based on the upcoming edition of the laser safety standard. Journal of the Society for Information Display, 2014, 22, 9-17.	2.1	8
5	Large aperture at low cost three-dimensional time-of-flight range sensor using scanning micromirrors and synchronous detector switching. Applied Optics, 2014, 53, 1570.	1.8	7
6	Capabilities and limitations of a new thermal finite volume model for the evaluation of laser-induced thermo-mechanical retinal damage. Computers in Biology and Medicine, 2020, 122, 103835.	7.0	5
7	Optical system design and experimental evaluation of a coherent Doppler wind Lidar system for the predictive control of wind turbine. Optical Review, 2014, 21, 698-704.	2.0	4
8	Thermodynamic finite-element-method (FEM) eye model for laser safety considerations. , 2013, , .		3
9	Revision of an Optical Engineering Lecture Based on Studentsâ€™ Evaluation of University Teaching. International Journal of Information and Education Technology, 2015, 5, 890-896.	1.2	3
10	Pressure stimulation of retinal ganglion cells with femtosecond laser in laser-induced breakdown regime. Optik, 2018, 166, 207-218.	2.9	1
11	Evaluation of short pulse laser damage to the retinal pigment epithelium layer: a key point for the assessment of devices using the nanosecond regime. , 2018, , .		1