

Lukas Traxler

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

25
citations

2682572

2
h-index

2053705

5
g-index

13
all docs

13
docs citations

13
times ranked

17
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Comparison of Optical Inline 3D Measurement and Inspection Systems. IEEE Access, 2021, 9, 53952-53963.	4.2	13
2	High-speed Inline Computational Imaging for Area Scan Cameras. IS&T International Symposium on Electronic Imaging, 2021, 33, 301-1-301-6.	0.4	2
3	Robustness of Fourier Ptychographic Imaging to Variation of System Parameters. IS&T International Symposium on Electronic Imaging, 2021, 2021, 166-1-166-8.	0.4	0
4	3D microscopic imaging using Structure-from-Motion. IS&T International Symposium on Electronic Imaging, 2019, 2019, 3-1-3-6.	0.4	2
5	Comparison of different wavefront measurement setups to judge the position tolerance of intraocular lenses in a model eye. , 2017, , .		0
6	Further improvement of an intraocular lens holder for more physiological measurements within a mechanical eye model. Proceedings of SPIE, 2017, , .	0.8	0
7	Experiments for practical education in process parameter optimization for selective laser sintering to increase workpiece quality. , 2016, , .		0
8	Track W. Personalized Health. Biomedizinische Technik, 2016, 61, 245-246.	0.8	0
9	Tilt and decentration tolerance of intraocular lenses: measurements with an improved mechanical model eye. , 2016, , .		0
10	Implementation of a capsular bag model to enable sufficient lens stabilization within a mechanical eye model. , 2015, , .		2
11	Improvement of Optics, Mechanics and the Usability of a Mechanical Eye Model for Vision Quality Evaluation of IOLs. —The project was funded by the MA 23 City of Vienna within the project Laser & Optics in Applied Life Sciences (LOALiS). Thanks are dedicated to the Fraunhofer Institute of Applied Optics and Precision Engineering Jena and CAE Simulation & Solutions GmbH Vienna.. IFAC-PapersOnLine, 2015, 48, 1-18.	0.9	2
12	Reproducibility analysis of measurements with a mechanical semiautomatic eye model for evaluation of intraocular lenses. , 2014, , .		1
13	Mechanical Eye Model for Comparison of Optical and Physiological Imaging Properties. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 1-12.	0.4	3