Wilhelm Stork

List of Publications by Year
in descending order

25 papers	357 citations	1163065 8 h-index	839512 18 g-index
26 all docs	26 docs citations	26 times ranked	319 citing authors

#	Article	IF	Citations
1	Digital Health Apps in the Context of Dementia: Questionnaire Study to Assess the Likelihood of Use Among Physicians. JMIR Formative Research, 2022, 6, e35961.	1.4	1
2	Multiplexed Holographic Combiner with Extended Eye Box Fabricated by Wave Front Printing. Photonics, 2022, 9, 419.	2.0	4
3	When Data Fly: An Open Data Trading System in Vehicular Ad Hoc Networks. Electronics (Switzerland), 2021, 10, 654.	3.1	4
4	Data-driven Development of Digital Health Applications on the Example of Dementia Screening. , 2021, , .		3
5	Incremental Learning for the Improvement of Ampacity Predictions over Time. , 2021, , .		1
6	The Merits of a Decentralized Pollution-Monitoring System Based on Distributed Ledger Technology. IEEE Access, 2020, 8, 189365-189381.	4.2	13
7	CNN-Based Lidar Point Cloud De-Noising in Adverse Weather. IEEE Robotics and Automation Letters, 2020, 5, 2514-2521.	5.1	109
8	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
9	Development of an Emotion-Sensitive mHealth Approach for Mood-State Recognition in Bipolar Disorder. JMIR Mental Health, 2020, 7, e14267.	3.3	3
10	Multiple-pulse damage thresholds of retinal explants in the ns-time regime. Biomedical Optics Express, 2020, 11, 7299.	2.9	1
11	Ampacity forecasting from Numerical Weather Predictions: a fusion of the traditional and machine learning methods. , 2020, , .		2
12	Ampacity forecasting: an approach using Quantile Regression Forests. , 2019, , .		6
13	An Open Multimodal Mobility Platform Based on Distributed Ledger Technology. Lecture Notes in Computer Science, 2019, , 41-52.	1.3	8
14	From Data Points to Ampacity Forecasting: Gated Recurrent Unit Networks. , 2018, , .		6
15	An Approach to digitalize Psychological Tests to support Diagnosis of Alzheimer's Disease in Ambulatory Care. , 2018, , .		6
16	Portable auricular device for real-time swallow and chew detection. Current Directions in Biomedical Engineering, 2016, 2, 129-133.	0.4	2
17	A prediction model for ocular damage â€" Experimental validation. Journal of Thermal Biology, 2015, 52, 38-44.	2.5	9
18	Synchronization in wireless biomedical-sensor networks with Bluetooth Low Energy. Current Directions in Biomedical Engineering, 2015, 1, 73-76.	0.4	12

#	Article	IF	Citations
19	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
20	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
21	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
22	Recent Developments of Ambulatory Assessment Methods. Zeitschrift FÃ¼r Neuropsychologie = Journal of Neuropsychology, 2014, 25, 279-287.	0.6	6
23	Eye safety for scanning laser projection systems. Biomedizinische Technik, 2012, 57, 175-84.	0.8	14
24	Imaging quality of intraocular lenses. Journal of Cataract and Refractive Surgery, 2005, 31, 1618-1631.	1.5	76
25	Non-invasive polarimetric measurement of glucose concentration in the anterior chamber of the eye. Graefe's Archive for Clinical and Experimental Ophthalmology, 2004, 242, 1017-1023.	1.9	30