Robert Richer

List of Publications by Year
in descending order

19 papers	**192** citations	1937685 **4** h-index	1720034 **7** g-index
19 all docs	**19** docs citations	**19** times ranked	**224** citing authors

#	Article	IF	Citations
1	Promoting relaxation using virtual reality, olfactory interfaces and wearable EEG. , 2018, , .		55
2	Real-time Mental State Recognition using a Wearable EEG. , 2018, 2018, 5495-5498.		25
3	An Overview of the Feasibility of Permanent, Real-Time, Unobtrusive Stress Measurement with Current Wearables. , 2019, , .		23
4	Real-Time ECG and EMG Analysis for Biking Using Android-Based Mobile Devices. , 2014, , .		14
5	Wearable Current-Based ECG Monitoring System with Non-Insulated Electrodes for Underwater Application. Applied Sciences (Switzerland), 2017, 7, 1277.	2.5	13
6	Unobtrusive heart rate estimation during physical exercise using photoplethysmographic and acceleration data. , 2015, 2015, 6114-7.		11
7	BioPsyKit: A Python package for the analysis of biopsychological data. Journal of Open Source Software, 2021, 6, 3702.	4.6	8
8	Novel human computer interaction principles for cardiac feedback using google glass and Android wear. , 2015, , .		7
9	Exploring the Feasibility of EMG Based Interaction for Assessing Cognitive Capacity in Virtual Reality. , 2018, 2018, 4953-4956.		6
10	Real-time work environment optimization using multimodal media and body sensor network. Smart Health, 2021, 19, 100164.	3.2	6
11	Classification of Acute Stress-Induced Response Patterns. , 2019, , .		5
12	Exploring Smart Agents for the Interaction with Multimodal Mediated Environments. Multimodal Technologies and Interaction, 2020, 4, 27.	2.5	5
13	Evaluation of Orthostatic Reactions in Real-World Environments Using Wearable Sensors. , 2021, 2021, 6987-6990.		4
14	The footprint of orthostatic hypotension in parkinsonian syndromes. Parkinsonism and Related Disorders, 2020, 77, 107-109.	2.2	3
15	Unobtrusive real-time heart rate variability analysis for the detection of orthostatic dysregulation. , 2016, , .		2
16	â€œMigraineMonitorâ€â€" Towards a System for the Prediction of Migraine Attacks using Electrostimulation. Current Directions in Biomedical Engineering, 2018, 4, 629-632.	0.4	2
17	Evaluation of Foot Kinematics During Endurance Running on Different Surfaces in Real-World Environments. Advances in Intelligent Systems and Computing, 2020, , 106-113.	0.6	2
18	Assessing the Influence of the Inner Clock on the Cortisol Awakening Response and Pre-Awakening Movement. , 2021, , .		1

#	Article	IF	Citations
19	imucal - A Python library to calibrate 6 DOF IMUs. Journal of Open Source Software, 2022, 7, 4338.	4.6	0