

Robert Richer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7310944/publications.pdf>

Version: 2024-02-01

19
papers

192
citations

2148532

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h-index

1905433

7
g-index

19
all docs

19
docs citations

19
times ranked

253
citing authors

#	ARTICLE	IF	CITATIONS
1	imucal - A Python library to calibrate 6 DOF IMUs. Journal of Open Source Software, 2022, 7, 4338.	2.0	0
2	Real-time work environment optimization using multimodal media and body sensor network. Smart Health, 2021, 19, 100164.	2.0	6
3	Assessing the Influence of the Inner Clock on the Cortisol Awakening Response and Pre-Awakening Movement. , 2021, , .		1
4	BioPsyKit: A Python package for the analysis of biopsychological data. Journal of Open Source Software, 2021, 6, 3702.	2.0	8
5	Evaluation of Orthostatic Reactions in Real-World Environments Using Wearable Sensors. , 2021, 2021, 6987-6990.		4
6	Exploring Smart Agents for the Interaction with Multimodal Mediated Environments. Multimodal Technologies and Interaction, 2020, 4, 27.	1.7	5
7	The footprint of orthostatic hypotension in parkinsonian syndromes. Parkinsonism and Related Disorders, 2020, 77, 107-109.	1.1	3
8	Evaluation of Foot Kinematics During Endurance Running on Different Surfaces in Real-World Environments. Advances in Intelligent Systems and Computing, 2020, , 106-113.	0.5	2
9	Classification of Acute Stress-Induced Response Patterns. , 2019, , .		5
10	An Overview of the Feasibility of Permanent, Real-Time, Unobtrusive Stress Measurement with Current Wearables. , 2019, , .		23
11	Promoting relaxation using virtual reality, olfactory interfaces and wearable EEG. , 2018, , .		55
12	Real-time Mental State Recognition using a Wearable EEG. , 2018, 2018, 5495-5498.		25
13	Exploring the Feasibility of EMG Based Interaction for Assessing Cognitive Capacity in Virtual Reality. , 2018, 2018, 4953-4956.		6
14	“MigraineMonitor” Towards a System for the Prediction of Migraine Attacks using Electrostimulation. Current Directions in Biomedical Engineering, 2018, 4, 629-632.	0.2	2
15	Wearable Current-Based ECG Monitoring System with Non-Insulated Electrodes for Underwater Application. Applied Sciences (Switzerland), 2017, 7, 1277.	1.3	13
16	Unobtrusive real-time heart rate variability analysis for the detection of orthostatic dysregulation. , 2016, , .		2
17	Unobtrusive heart rate estimation during physical exercise using photoplethysmographic and acceleration data. , 2015, 2015, 6114-7.		11
18	Novel human computer interaction principles for cardiac feedback using google glass and Android wear. , 2015, , .		7

#	ARTICLE	IF	CITATIONS
19	Real-Time ECG and EMG Analysis for Biking Using Android-Based Mobile Devices. , 2014, , .		14