

Yves Philippe Rybarczyk

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

861
citations

623574

14
h-index

552653

26
g-index

61
all docs

61
docs citations

61
times ranked

1025
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Learning Approach for Assessing Air Quality During COVID-19 Lockdown in Quito. <i>Frontiers in Big Data</i> , 2022, 5, 842455.	1.8	15
2	A Study on User Experience of Smart Glasses for Higher Education Students. , 2022, , .		0
3	Assessing the COVID-19 Impact on Air Quality: A Machine Learning Approach. <i>Geophysical Research Letters</i> , 2021, 48, e2020GL091202.	1.5	30
4	The effect of national protest in Ecuador on PM pollution. <i>Scientific Reports</i> , 2021, 11, 17591.	1.6	6
5	Gradient Boosting Machine to Assess the Public Protest Impact on Urban Air Quality. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 12083.	1.3	2
6	Evaluation of the Usability of a Mobile Application for Public Air Quality Information. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 451-462.	0.5	1
7	Improving Web Accessibility: Evaluation and Analysis of a Telerehabilitation Platform for Hip Arthroplasty Patients. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 508-519.	0.5	2
8	User Experience Assessment of a Tele-Rehabilitation Platform: The Physiotherapist Perspective. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 463-473.	0.5	2
9	Chemical characterization of urban PM10 in the Tropical Andes. <i>Atmospheric Pollution Research</i> , 2020, 11, 343-356.	1.8	20
10	Biomonitoring of metal levels in urban areas with different vehicular traffic intensity by using <i>Araucaria heterophylla</i> needles. <i>Ecological Indicators</i> , 2020, 117, 106701.	2.6	31
11	Seasonal variations in PM10 inorganic composition in the Andean city. <i>Scientific Reports</i> , 2020, 10, 17049.	1.6	8
12	A Traffic-Based Method to Predict and Map Urban Air Quality. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2035.	1.3	25
13	Web Accessibility Analysis of a Tele-Rehabilitation Platform: The Physiotherapist Perspective. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 215-221.	0.5	2
14	Serious-Games-Based Exercises for Arthroplasty Rehabilitation. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 619-626.	0.5	5
15	The Visual Perception of Biological Motion in Adults. , 2020, , 53-71.		0
16	Interaction with a Tele-Rehabilitation Platform Through a Natural User Interface: A Case Study of Hip Arthroplasty Patients. <i>Advances in Intelligent Systems and Computing</i> , 2019, , 246-256.	0.5	1
17	Bioinspired Implementation and Assessment of a Remote-Controlled Robot. <i>Applied Bionics and Biomechanics</i> , 2019, 2019, 1-10.	0.5	2
18	Urban Air Pollution Mapping and Traffic Intensity: Active Transport Application. , 2019, , .		5

#	ARTICLE	IF	CITATIONS
19	An Agile Approach to Improve the Usability of a Physical Telerehabilitation Platform. Applied Sciences (Switzerland), 2019, 9, 480.	1.3	10
20	Implementation and Assessment of an Intelligent Motor Tele-Rehabilitation Platform. Electronics (Switzerland), 2019, 8, 58.	1.8	21
21	Effects of Local Ischemic Compression on Upper Limb Latent Myofascial Trigger Points: A Study of Subjective Pain and Linear Motor Performance. Rehabilitation Research and Practice, 2019, 2019, 1-8.	0.5	5
22	Usability Study of a Web-Based Platform for Home Motor Rehabilitation. IEEE Access, 2019, 7, 7932-7947.	2.6	15
23	A Systematic Review of Usability and Accessibility in Tele-Rehabilitation Systems. , 2019, , .		3
24	Recognition of Physiotherapeutic Exercises Through DTW and Low-Cost Vision-Based Motion Capture. Advances in Intelligent Systems and Computing, 2018, , 348-360.	0.5	11
25	Quantifying decade-long effects of fuel and traffic regulations on urban ambient PM 2.5 pollution in a mid-size South American city. Atmospheric Pollution Research, 2018, 9, 66-75.	1.8	35
26	Towards a visuo-dynamic interface for disability self-assessment. Technology and Disability, 2018, 30, 41-52.	0.3	0
27	Towards Web Accessibility in Telerehabilitation Platforms. , 2018, , .		9
28	Telerehabilitation Platform for Post-arthroplasty Recovery: a Dynamic Time Warping Approach. , 2018, , .		3
29	Machine Learning Approaches for Outdoor Air Quality Modelling: A Systematic Review. Applied Sciences (Switzerland), 2018, 8, 2570.	1.3	137
30	Contrasted Effects of Relative Humidity and Precipitation on Urban PM2.5 Pollution in High Elevation Urban Areas. Sustainability, 2018, 10, 2064.	1.6	54
31	Smart Web-Based Platform to Support Physical Rehabilitation. Sensors, 2018, 18, 1344.	2.1	26
32	On the Use of Natural User Interfaces in Physical Rehabilitation: A Web-based Application for Patients with Hip Prosthesis. Journal of Science and Technology of the Arts, 2018, 10, 2.	0.4	8
33	ePHoRt Project: A Web-Based Platform for Home Motor Rehabilitation. Advances in Intelligent Systems and Computing, 2017, , 609-618.	0.5	19
34	Telerehabilitation platform for hip surgery recovery. , 2017, , .		2
35	Modeling PM _{2.5} Urban Pollution Using Machine Learning and Selected Meteorological Parameters. Journal of Electrical and Computer Engineering, 2017, 2017, 1-14.	0.6	97
36	Using Games for the Phonetics Awareness of Children with Down Syndrome. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 1-8.	0.2	2

#	ARTICLE	IF	CITATIONS
37	3D Markerless Motion Capture: A Low Cost Approach. Advances in Intelligent Systems and Computing, 2016, , 731-738.	0.5	3
38	WebLisling: A Web-based Therapeutic Platform for the Rehabilitation of Aphasic Patients. IEEE Latin America Transactions, 2016, 14, 3921-3927.	1.2	7
39	Machine learning approach to forecasting urban pollution. , 2016, , .		23
40	Educative therapeutic tool to promote the empowerment of disabled people. IEEE Latin America Transactions, 2016, 14, 3410-3417.	1.2	11
41	Towards the creation of a Gesture Library. EAI Endorsed Transactions on Creative Technologies, 2015, 2, e3.	1.0	3
42	Kinect-Sign, Teaching Sign Language to "Listeners" through a Game. Procedia Technology, 2014, 17, 384-391.	1.1	16
43	Body Ownership of Virtual Avatars: An Affordance Approach of Telepresence. IFIP Advances in Information and Communication Technology, 2014, , 3-19.	0.5	5
44	Touching Virtual Agents: Embodiment and Mind. IFIP Advances in Information and Communication Technology, 2014, , 114-138.	0.5	8
45	Effect of avatars and viewpoints on performance in virtual world: efficiency vs. telepresence. EAI Endorsed Transactions on Creative Technologies, 2014, 1, e4.	1.0	7
46	Effect of Temporal Organization of the Visuo-Locomotor Coupling on the Predictive Steering. Frontiers in Psychology, 2012, 3, 239.	1.1	7
47	Human-like conception of a remote control robotic system. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2007, 40, 189-194.	0.4	1
48	Temporal dynamics of motion integration for the initiation of tracking eye movements at ultra-short latencies. Visual Neuroscience, 2000, 17, 753-767.	0.5	76
49	ARPH: an assistant robot for disabled people. , 0, , .		10
50	ARPH-assistant robot for handicapped people-a pluridisciplinary project. , 0, , .		8
51	Contribution of neuroscience to the teleoperation of rehabilitation robot. , 0, , .		8
52	Regression Models to Predict Air Pollution from Affordable Data Collections. , 0, , .		15
53	Introductory Chapter: Transdisciplinary Considerations on Assistive and Rehabilitation Systems. , 0, , .		0
54	Sensori-Motor Appropriation of an Artefact: A Neuroscientific Approach. , 0, , .		4