

Yves Philippe Rybarczyk

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4143869/publications.pdf>

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	Machine Learning Approaches for Outdoor Air Quality Modelling: A Systematic Review. Applied Sciences (Switzerland), 2018, 8, 2570.	1.3	137
2	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
3	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
4	Contrasted Effects of Relative Humidity and Precipitation on Urban PM _{2.5} Pollution in High Elevation Urban Areas. Sustainability, 2018, 10, 2064.	1.6	54
5	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
6	Biomonitoring of metal levels in urban areas with different vehicular traffic intensity by using Araucaria heterophylla needles. Ecological Indicators, 2020, 117, 106701.	2.6	31
7	Assessing the COVID-19 Impact on Air Quality: A Machine Learning Approach. Geophysical Research Letters, 2021, 48, e2020GL091202.	1.5	30
8	Smart Web-Based Platform to Support Physical Rehabilitation. Sensors, 2018, 18, 1344.	2.1	26
9	A Traffic-Based Method to Predict and Map Urban Air Quality. Applied Sciences (Switzerland), 2020, 10, 2035.	1.3	25
10	Machine learning approach to forecasting urban pollution. , 2016, , .		23
11	Implementation and Assessment of an Intelligent Motor Tele-Rehabilitation Platform. Electronics (Switzerland), 2019, 8, 58.	1.8	21
12	Chemical characterization of urban PM ₁₀ in the Tropical Andes. Atmospheric Pollution Research, 2020, 11, 343-356.	1.8	20
13	ePHoRt Project: A Web-Based Platform for Home Motor Rehabilitation. Advances in Intelligent Systems and Computing, 2017, , 609-618.	0.5	19
14	Kinect-Sign, Teaching Sign Language to "Listeners" through a Game. Procedia Technology, 2014, 17, 384-391.	1.1	16
15	Regression Models to Predict Air Pollution from Affordable Data Collections. , 0, , .		15
16	Usability Study of a Web-Based Platform for Home Motor Rehabilitation. IEEE Access, 2019, 7, 7932-7947.	2.6	15
17	Deep Learning Approach for Assessing Air Quality During COVID-19 Lockdown in Quito. Frontiers in Big Data, 2022, 5, 842455.	1.8	15
18	Educative therapeutic tool to promote the empowerment of disabled people. IEEE Latin America Transactions, 2016, 14, 3410-3417.	1.2	11

#	ARTICLE	IF	CITATIONS
19	Recognition of Physiotherapeutic Exercises Through DTW and Low-Cost Vision-Based Motion Capture. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 348-360.	0.5	11
20	ARPH: an assistant robot for disabled people. , 0, , .		10
21	An Agile Approach to Improve the Usability of a Physical Telerehabilitation Platform. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 480.	1.3	10
22	Towards Web Accessibility in Telerehabilitation Platforms. , 2018, , .		9
23	ARPH-assistant robot for handicapped people-a pluridisciplinary project. , 0, , .		8
24	Contribution of neuroscience to the teleoperation of rehabilitation robot. , 0, , .		8
25	Seasonal variations in PM10 inorganic composition in the Andean city. <i>Scientific Reports</i> , 2020, 10, 17049.	1.6	8
26	Touching Virtual Agents: Embodiment and Mind. <i>IFIP Advances in Information and Communication Technology</i> , 2014, , 114-138.	0.5	8
27	On the Use of Natural User Interfaces in Physical Rehabilitation: A Web-based Application for Patients with Hip Prosthesis. <i>Journal of Science and Technology of the Arts</i> , 2018, 10, 2.	0.4	8
28	Effect of Temporal Organization of the Visuo-Locomotor Coupling on the Predictive Steering. <i>Frontiers in Psychology</i> , 2012, 3, 239.	1.1	7
29	WebLisling: A Web-based Therapeutic Platform for the Rehabilitation of Aphasic Patients. <i>IEEE Latin America Transactions</i> , 2016, 14, 3921-3927.	1.2	7
30	Effect of avatars and viewpoints on performance in virtual world: efficiency vs. telepresence. <i>EAI Endorsed Transactions on Creative Technologies</i> , 2014, 1, e4.	1.0	7
31	The effect of national protest in Ecuador on PM pollution. <i>Scientific Reports</i> , 2021, 11, 17591.	1.6	6
32	Urban Air Pollution Mapping and Traffic Intensity: Active Transport Application. , 2019, , .		5
33	Effects of Local Ischemic Compression on Upper Limb Latent Myofascial Trigger Points: A Study of Subjective Pain and Linear Motor Performance. <i>Rehabilitation Research and Practice</i> , 2019, 2019, 1-8.	0.5	5
34	Serious-Games-Based Exercises for Arthroplasty Rehabilitation. <i>Advances in Intelligent Systems and Computing</i> , 2020, , 619-626.	0.5	5
35	Body Ownership of Virtual Avatars: An Affordance Approach of Telepresence. <i>IFIP Advances in Information and Communication Technology</i> , 2014, , 3-19.	0.5	5
36	Sensori-Motor Appropriation of an Artefact: A Neuroscientific Approach. , 0, , .		4

#	ARTICLE	IF	CITATIONS
37	3D Markerless Motion Capture: A Low Cost Approach. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 731-738.	0.5	3
38	Telerehabilitation Platform for Post-arthroplasty Recovery: a Dynamic Time Warping Approach. , 2018, , .		3
39	A Systematic Review of Usability and Accessibility in Tele-Rehabilitation Systems. , 2019, , .		3
40	Towards the creation of a Gesture Library. <i>EAI Endorsed Transactions on Creative Technologies</i> , 2015, 2, e3.	1.0	3
41	Telerehabilitation platform for hip surgery recovery. , 2017, , .		2
42	Bioinspired Implementation and Assessment of a Remote-Controlled Robot. <i>Applied Bionics and Biomechanics</i> , 2019, 2019, 1-10.	0.5	2
43	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
44	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
45	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
46	Using Games for the Phonetics Awareness of Children with Down Syndrome. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2017, , 1-8.	0.2	2
47	Gradient Boosting Machine to Assess the Public Protest Impact on Urban Air Quality. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 12083.	1.3	2
48	Human-like conception of a remote control robotic system. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2007, 40, 189-194.	0.4	1
49	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
50	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
51	Towards a visuo-dynamic interface for disability self-assessment. <i>Technology and Disability</i> , 2018, 30, 41-52.	0.3	0
52	Introductory Chapter: Transdisciplinary Considerations on Assistive and Rehabilitation Systems. , 0, , .		0
53	The Visual Perception of Biological Motion in Adults. , 2020, , 53-71.		0
54	A Study on User Experience of Smart Glasses for Higher Education Students. , 2022, , .		0