

# Jorge Luis Buele

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

225  
citations

1306789

7  
h-index

1125271

13  
g-index

47  
all docs

47  
docs citations

47  
times ranked

112  
citing authors

#	ARTICLE	IF	CITATIONS
1	The cupboard task: An immersive virtual reality-based system for everyday memory assessment. International Journal of Human Computer Studies, 2022, 167, 102885.	3.7	15
2	Memory Diagnostic Application Using the FNAME. Advances in Intelligent Systems and Computing, 2021, , 41-50.	0.5	0
3	Construction of a Low-Cost Semi-automatic Machine for Tensile Testing. Communications in Computer and Information Science, 2021, , 225-235.	0.4	1
4	Carwash Station Prototype with Automatic Payment Using Intelligent Control Systems. Communications in Computer and Information Science, 2021, , 236-249.	0.4	0
5	Smart Home Control System Using Echo Dot. Advances in Intelligent Systems and Computing, 2021, , 303-312.	0.5	6
6	Impact of the Multiplatform Mobile Applications and Their Technological Acceptance Model in Tourist Georeferenced Management. Advances in Intelligent Systems and Computing, 2021, , 313-322.	0.5	1
7	Precision Shooting Training System Using Augmented Reality. Lecture Notes in Computer Science, 2021, , 283-298.	1.0	6
8	A Virtual Reality-Based Cognitive Telerehabilitation System for Use in the COVID-19 Pandemic. Sustainability, 2021, 13, 2183.	1.6	23
9	Static Reactive Power Compensator Design, Based on Three-Phase Voltage Converter. Energies, 2021, 14, 2198.	1.6	13
10	Maintenance Plan Based on TPM for Turbine Recovery Machinery. Journal of Physics: Conference Series, 2021, 1878, 012034.	0.3	6
11	Monitoring System for Physical Water Quality Parameters and Automatic Control for Chlorine Dosing in a Aerator Treatment Plant. Journal of Physics: Conference Series, 2021, 1878, 012065.	0.3	2
12	Facial Recognition System for People with and without Face Mask in Times of the COVID-19 Pandemic. Sustainability, 2021, 13, 6900.	1.6	35
13	Estandarizaci3n de procesos prioritarios en la recuperaci3n del rodete de una turbina tipo Francis. CienciAm3rica, 2021, 10, 90.	1.5	0
14	Virtual Environment for Remote Control of UGVs Using a Haptic Device. Smart Innovation, Systems and Technologies, 2020, , 521-531.	0.5	0
15	Virtual Rehabilitation System Using Electromyographic Sensors for Strengthening Upper Extremities. Smart Innovation, Systems and Technologies, 2020, , 231-241.	0.5	7
16	Automation of a Lathe to Increase Productivity in the Manufacture of Stems of a Metalworking Company. Communications in Computer and Information Science, 2020, , 244-254.	0.4	3
17	Teaching STEM Competencies Through an Educational Mobile Robot. Lecture Notes in Computer Science, 2020, , 560-573.	1.0	7
18	Prototype System of Geolocation Educational Public Transport Through Google Maps API. Lecture Notes in Computer Science, 2020, , 367-382.	1.0	3

#	ARTICLE	IF	CITATIONS
19	3D Object Reconstruction Using Concatenated Matrices with MS Kinect: A Contribution to Interiors Architecture. Lecture Notes in Computer Science, 2020, , 682-697.	1.0	1
20	Interactive System to Improve the Skills of Children with Dyslexia: A Preliminary Study. Smart Innovation, Systems and Technologies, 2020, , 439-449.	0.5	14
21	Design of an Ergonomic Prototype for Physical Rehabilitation of People with Paraplegia. Advances in Intelligent Systems and Computing, 2020, , 341-353.	0.5	5
22	Wheelchair Controlled by Eye Movement Using Raspberry Pi for ALS Patients. Advances in Intelligent Systems and Computing, 2020, , 124-136.	0.5	1
23	Support Vector Machine as Tool for Classifying Coffee Beverages. Advances in Intelligent Systems and Computing, 2020, , 275-284.	0.5	2
24	Vehicle Locking System Using an Electronic Breathalyzer and Notification by Mobile Communication. Journal of Computational and Theoretical Nanoscience, 2020, 17, 206-215.	0.4	1
25	Prototype of a Low Cost Turbine for the Generation of Clean Energy in the Ecuadorian Amazon. Communications in Computer and Information Science, 2020, , 564-571.	0.4	3
26	Virtual Goniometer Using 3 Space Mocap Sensors for Lower Limbs Evaluation. Advances in Intelligent Systems and Computing, 2020, , 439-448.	0.5	0
27	Comparison Between Fuzzy Control and MPC Algorithms Implemented in Low-Cost Embedded Devices. Advances in Intelligent Systems and Computing, 2020, , 429-438.	0.5	3
28	Virtual Environment Application that Complements the Treatment of Dyslexia (VEATD) in Children. Advances in Intelligent Systems and Computing, 2020, , 330-339.	0.5	4
29	Temperature Controller Using the Takagi-Sugeno-Kang Fuzzy Inference System for an Industrial Heat Treatment Furnace. Lecture Notes in Computer Science, 2020, , 351-366.	1.0	5
30	System for Monitoring and Warning of the Ultraviolet Radiation Index: A Study Case in Ecuador Elementary Schools. Lecture Notes in Computer Science, 2020, , 846-861.	1.0	1
31	Telemetry and Video Surveillance System in a UAV for the Control and Monitoring of Long-Distance Missions. Lecture Notes in Computer Science, 2020, , 666-681.	1.0	0
32	Quality Management System Based on the ISO 9001:2015: Study Case of a Coachwork Company. , 2019, , .		5
33	Electronic System for the Detection of Chicken Eggs Suitable for Incubation Through Image Processing. Advances in Intelligent Systems and Computing, 2019, , 208-218.	0.5	5
34	Implementation of the Quality Management System (ISO 9001: 2015) in the Bodywork Industry. Journal of Information Systems Engineering and Management, 2019, 4, .	0.4	1
35	Interactive System for Monitoring and Control of a Flow Station Using LabVIEW. Advances in Intelligent Systems and Computing, 2018, , 583-592.	0.5	12
36	Interactive System for Hands and Wrist Rehabilitation. Advances in Intelligent Systems and Computing, 2018, , 593-601.	0.5	7

#	ARTICLE	IF	CITATIONS
37	Virtual Reality System for Children Lower Limb Strengthening with the Use of Electromyographic Sensors. Lecture Notes in Computer Science, 2018, , 215-225.	1.0	4
38	MPC Under IEC-61499 Using Low-Cost Devices for Oil Pipeline System. , 2018, , .		5
39	Remote Control and Monitoring of an Academic Station Using a Low-Cost Embedded Device. , 2018, , .		0
40	Implementation of a Fuzzy Controller on Low-Cost Embedded Systems for Learning Process Control. , 2018, , .		0
41	Implementation of fuzzy controller in low cost embedded boards for a flow system. , 2017, , .		2
42	Fuzzy control implementation in low cost CPPS devices. , 2017, , .		10
43	Virtual rehabilitation system for fine motor skills using artificial neural networks. IOP Conference Series: Materials Science and Engineering, 0, 1070, 012054.	0.3	0