# Jorge Luis Buele

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6011300/publications.pdf

Version: 2024-02-01

| 43 | 225 | 1307594 7 | 1125743 13 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 47 | 47 | 47 | 112 |
|---|---|---|---|
| all docs | docs citations | times ranked | 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. | 5.6 | 15 |
| 2 | Memory Diagnostic Application Using the FNAME. Advances in Intelligent Systems and Computing, 2021, , 41-50. | 0.6 | 0 |
| 3 | Construction of a Low-Cost Semi-automatic Machine for Tensile Testing. Communications in Computer and Information Science, 2021, , 225-235. | 0.5 | 1 |
| 4 | Carwash Station Prototype with Automatic Payment Using Intelligent Control Systems. Communications in Computer and Information Science, 2021, , 236-249. | 0.5 | 0 |
| 5 | Smart Home Control System Using Echo Dot. Advances in Intelligent Systems and Computing, 2021, , 303-312. | 0.6 | 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. | 0.6 | 1 |
| 7 | Precision Shooting Training System Using Augmented Reality. Lecture Notes in Computer Science, 2021, , 283-298. | 1.3 | 6 |
| 8 | A Virtual Reality-Based Cognitive Telerehabilitation System for Use in the COVID-19 Pandemic. Sustainability, 2021, 13, 2183. | 3.2 | 23 |
| 9 | Static Reactive Power Compensator Design, Based on Three-Phase Voltage Converter. Energies, 2021, 14, 2198. | 3.1 | 13 |
| 10 | Maintenance Plan Based on TPM for Turbine Recovery Machinery. Journal of Physics: Conference Series, 2021, 1878, 012034. | 0.4 | 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. | 0.4 | 2 |
| 12 | Facial Recognition System for People with and without Face Mask in Times of the COVID-19 Pandemic. Sustainability, 2021, 13, 6900. | 3.2 | 35 |
| 13 | EstandarizaciÃ³n de procesos prioritarios en la recuperaciÃ³n del rodete de una turbina tipo Francis. CienciAmÃ©rica, 2021, 10, 90. | 0.2 | 0 |
| 14 | Virtual Environment for Remote Control of UGVs Using a Haptic Device. Smart Innovation, Systems and Technologies, 2020, , 521-531. | 0.6 | 0 |
| 15 | Virtual Rehabilitation System Using Electromyographic Sensors for Strengthening Upper Extremities. Smart Innovation, Systems and Technologies, 2020, , 231-241. | 0.6 | 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. | 0.5 | 3 |
| 17 | Teaching STEM Competencies Through an Educational Mobile Robot. Lecture Notes in Computer Science, 2020, , 560-573. | 1.3 | 7 |
| 18 | Prototype System of Geolocation Educational Public Transport Through Google Maps API. Lecture Notes in Computer Science, 2020, , 367-382. | 1.3 | 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. | 1.3 | 1 |
| 20 | Interactive System to Improve the Skills of Children with Dyslexia: A Preliminary Study. Smart Innovation, Systems and Technologies, 2020, , 439-449. | 0.6 | 14 |
| 21 | Design of an Ergonomic Prototype for Physical Rehabilitation of People with Paraplegia. Advances in Intelligent Systems and Computing, 2020, , 341-353. | 0.6 | 5 |
| 22 | Wheelchair Controlled by Eye Movement Using Raspberry Pi for ALS Patients. Advances in Intelligent Systems and Computing, 2020, , 124-136. | 0.6 | 1 |
| 23 | Support Vector Machine as Tool for Classifying Coffee Beverages. Advances in Intelligent Systems and Computing, 2020, , 275-284. | 0.6 | 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. | 0.5 | 3 |
| 26 | Virtual Goniometer Using 3 Space Mocap Sensors for Lower Limbs Evaluation. Advances in Intelligent Systems and Computing, 2020, , 439-448. | 0.6 | 0 |
| 27 | Comparison Between Fuzzy Control and MPC Algorithms Implemented in Low-Cost Embedded Devices. Advances in Intelligent Systems and Computing, 2020, , 429-438. | 0.6 | 3 |
| 28 | Virtual Environment Application that Complements the Treatment of Dyslexia (VEATD) in Children. Advances in Intelligent Systems and Computing, 2020, , 330-339. | 0.6 | 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. | 1.3 | 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. | 1.3 | 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. | 1.3 | 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. | 0.6 | 5 |
| 34 | Implementation of the Quality Management System (ISO 9001: 2015) in the Bodywork Industry. Journal of Information Systems Engineering and Management, 2019, 4, . | 0.7 | 1 |
| 35 | Interactive System for Monitoring and Control of a Flow Station Using LabVIEW. Advances in Intelligent Systems and Computing, 2018, , 583-592. | 0.6 | 12 |
| 36 | Interactive System for Hands and Wrist Rehabilitation. Advances in Intelligent Systems and Computing, 2018, , 593-601. | 0.6 | 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. | 1.3 | 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. | 0.6 | 0 |