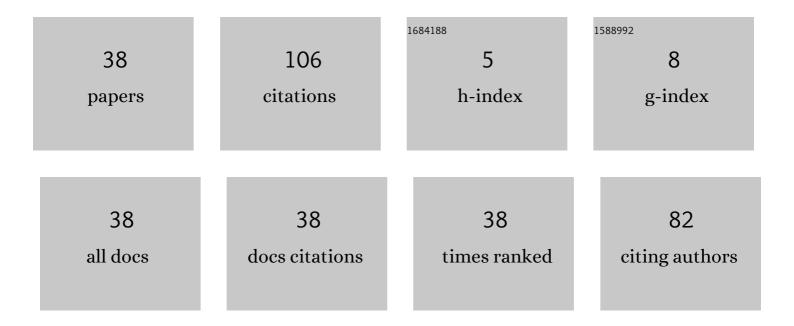
Elyson Ãdan Nunes Carvalho

List of Publications by Year in descending order

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Elyson Ãðan Nunes

#	Article	IF	CITATIONS
1	Two-Layers Workspace: A New Approach to Cooperative Object Transportation With Obstacle Avoidance for Multi-Robot System. IEEE Access, 2022, 10, 6929-6939.	4.2	2
2	Intuitiveness Level: Frustration-Based Methodology for Human–Robot Interaction Gesture Elicitation. IEEE Access, 2022, 10, 17145-17154.	4.2	1
3	Equivalent Circuit Models for SAW Delay Line Sensors. IEEE Sensors Journal, 2022, 22, 11810-11818.	4.7	3
4	Interferential current intensity influences the hypoalgesic response in healthy subjects under mechanically-induced pain: A randomized controlled trial. Physiotherapy Theory and Practice, 2022, , 1-13.	1.3	1
5	FABRIK-R: An Extension Developed Based on FABRIK for Robotics Manipulators. IEEE Access, 2021, 9, 53423-53435.	4.2	4
6	MB-RRT: An Inverse Kinematics Solver of Reduced Dimension. IEEE Access, 2021, 9, 148558-148573.	4.2	1
7	M-FABRIK: A New Inverse Kinematics Approach to Mobile Manipulator Robots Based on FABRIK. IEEE Access, 2020, 8, 208836-208849.	4.2	13
8	Aggressive Motion Planning for a Quadrotor System with Slung Load Based on RRT. , 2020, , .		1
9	Principal Component Analysis (PCA) and Hough Transform as Tool for Simultaneous Localization and Mapping (SLAM) with Sparse and Noisy Sensors. Journal of Integrated Circuits and Systems, 2020, 15, 1-5.	0.4	0
10	Displacer-Type Liquid Level Sensor with Liquid Density Auto-Compensation. Journal of Integrated Circuits and Systems, 2020, 15, 1-5.	0.4	0
11	Single Coil Metal Detector and Classifier Based on Phase Measurement. , 2019, , .		6
12	The Impact of Parametric Uncertainties on Mobile Robots Velocities and Pose Estimation. IEEE Access, 2019, 7, 69070-69086.	4.2	11
13	Forceps Pressure Algometer Based on Load Cell. , 2019, , .		0
14	Analysis of Cross-Cultural Effect on Gesture-Based Human-Robot Interaction. International Journal of Mechanical Engineering and Robotics Research, 2019, , 852-859.	1.0	1
15	Solving Inverse Kinematics of Planar Manipulators with Robustness to Singularities by Reverse Operating Neural Networks. , 2018, , .		1
16	Analysis of the Density and Temperature Invariant Displacer-Type Liquid Level Measuring Method. , 2018, , .		1
17	The Polarized RRT-Edge Approach. , 2018, , .		1
18	FRPSO: Inverse Kinematics Using Fully Resampled Particle Swarm Optimization. , 2018, , .		2

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#	Article	IF	CITATIONS
19	A density and temperature invariant displacer-type liquid level measuring method. , 2018, , .		1
20	Comparison between fuzzy and neural controllers to cross the reality gap in evolutionary robotics. , 2018, , .		1
21	Convolutional structures and marginal statistics–a study based on K-nearest neighbours. Journal of Communication and Information Systems, 2018, 33, 184-190.	0.3	Ο
22	Validation of a New Placebo Interferential Current Method: A New Placebo Method of Electrostimulation. Pain Medicine, 2017, 18, 86-94.	1.9	7
23	A correntropy function based on coincidence detection. Pattern Recognition Letters, 2017, 85, 84-88.	4.2	2
24	Heuristics for the Multi-Robot Worst-Case Pursuit-Evasion Problem. IEEE Access, 2017, 5, 17552-17566.	4.2	8
25	RRT-Edge: A compact approach for path planning of mobile robots. , 2017, , .		1
26	Evolutionary robotics applied to the multi-robot worst-case pursuit-evasion problem. , 2016, , .		1
27	On the minimum probability of classification error through effective cardinality comparison. Journal of Communication and Information Systems, 2016, 31, 304-312.	0.3	Ο
28	Compact RRT: A New Approach for Guided Sampling Applied to Environment Representation and Path Planning in Mobile Robotics. , 2015, , .		5
29	Fault-Tolerant Weld Line Detection Using Image Processing and Fusion of Execution Monitoring Systems. Journal of Control, Automation and Electrical Systems, 2013, 24, 70-80.	2.0	2
30	A Methodology to Designing Strategies for Robot Soccer Based on Discrete Event Systems Formalism. , 2012, , .		5
31	Medição de velocidade angular com alta resolução usando enconders de baixa resolução e PLL. Controle and Automacao, 2010, 21, 616-625.	0.2	0
32	Fault-tolerant weld line detection for automatic inspection of storage tanks based on distance and visual information fusion. , 2009, , .		8
33	Voice codification evaluation based on a real-time training system with tactile feedback applied to deaf people. , 2009, , .		1
34	Subcutaneous fat tissue thickness measurement based on ultrasound. , 2009, , .		3
35	Execution Monitoring Applied to Data Estimation Processes. , 2008, , .		3
36	Ultrasonic Anemometer for the Measurement of Respiratory Flow in the Forced Oscillation Technique. , 2007, , .		1

#	Article	IF	CITATIONS
37	Fillet Weld Identification for Automatic Inspection of Spherical Tanks. Conference Record - IEEE Instrumentation and Measurement Technology Conference, 2007, , .	0.0	7
38	Singularity-Free Inverse Kinematics with Joint Prioritization for Manipulators. Journal of Control, Automation and Electrical Systems, 0, , 1.	2.0	1