

JÃ©s de Jesus Fiais Cerqueira

List of Publications by Year in descending order

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32
papers

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#	ARTICLE	IF	CITATIONS
1	Dynamic Modelling of a Quadrotor Aerial Vehicle with Nonlinear Inputs. , 2008, , .		31
2	Dynamic Modeling with Nonlinear Inputs and Backstepping Control for a Hexarotor Micro-Aerial Vehicle. , 2010, , .		22
3	Using artificial neural network in intrusion detection systems to computer networks. , 2017, , .		20
4	Fuzzy and PI controllers in pumping water system using photovoltaic electric generation. IEEE Latin America Transactions, 2014, 12, 1049-1054.	1.6	14
5	Generation of Trajectories Using Predictive Control for Tracking Consensus with Sensing. Procedia Computer Science, 2012, 10, 1094-1099.	2.0	9
6	Nonlinear trajectory tracking controller for wheeled mobile robots by using a flexible auxiliary law based on slipping and skidding variations. Robotics and Autonomous Systems, 2019, 118, 231-250.	5.1	9
7	Stability Analysis of a Multirotor UAV with Robust Backstepping Controller. , 2014, , .		5
8	I2E: A Cognitive Architecture Based on Emotions for Assistive Robotics Applications. Electronics (Switzerland), 2020, 9, 1590.	3.1	5
9	Recognition of Affective State for Austist from Stereotyped Gestures. , 2016, , .		5
10	Control of Nonholonomic Mobile Bases Supported by Measuring of the Slipping and Skidding Variations. , 2014, , .		4
11	Stereotyped gesture recognition: An analysis between HMM and SVM. , 2017, , .		4
12	Computational model for identifying stereotyped behaviors and determining the activation level of pseudo-autistic. Applied Soft Computing Journal, 2021, 99, 106877.	7.2	4
13	Designing a Real Time Artificial Vision System for Human Interaction with an Omnidirectional Mobile Platform. , 2012, , .		3
14	Control of wheeled mobile robots singularly perturbed by using the slipping and skidding variations: curvilinear coordinates approach (Part I)**The authors would like to thank Instituto Federal de EducaÃ£o, CiÃncia e Tecnologia da Bahia (IFBA) and CoordenaÃ£o de AperfeiÃsoamento de Pessoal de NÃvel Superior (CAPES), all of them of Brazil, for the research grant, financial support and study fellowship.. IFAC-PapersOnLine, 2015, 48, 94-99.	0.9	3
15	Stability analysis for mobile robots with different time-scales based on unsupervised competitive neural networks. , 2017, , .		3
16	Generation of Trajectories Using Predictive Control for Tracking Consensus with Sensing and Connectivity Constraint. Studies in Computational Intelligence, 2014, , 19-37.	0.9	3
17	Simulation of an Artificial Hearing Module for an Assistive Robot. Advances in Intelligent Systems and Computing, 2019, , 852-865.	0.6	3
18	Development of an Intelligent Distributed Management System for Automated Wells (SGPA). , 2002, , .		2

#	ARTICLE	IF	CITATIONS
19	A new methodology to teach electrical engineering using product development projects. , 2012, , .		2
20	Control of wheeled mobile robots singularly perturbed by using the slipping and skidding variations: curvilinear coordinates approach (Part II)**The authors would like to thank Instituto Federal de EducaÃ§Ã£o, CiÃªncia e Tecnologia da Bahia (IFBA) and CoordenaÃ§Ã£o de AperfeiÃ§amento de Pessoal de NÃvel Superior (CAPES), all of them of Brazil, for the research grant, financial support and study fellowship.. IFAC-PapersOnLine, 2015, 48, 100-105.	0.9	2
21	A Review of Emotions in Human-Robot Interaction. , 2021, , .		2
22	Identification of the Dynamical Model in Robotic Systems Using Only Information About the Position. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2000, 33, 699-704.	0.4	1
23	The Berimbot: A Robotic Musical Instrument as an Outreach Tool for the Popularization of Science and Technology. International Journal of Social Robotics, 2017, 9, 251-263.	4.6	1
24	Comments on "intelligent optimal control of robotic manipulator using neural networks" Automatica, 2002, 38, 745.	5.0	0
25	Electric Power System Operation: A Petri Net Approach for Modeling and Control. , 2016, , .		0
26	CONTROL DE VELOCIDAD CON COMPENSACIÃN DE DESLIZAMIENTO EN LAS RUEDAS DE UNA BASE HOLONÃMICA USANDO UN NEUROCONTROLADOR BASADO EN EL MODELO NARMA-L2. , 0, , .		0
27	Modelagem de histerese de atuador SMA baseada em rede neural artificial e controle de posiÃ§Ã£o. , 0, , .		0
28	Novelty Detection Applied in Recognition of Facial Expressions. , 0, , .		0
29	PrediÃ§Ã£o de Pagamento de CartÃ£o de CrÃ©dito com Uso de Ãrvore de DecisÃ£o e Rede Neural.. , 0, , .		0
30	Technique to design MLP networks in CMOS technology with adjustment of the backpropagation algorithm. , 0, , .		0
31	A New Approach to Teach Electrical Engineering Using a Para Didactic Laboratory. , 0, , .		0
32	Development of an Intelligent Distributed Management System for Automated Wells (SGPA). , 0, , .		0