Francisco MartÃ-n

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8675370/publications.pdf

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54	595	933264	752573
papers	citations	10 h-index	20 g-index

58	58	58	649
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Impact of decision-making system in social navigation. Multimedia Tools and Applications, 2022, 81, 3459-3481.	2.6	1
2	Using HPC as a Competitive Advantage in an International Robotics Challenge. Communications in Computer and Information Science, 2021, , 103-114.	0.4	0
3	Semantic 3D Mapping from Deep Image Segmentation. Applied Sciences (Switzerland), 2021, 11, 1953.	1.3	1
4	Measuring Students Acceptance and Usability of a Cloud Virtual Desktop Solution for a Programming Course. Applied Sciences (Switzerland), 2021, 11, 7157.	1.3	5
5	Client-Server Approach for Managing Visual Attention, Integrated in a Cognitive Architecture for a Social Robot. Frontiers in Neurorobotics, 2021, 15, 630386.	1.6	1
6	Defining Adaptive Proxemic Zones for Activity-Aware Navigation. Advances in Intelligent Systems and Computing, 2021, , 3-17.	0.5	6
7	PlanSys2: A Planning System Framework for ROS2. , 2021, , .		12
8	COMBAHO: A deep learning system for integrating brain injury patients in society. Pattern Recognition Letters, 2020, 137, 80-90.	2.6	2
9	A contextâ€awareness model for activity recognition in robotâ€assisted scenarios. Expert Systems, 2020, 37, e12481.	2.9	12
10	Evolution of a Cognitive Architecture for Social Robots: Integrating Behaviors and Symbolic Knowledge. Applied Sciences (Switzerland), 2020, 10, 6067.	1.3	9
11	An Acceptance Test for Assistive Robots. Sensors, 2020, 20, 3912.	2.1	7
12	Depicting probabilistic context awareness knowledge in deliberative architectures. Natural Computing, 2020, , 1.	1.8	0
13	Semantic visual recognition in a cognitive architecture for social robots. Integrated Computer-Aided Engineering, 2020, 27, 301-316.	2.5	7
14	Adapting ROS Logs to Facilitate Transparency and Accountability in Service Robotics. Advances in Intelligent Systems and Computing, 2020, , 587-598.	0.5	5
15	The Marathon 2: A Navigation System. , 2020, , .		95
16	Using Probabilistic Context Awareness in a Deliberative Planner System. Lecture Notes in Computer Science, 2019, , 157-166.	1.0	2
17	Artificial Semantic Memory with Autonomous Learning Applied to Social Robots. Lecture Notes in Computer Science, 2019, , 401-411.	1.0	1
18	People Detection and Tracking Using LIDAR Sensors. Robotics, 2019, 8, 75.	2.1	20

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19	LIDAR-based people detection and tracking for @home Competitions. , 2019, , .		6
20	Social Navigation in a Cognitive Architecture Using Dynamic Proxemic Zones. Sensors, 2019, 19, 5189.	2.1	15
21	Octree-based localization using RGB-D data for indoor robots. Engineering Applications of Artificial Intelligence, 2019, 77, 177-185.	4.3	6
22	Planning-Centered Architecture for RoboCup SSPL @Home. Advances in Intelligent Systems and Computing, 2019, , 287-302.	0.5	1
23	HiMoP: A three-component architecture to create more human-acceptable social-assistive robots. Cognitive Processing, 2018, 19, 233-244.	0.7	20
24	Quantitative analysis of security in distributed robotic frameworks. Robotics and Autonomous Systems, 2018, 100, 95-107.	3.0	28
25	Planning Topological Navigation for Complex Indoor Environments. , 2018, , .		4
26	Neural networks for recognizing human activities in home-like environments. Integrated Computer-Aided Engineering, 2018, 26, 37-47.	2.5	14
27	Generating symbolic representation from sensor data: Inferring knowledge in robotics competitions. , 2018, , .		1
28	Tracking People in a Mobile Robot From 2D LIDAR Scans Using Full Convolutional Neural Networks for Security in Cluttered Environments. Frontiers in Neurorobotics, 2018, 12, 85.	1.6	34
29	Open Source Robotics Course at Engineering: Infrastructure and Methodology. Advances in Intelligent Systems and Computing, 2018, , 214-225.	0.5	0
30	Practical Aspects of Deploying Robotherapy Systems. Advances in Intelligent Systems and Computing, 2018, , 367-378.	0.5	1
31	Dynamics maps for long-term autonomy. , 2017, , .		1
32	Benchmark Dataset for Evaluation of Range-Based People Tracker Classifiers in Mobile Robots. Frontiers in Neurorobotics, 2017, 11, 72.	1.6	11
33	Deep Learning and Bayesian Networks for Labelling User Activity Context Through Acoustic Signals. Lecture Notes in Computer Science, 2017, , 213-222.	1.0	3
34	A Motivational Architecture to Create more Human-Acceptable Assistive Robots for Robotics Competitions. , 2016, , .		2
35	Visual Localization Based on Quadtrees. Advances in Intelligent Systems and Computing, 2016, , 599-610.	0.5	0
36	Analysis and Evaluation of a Low-Cost Robotic Arm for @Home Competitions. Advances in Intelligent Systems and Computing, 2016, , 623-634.	0.5	0

#	Article	IF	Citations
37	Active Visual Perception for Humanoid Robots. International Journal of Humanoid Robotics, 2015, 12, 1550009.	0.6	1
38	Social robots in advanced dementia. Frontiers in Aging Neuroscience, 2015, 7, 133.	1.7	142
39	Recognizing human activity in smart home using deep learning algorithm. , 2014, , .		33
40	MYRABot+: A feasible robotic system for interaction challenges. , 2014, , .		5
41	Multi-modal Active Visual Perception System for SPL Player Humanoid Robot. Advances in Intelligent Systems and Computing, 2014, , 541-556.	0.5	0
42	Robotherapy with Dementia Patients. International Journal of Advanced Robotic Systems, 2013, 10, 10.	1.3	36
43	Comparison of Smart Visual Attention Mechanisms for Humanoid Robots. International Journal of Advanced Robotic Systems, 2012, 9, 233.	1.3	3
44	Effective real-time visual object detection. Progress in Artificial Intelligence, 2012, 1, 259-265.	1.5	2
45	Portable autonomous walk calibration for 4-legged robots. Applied Intelligence, 2012, 36, 136-147.	3.3	1
46	Humanoid Soccer Player Design. , 2010, , .		8
47	Visual Based Localization of a Legged Robot with a Topological Representation. , 2010, , .		1
48	A hybrid approach to fast and accurate localization for legged robots. Robotica, 2008, 26, 817-830.	1.3	5
49	Distributed perception for a group of legged robots. , 2007, , .		0
50	Localization of legged robots combining a fuzzy-Markov method and a population of extended Kalman filters. Robotics and Autonomous Systems, 2007, 55, 870-880.	3.0	15
51	Communications for cooperation: the RoboCup 4-legged passing challenge. , 2006, , .		0
52	Visual Based Localization for a Legged Robot. Lecture Notes in Computer Science, 2006, , 708-715.	1.0	2
53	Impact of libre software tools and methods in the robotics field. , 2005, , .		1
54	Towards explainability in robotics: A performance analysis of a cloud accountability system. Expert Systems, 0, , .	2.9	1