Karinne Ramirez-Amaro

List of Publications by Year
in descending order

29	525	1040056	1372567
papers	citations	9	10
		h-index	g-index

29	29	29	474
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Why Did I Fail? A Causal-Based Method to Find Explanations for Robot Failures. IEEE Robotics and Automation Letters, 2022, 7, 8925-8932.	5.1	10
2	Automated Generation of Robotic Planning Domains from Observations. , 2021, , .		9
3	Augmented Reality interface to verify Robot Learning. , 2020, , .		9
4	Robust Localization with Architectural Floor Plans and Depth Camera. , 2020, , .		5
5	The Robot as Scientist: Using Mental Simulation to Test Causal Hypotheses Extracted from Human Activities in Virtual Reality. , 2020, , .		6
6	A survey on semantic-based methods for the understanding of human movements. Robotics and Autonomous Systems, 2019, 119, 31-50.	5.1	17
7	A Semantic-Based Method for Teaching Industrial Robots New Tasks. KI - Kunstliche Intelligenz, 2019, 33, 117-122.	3.2	10
8	Purposive learning: Robot reasoning about the meanings of human activities. Science Robotics, 2019, 4, .	17.6	21
9	Integration of Robotic Technologies for Rapidly Deployable Robots. IEEE Transactions on Industrial Informatics, 2018, 14, 1691-1700.	11.3	36
10	Transferring skills to humanoid robots by extracting semantic representations from observations of human activities. Artificial Intelligence, 2017, 247, 95-118.	5.8	87
11	Added Value of Gaze-Exploiting Semantic Representation to Allow Robots Inferring Human Behaviors. ACM Transactions on Interactive Intelligent Systems, 2017, 7, 1-30.	3.7	11
12	TOMM: Tactile omnidirectional mobile manipulator. , 2017, , .		34
13	On-line simultaneous learning and recognition of everyday activities from virtual reality performances. , 2017, , .		30
14	General recognition models capable of integrating multiple sensors for different domains. , 2016, , .		4
15	Extracting general task structures to accelerate the learning of new tasks. , 2016, , .		8
16	From multi-modal tactile signals to a compliant control. , 2016, , .		15
17	Robotic technologies for fast deployment of industrial robot systems. , 2016, , .		20
18	Online prediction of activities with structure: Exploiting contextual associations and sequences. , 2015, , .		0

#	Article	IF	Citations
19	Autistic traits and sensitivity to human-like features of robot behavior. Interaction Studies, 2015, 16, 219-248.	0.6	24
20	Robust semantic representations for inferring human co-manipulation activities even with different demonstration styles. , 2015, , .		16
21	Understanding the intention of human activities through semantic perception: observation, understanding and execution on a humanoid robot. Advanced Robotics, 2015, 29, 345-362.	1.8	37
22	Bootstrapping humanoid robot skills by extracting semantic representations of human-like activities from virtual reality. , 2014, , .		11
23	When to engage in interaction &#x2014; And how? EEG-based enhancement of robot's ability to sense social signals in HRI. , 2014, , .		15
24	Automatic segmentation and recognition of human activities from observation based on semantic reasoning. , 2014, , .		21
25	Enhancing human action recognition through spatio-temporal feature learning and semantic rules. , 2013, , .		13
26	Image-Based Learning Approach Applied to Time Series Forecasting. Journal of Applied Research and Technology, 2012, 10, .	0.9	2
27	Imitating human reaching motions using physically inspired optimization principles. , 2011, , .		51
28	Machine Learning Tools to Time Series Forecasting. , 2007, , .		2
29	Recurrence Plot Analysis and its Application to Teleconnection Patterns. , 2006, , .		1