

Karinne Ramirez-Amaro

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

525
citations

1040056

9
h-index

1372567

10
g-index

29
all docs

29
docs citations

29
times ranked

474
citing authors

#	ARTICLE	IF	CITATIONS
1	Transferring skills to humanoid robots by extracting semantic representations from observations of human activities. <i>Artificial Intelligence</i> , 2017, 247, 95-118.	5.8	87
2	Imitating human reaching motions using physically inspired optimization principles. , 2011, , .		51
3	Understanding the intention of human activities through semantic perception: observation, understanding and execution on a humanoid robot. <i>Advanced Robotics</i> , 2015, 29, 345-362.	1.8	37
4	Integration of Robotic Technologies for Rapidly Deployable Robots. <i>IEEE Transactions on Industrial Informatics</i> , 2018, 14, 1691-1700.	11.3	36
5	TOMM: Tactile omnidirectional mobile manipulator. , 2017, , .		34
6	On-line simultaneous learning and recognition of everyday activities from virtual reality performances. , 2017, , .		30
7	Autistic traits and sensitivity to human-like features of robot behavior. <i>Interaction Studies</i> , 2015, 16, 219-248.	0.6	24
8	Automatic segmentation and recognition of human activities from observation based on semantic reasoning. , 2014, , .		21
9	Purposive learning: Robot reasoning about the meanings of human activities. <i>Science Robotics</i> , 2019, 4, .	17.6	21
10	Robotic technologies for fast deployment of industrial robot systems. , 2016, , .		20
11	A survey on semantic-based methods for the understanding of human movements. <i>Robotics and Autonomous Systems</i> , 2019, 119, 31-50.	5.1	17
12	Robust semantic representations for inferring human co-manipulation activities even with different demonstration styles. , 2015, , .		16
13	When to engage in interaction — And how? EEG-based enhancement of robot's ability to sense social signals in HRI. , 2014, , .		15
14	From multi-modal tactile signals to a compliant control. , 2016, , .		15
15	Enhancing human action recognition through spatio-temporal feature learning and semantic rules. , 2013, , .		13
16	Bootstrapping humanoid robot skills by extracting semantic representations of human-like activities from virtual reality. , 2014, , .		11
17	Added Value of Gaze-Exploiting Semantic Representation to Allow Robots Inferring Human Behaviors. <i>ACM Transactions on Interactive Intelligent Systems</i> , 2017, 7, 1-30.	3.7	11
18	A Semantic-Based Method for Teaching Industrial Robots New Tasks. <i>KI - Kunstliche Intelligenz</i> , 2019, 33, 117-122.	3.2	10

#	ARTICLE	IF	CITATIONS
19	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
20	Augmented Reality interface to verify Robot Learning. , 2020, , .		9
21	Automated Generation of Robotic Planning Domains from Observations. , 2021, , .		9
22	Extracting general task structures to accelerate the learning of new tasks. , 2016, , .		8
23	The Robot as Scientist: Using Mental Simulation to Test Causal Hypotheses Extracted from Human Activities in Virtual Reality. , 2020, , .		6
24	Robust Localization with Architectural Floor Plans and Depth Camera. , 2020, , .		5
25	General recognition models capable of integrating multiple sensors for different domains. , 2016, , .		4
26	Machine Learning Tools to Time Series Forecasting. , 2007, , .		2
27	Image-Based Learning Approach Applied to Time Series Forecasting. Journal of Applied Research and Technology, 2012, 10, .	0.9	2
28	Recurrence Plot Analysis and its Application to Teleconnection Patterns. , 2006, , .		1
29	Online prediction of activities with structure: Exploiting contextual associations and sequences. , 2015, , .		0