

MÃƒrten BjÃƒrkman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11546602/publications.pdf>

Version: 2024-02-01

21
papers

476
citations

1478505

6
h-index

1588992

8
g-index

21
all docs

21
docs citations

21
times ranked

493
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Movement Datasets: An Interdisciplinary Scoping Review. ACM Computing Surveys, 2023, 55, 1-29.	23.0	7
2	Combining Planning and Learning of Behavior Trees for Robotic Assembly. , 2022, , .		12
3	Human-Centered Collaborative Robots With Deep Reinforcement Learning. IEEE Robotics and Automation Letters, 2021, 6, 566-571.	5.1	41
4	Coordinating With a Robot Partner Affects Neural Processing Related to Action Monitoring. Frontiers in Neurorobotics, 2021, 15, 686010.	2.8	4
5	Bridging the gap between emotion and joint action. Neuroscience and Biobehavioral Reviews, 2021, 131, 806-833.	6.1	14
6	Bayesian Meta-Learning for Few-Shot Policy Adaptation Across Robotic Platforms. , 2021, , .		9
7	Impact of Trajectory Generation Methods on Viewer Perception of Robot Approaching Group Behaviors. , 2020, , .		10
8	Imitating by Generating: Deep Generative Models for Imitation of Interactive Tasks. Frontiers in Robotics and AI, 2020, 7, 47.	3.2	15
9	Amortized Variational Inference for Road Friction Estimation. , 2020, , .		0
10	Deep predictive policy training using reinforcement learning. , 2017, , .		67
11	A sensorimotor reinforcement learning framework for physical Human-Robot Interaction. , 2016, , .		34
12	Detecting, segmenting and tracking unknown objects using multi-label MRF inference. Computer Vision and Image Understanding, 2014, 118, 111-127.	4.7	38
13	Interactive object classification using sensorimotor contingencies. , 2013, , .		9
14	Enhancing visual perception of shape through tactile glances. , 2013, , .		80
15	Integrating 3D features and virtual visual servoing for hand-eye and humanoid robot pose estimation. , 2013, , .		4
16	YES - YEt another object segmentation: Exploiting camera movement. , 2012, , .		3
17	Generating object hypotheses in natural scenes through human-robot interaction. , 2011, , .		8
18	Strategies for multi-modal scene exploration. , 2010, , .		15

#	ARTICLE	IF	CITATIONS
19	Active 3D Segmentation through Fixation of Previously Unseen Objects. , 2010, , .		12
20	Vision in the real world: Finding, attending and recognizing objects. International Journal of Imaging Systems and Technology, 2006, 16, 189-208.	4.1	19
21	Vision for robotic object manipulation in domestic settings. Robotics and Autonomous Systems, 2005, 52, 85-100.	5.1	75