

Moritz Tenorth

List of Publications by Year in descending order

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27
papers

1,965
citations

840776

11
h-index

1199594

12
g-index

27
all docs

27
docs citations

27
times ranked

1391
citing authors

#	ARTICLE	IF	CITATIONS
1	RoboEarth. IEEE Robotics and Automation Magazine, 2011, 18, 69-82.	2.0	381
2	KnowRob: A knowledge processing infrastructure for cognition-enabled robots. International Journal of Robotics Research, 2013, 32, 566-590.	8.5	283
3	KNOWROB — knowledge processing for autonomous personal robots. , 2009, , .		186
4	Robotic roommates making pancakes. , 2011, , .		143
5	CRAM — A Cognitive Robot Abstract Machine for everyday manipulation in human environments. , 2010, , .		115
6	Representations for robot knowledge in the KnowRob framework. Artificial Intelligence, 2017, 247, 151-169.	5.8	114
7	RoboEarth Semantic Mapping: A Cloud Enabled Knowledge-Based Approach. IEEE Transactions on Automation Science and Engineering, 2015, 12, 432-443.	5.2	84
8	Understanding and executing instructions for everyday manipulation tasks from the World Wide Web. , 2010, , .		83
9	Representation and Exchange of Knowledge About Actions, Objects, and Environments in the RoboEarth Framework. IEEE Transactions on Automation Science and Engineering, 2013, 10, 643-651.	5.2	79
10	Web-Enabled Robots. IEEE Robotics and Automation Magazine, 2011, 18, 58-68.	2.0	77
11	The RoboEarth language: Representing and exchanging knowledge about actions, objects, and environments. , 2012, , .		67
12	KNOWROB-MAP - knowledge-linked semantic object maps. , 2010, , .		54
13	Semantic Object Maps for robotic housework - representation, acquisition and use. , 2012, , .		53
14	Cognition-Enabled Autonomous Robot Control for the Realization of Home Chore Task Intelligence. Proceedings of the IEEE, 2012, 100, 2454-2471.	21.3	48
15	Towards performing everyday manipulation activities. Robotics and Autonomous Systems, 2010, 58, 1085-1095.	5.1	32
16	Towards automated models of activities of daily life. Technology and Disability, 2010, 22, 27-40.	0.6	28
17	Combining perception and knowledge processing for everyday manipulation. , 2010, , .		26
18	Building knowledge-enabled cloud robotics applications using the ubiquitous network robot platform. , 2013, , .		18

#	ARTICLE	IF	CITATIONS
19	Putting People's Common Sense into Knowledge Bases of Household Robots. Lecture Notes in Computer Science, 2010, , 151-159.	1.3	16
20	A unified representation for reasoning about robot actions, processes, and their effects on objects. , 2012, , .		14
21	Learning organizational principles in human environments. , 2012, , .		14
22	Knowledge Processing for Cognitive Robots. KI - Kunstliche Intelligenz, 2010, 24, 233-240.	3.2	13
23	Creating and using RoboEarth object models. , 2012, , .		12
24	Open-EASE: A Cloud-Based Knowledge Service for Autonomous Learning. KI - Kunstliche Intelligenz, 2015, 29, 407-411.	3.2	11
25	Learning probability distributions over partially-ordered human everyday activities. , 2013, , .		10
26	Automated alignment of specifications of everyday manipulation tasks. , 2013, , .		4
27	An overview of the KnowRob project. , 2015, , .		0