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List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

403
citations

1307594

7
h-index

1281871

11
g-index

29
all docs

29
docs citations

29
times ranked

376
citing authors

#	ARTICLE	IF	CITATIONS
1	Closed-Loop Inverse Kinematics for Redundant Robots: Comparative Assessment and Two Enhancements. IEEE/ASME Transactions on Mechatronics, 2015, 20, 944-955.	5.8	97
2	External force estimation during compliant robot manipulation. , 2013, , .		69
3	A friction-model-based framework for Reinforcement Learning of robotic tasks in non-rigid environments. , 2015, , .		39
4	Dimensionality Reduction for Dynamic Movement Primitives and Application to Bimanual Manipulation of Clothes. IEEE Transactions on Robotics, 2018, 34, 602-615.	10.3	39
5	Redundant inverse kinematics: Experimental comparative review and two enhancements. , 2012, , .		29
6	Realtime tracking and grasping of a moving object from range video. , 2014, , .		23
7	Dimensionality reduction for probabilistic movement primitives. , 2014, , .		20
8	Robot motion adaptation through user intervention and reinforcement learning. Pattern Recognition Letters, 2018, 105, 67-75.	4.2	13
9	Dimensionality reduction and motion coordination in learning trajectories with Dynamic Movement Primitives. , 2014, , .		12
10	Task-Adaptive Robot Learning From Demonstration With Gaussian Process Models Under Replication. IEEE Robotics and Automation Letters, 2021, 6, 966-973.	5.1	11
11	Exploiting Symmetries in Reinforcement Learning of Bimanual Robotic Tasks. IEEE Robotics and Automation Letters, 2019, 4, 1838-1845.	5.1	9
12	Perturbation-Based Stiffness Inference in Variable Impedance Control. IEEE Robotics and Automation Letters, 2022, 7, 8823-8830.	5.1	8
13	Dimensionality Reduction in Learning Gaussian Mixture Models of Movement Primitives for Contextualized Action Selection and Adaptation. IEEE Robotics and Automation Letters, 2018, 3, 3922-3929.	5.1	7
14	Sample-Efficient Robot Motion Learning using Gaussian Process Latent Variable Models. , 2020, , .		7
15	Dual REPS: A Generalization of Relative Entropy Policy Search Exploiting Bad Experiences. IEEE Transactions on Robotics, 2017, 33, 978-985.	10.3	6
16	User Evaluation of an Interactive Learning Framework for Single-Arm and Dual-Arm Robots. Lecture Notes in Computer Science, 2016, , 52-61.	1.3	6
17	Reinforcement Learning of Bimanual Robot Skills. Springer Tracts in Advanced Robotics, 2020, , .	0.4	5
18	Contextual Policy Search for Micro-Data Robot Motion Learning through Covariate Gaussian Process Latent Variable Models. , 2020, , .		2

#	ARTICLE	IF	CITATIONS
19	Reward-Weighted GMM and Its Application to Action-Selection in Robotized Shoe Dressing. <i>Advances in Intelligent Systems and Computing</i> , 2018, , 141-152.	0.6	1
20	A topological extension of movement primitives for curvature modulation and sampling of robot motion. <i>Autonomous Robots</i> , 2021, 45, 725-735.	4.8	0
21	Positioning Two Redundant Arms for Cooperative Manipulation of Objects. <i>Mechanisms and Machine Science</i> , 2014, , 121-129.	0.5	0
22	Dimensionality Reduction with Movement Primitives. <i>Springer Tracts in Advanced Robotics</i> , 2020, , 109-146.	0.4	0
23	Robot Compliant Control. <i>Springer Tracts in Advanced Robotics</i> , 2020, , 53-72.	0.4	0
24	Inverse Kinematics and Relative Arm Positioning. <i>Springer Tracts in Advanced Robotics</i> , 2020, , 25-52.	0.4	0