

Odest Jenkins

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,387
citations

759055

12
h-index

887953

17
g-index

48
all docs

48
docs citations

48
times ranked

1191
citing authors

#	ARTICLE	IF	CITATIONS
1	Elephants Donâ€™t Pack Groceries: Robot Task Planning for Low Entropy Belief States. IEEE Robotics and Automation Letters, 2022, 7, 25-32.	3.3	5
2	Composable Causality in Semantic Robot Programming. , 2022, , .		0
3	Topologically-Informed Atlas Learning. , 2022, , .		0
4	LIT: Light-field Inference of Transparency for Refractive Object Localization. IEEE Robotics and Automation Letters, 2020, , 1-1.	3.3	6
5	GeoFusion: Geometric Consistency Informed Scene Estimation in Dense Clutter. IEEE Robotics and Automation Letters, 2020, 5, 5913-5920.	3.3	9
6	Semantic Linking Maps for Active Visual Object Search. , 2020, , .		28
7	TSBP: Tangent Space Belief Propagation for Manifold Learning. IEEE Robotics and Automation Letters, 2020, 5, 6694-6701.	3.3	0
8	Factored Pose Estimation of Articulated Objects using Efficient Nonparametric Belief Propagation. , 2019, , .		19
9	Learning Behavior Trees From Demonstration. , 2019, , .		35
10	Efficient nonparametric belief propagation for pose estimation and manipulation of articulated objects. Science Robotics, 2019, 4, .	9.9	13
11	ClassLoc: Plenoptic Grasp Pose Detection in Transparent Clutter. , 2019, , .		15
12	GRIP: Generative Robust Inference and Perception for Semantic Robot Manipulation in Adversarial Environments. , 2019, , .		17
13	Semantic Mapping with Simultaneous Object Detection and Localization. , 2018, , .		21
14	Plenoptic Monte Carlo Object Localization for Robot Grasping Under Layered Translucency. , 2018, , .		11
15	Semantic Robot Programming for Goal-Directed Manipulation in Cluttered Scenes. , 2018, , .		19
16	Affordance Wayfields for Task and Motion Planning. , 2018, , .		5
17	Gemsketch: Interactive Image-Guided Geometry Extraction from Point Clouds. , 2018, , .		1
18	Goal-directed robot manipulation through axiomatic scene estimation. International Journal of Robotics Research, 2017, 36, 86-104.	5.8	20

#	ARTICLE	IF	CITATIONS
19	Interactive Task Learning. IEEE Intelligent Systems, 2017, 32, 6-21.	4.0	50
20	SUM: Sequential scene understanding and manipulation. , 2017, , .		20
21	Physically plausible scene estimation for manipulation in clutter. , 2016, , .		9
22	Robust graph SLAM in dynamic environments with moving landmarks. , 2015, , .		5
23	Axiomatic particle filtering for goal-directed robotic manipulation. , 2015, , .		17
24	Robot Web Tools: Efficient messaging for cloud robotics. , 2015, , .		53
25	Dynamical Simulation Priors for Human Motion Tracking. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 52-65.	9.7	18
26	Estimation of human core temperature from sequential heart rate observations. Physiological Measurement, 2013, 34, 781-798.	1.2	171
27	RoboFrameNet: Verb-centric semantics for actions in robot middleware. , 2012, , .		18
28	PR2 Remote Lab: An environment for remote development and experimentation. , 2012, , .		28
29	Remote Robotic Laboratories for Learning from Demonstration. International Journal of Social Robotics, 2012, 4, 449-461.	3.1	24
30	A Self-Training Approach for Visual Tracking and Recognition of Complex Human Activity Patterns. International Journal of Computer Vision, 2012, 99, 166-189.	10.9	21
31	Robots as web services: Reproducible experimentation and application development using rosjs. , 2011, , .		33
32	Incremental learning of subtasks from unsegmented demonstration. , 2010, , .		60
33	The Seventeenth Annual AAAI Robot Exhibition and Manipulation and Mobility Workshop. AI Magazine, 2009, 30, 95.	1.4	1
34	The AAAI 2008 Robotics and Creativity Workshop. AI Magazine, 2009, 30, 103.	1.4	0
35	Modeling Aspects of Theory of Mind with Markov Random Fields. International Journal of Social Robotics, 2009, 1, 41-51.	3.1	26
36	Sparse control for high-DOF assistive robots. Intelligent Service Robotics, 2008, 1, 135-141.	1.6	5

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37	Autonomous biconnected networks of mobile robots. , 2008, , .		9
38	Sparse incremental learning for interactive robot control policy estimation. , 2008, , .		41
39	Neighborhood denoising for learning high-dimensional grasping manifolds. , 2008, , .		11
40	INTERACTIVE HUMAN POSE AND ACTION RECOGNITION USING DYNAMICAL MOTION PRIMITIVES. International Journal of Humanoid Robotics, 2007, 04, 365-385.	0.6	18
41	Dogged Learning for Robots. Proceedings - IEEE International Conference on Robotics and Automation, 2007, , .	0.0	69
42	Learning robot soccer skills from demonstration. , 2007, , .		19
43	Multi-robot belief propagation for distributed robot allocation. , 2007, , .		9
44	Dynamic humanoid balance through inertial control. , 2007, , .		2
45	2D Subspaces for Sparse Control of High-DOF Robots. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0
46	PERFORMANCE-DERIVED BEHAVIOR VOCABULARIES: DATA-DRIVEN ACQUISITION OF SKILLS FROM MOTION. International Journal of Humanoid Robotics, 2004, 01, 237-288.	0.6	75
47	A spatio-temporal extension to Isomap nonlinear dimension reduction. , 2004, , .		117
48	Automated Derivation of Primitives for Movement Classification. Autonomous Robots, 2002, 12, 39-54.	3.2	234