

Romeil Sandhu

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

206
citations

1684188

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h-index

1872680

6
g-index

17
all docs

17
docs citations

17
times ranked

189
citing authors

#	ARTICLE	IF	CITATIONS
1	Point Set Registration via Particle Filtering and Stochastic Dynamics. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2010, 32, 1459-1473.	13.9	86
2	A Geometric Approach to Joint 2D Region-Based Segmentation and 3D Pose Estimation Using a 3D Shape Prior. SIAM Journal on Imaging Sciences, 2010, 3, 110-132.	2.2	25
3	A Nonrigid Kernel-Based Framework for 2D-3D Pose Estimation and 2D Image Segmentation. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2011, 33, 1098-1115.	13.9	21
4	Non-rigid 2D-3D pose estimation and 2D image segmentation. , 2009, , .		19
5	A Communication-Efficient Multi-Agent Actor-Critic Algorithm for Distributed Reinforcement Learning. , 2019, , .		18
6	Particle filters and occlusion handling for rigid 2D-3D pose tracking. Computer Vision and Image Understanding, 2013, 117, 922-933.	4.7	16
7	Toward Resilient Multi-Agent Actor-Critic Algorithms for Distributed Reinforcement Learning. , 2020, , .		6
8	Guiding Image Segmentation on the Fly: Interactive Segmentation From a Feedback Control Perspective. IEEE Transactions on Automatic Control, 2018, 63, 3276-3289.	5.7	5
9	Maxwell's Demon: Controlling Entropy via Discrete Ricci Flow over Networks. Springer Proceedings in Complexity, 2020, , 127-138.	0.3	5
10	Non-rigid 2D-3D pose estimation and 2D image segmentation. , 2009, , .		2
11	Monte Carlo sampling for visual pose tracking. , 2011, , .		1
12	Dependently Coupled Principal Component Analysis for Bivariate Inversion Problems. , 2021, 2020, .		1
13	Directionally Paired Principal Component Analysis for Bivariate Estimation Problems. , 2021, 2020, .		1
14	Statistical shape learning for 3D tracking. , 2009, , .		0
15	Machine Learning for Joint Classification and Segmentation. Lecture Notes in Control and Information Sciences - Proceedings, 2018, , 327-339.	0.1	0
16	An Interactive Control Approach to 3D Shape Reconstruction. , 2020, , .		0
17	Radar-Based Shape and Reflectivity Reconstruction Using Active Surfaces and the Level Set Method. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-1.	13.9	0