

Luca Scimeca

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

444
citations

1307594

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1372567

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g-index

18
all docs

18
docs citations

18
times ranked

371
citing authors

#	ARTICLE	IF	CITATIONS
1	Action Augmentation of Tactile Perception for Soft-Body Palpation. <i>Soft Robotics</i> , 2022, 9, 280-292.	8.0	17
2	Online Morphological Adaptation for Tactile Sensing Augmentation. <i>Frontiers in Robotics and AI</i> , 2021, 8, 665030.	3.2	8
3	An Abdominal Phantom With Tunable Stiffness Nodules and Force Sensing Capability for Palpation Training. <i>IEEE Transactions on Robotics</i> , 2021, 37, 1051-1064.	10.3	11
4	Comparative Analysis of Model-Based Predictive Shared Control for Delayed Operation in Object Reaching and Recognition Tasks With Tactile Sensing. <i>Frontiers in Robotics and AI</i> , 2021, 8, 730946.	3.2	8
5	Flexible, adaptive industrial assembly: driving innovation through competition. <i>Intelligent Service Robotics</i> , 2020, 13, 169-178.	2.6	9
6	Structuring of tactile sensory information for category formation in robotics palpation. <i>Autonomous Robots</i> , 2020, 44, 1377-1393.	4.8	12
7	Gaussian process inference modelling of dynamic robot control for expressive piano playing. <i>PLoS ONE</i> , 2020, 15, e0237826.	2.5	6
8	Efficient Bayesian Exploration for Soft Morphology-Action Co-optimization. , 2020, , .		8
9	Self-supervised Learning Through Scene Observation for Selective Item Identification in Conveyor Belt Systems. <i>Lecture Notes in Computer Science</i> , 2020, , 171-183.	1.3	0
10	Gaussian process inference modelling of dynamic robot control for expressive piano playing. , 2020, 15, e0237826.		0
11	Gaussian process inference modelling of dynamic robot control for expressive piano playing. , 2020, 15, e0237826.		0
12	Gaussian process inference modelling of dynamic robot control for expressive piano playing. , 2020, 15, e0237826.		0
13	Gaussian process inference modelling of dynamic robot control for expressive piano playing. , 2020, 15, e0237826.		0
14	Non-Destructive Robotic Assessment of Mango Ripeness via Multi-Point Soft Haptics. , 2019, , .		15
15	Model-Free Soft-Structure Reconstruction for Proprioception Using Tactile Arrays. <i>IEEE Robotics and Automation Letters</i> , 2019, 4, 2479-2484.	5.1	32
16	Achieving Robotically Peeled Lettuce. <i>IEEE Robotics and Automation Letters</i> , 2018, 3, 4337-4342.	5.1	10
17	Soft morphological processing of tactile stimuli for autonomous category formation. , 2018, , .		18
18	An Anatomically Constrained Model for Path Integration in the Bee Brain. <i>Current Biology</i> , 2017, 27, 3069-3085.e11.	3.9	290