Luca Scimeca

List of Publications by Year
in descending order

		1307594	1372567
18 papers	**444** citations	**7** h-index	**10** g-index
18 all docs	**18** docs citations	**18** times ranked	**371** citing authors

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