Takato Horii

List of Publications by Year
in descending order

18	217	1307594 7	1199594 12
papers	citations	h-index	g-index

18	18	18	246
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Automated Microhand System for Measuring Cell Stiffness By Using Two Plate End-Effectors. IEEE Robotics and Automation Letters, 2022, 7, 2385-2390.	5.1	2
2	Editorial: Language and Robotics. Frontiers in Robotics and AI, 2021, 8, 674832.	3.2	2
3	Temperament estimation of toddlers from childâ€“robot interaction with explainable artificial intelligence. Advanced Robotics, 2021, 35, 1068-1077.	1.8	3
4	A framework of explanation generation toward reliable autonomous robots. Advanced Robotics, 2021, 35, 1054-1067.	1.8	6
5	Active Inference Through Energy Minimization in Multimodal Affective Humanâ€“Robot Interaction. Frontiers in Robotics and AI, 2021, 8, 684401.	3.2	7
6	Explainable Temperament Estimation of Toddlers by a Childcare Robot. , 2020, , .		6
7	Soft Inductive Tactile Sensor Using Flow-Channel Enclosing Liquid Metal. IEEE Robotics and Automation Letters, 2020, 5, 4028-4034.	5.1	20
8	An Information Theoretic Approach to Reveal the Formation of Shared Representations. Frontiers in Computational Neuroscience, 2020, 14, 1.	2.1	17
9	Neuro-SERKET: Development of Integrative Cognitive System Through the Composition of Deep Probabilistic Generative Models. New Generation Computing, 2020, 38, 23-48.	3.3	30
10	Integrated Cognitive Architecture for Robot Learning of Action and Language. Frontiers in Robotics and AI, 2019, 6, 131.	3.2	11
11	Modeling Development of Multimodal Emotion Perception Guided by Tactile Dominance and Perceptual Improvement. IEEE Transactions on Cognitive and Developmental Systems, 2018, 10, 762-775.	3.8	18
12	Flexible Tri-Axis Tactile Sensor Using Spiral Inductor and Magnetorheological Elastomer. IEEE Sensors Journal, 2018, 18, 5834-5841.	4.7	56
13	Size dependency in sensor response of a flexible tactile sensor based on inductance measurement. , 2017, , .		11
14	Imitation of human expressions based on emotion estimation by mental simulation. Paladyn, 2016, 7, .	2.7	13
15	Contact force estimation from flexible tactile sensor values considering hysteresis by Gaussian process. , 2014, , .		2
16	Design and preliminary evaluation of the vocal cords and articulator of an infant-like vocal robot "Lingua". , 2014, , .		7
17	Compensation for tactile hysteresis using Gaussian process with sensory Markov property. , 2014, , .		4
18	Touch and emotion: Modeling of developmental differentiation of emotion lead by tactile dominance. , 2013, , .		2