Taekyoung Kim

List of Publications by Year
in descending order

9 papers	403 citations	1684188 5 h-index	1872680 6 g-index
9 all docs	9 docs citations	9 times ranked	425 citing authors

#	ARTICLE	IF	CITATIONS
1	Heterogeneous sensing in a multifunctional soft sensor for human-robot interfaces. Science Robotics, 2020, 5, .	17.6	108
2	Review of machine learning methods in soft robotics. PLoS ONE, 2021, 16, e0246102.	2.5	105
3	Use of Deep Learning for Characterization of Microfluidic Soft Sensors. IEEE Robotics and Automation Letters, 2018, 3, 873-880.	5.1	101
4	Soft Inflatable Sensing Modules for Safe and Interactive Robots. IEEE Robotics and Automation Letters, 2018, 3, 3216-3223.	5.1	44
5	A Soft Three-Axis Load Cell Using Liquid-Filled Three-Dimensional Microchannels in a Highly Deformable Elastomer. IEEE Robotics and Automation Letters, 2018, 3, 881-887.	5.1	21
6	Biomimetic Soft Airflow Sensor with Printed Ionogel Conductor. , 2019, , .		10
7	Design of a Lightweight Inflatable Sensing Sleeve for Increased Adaptability and Safety of Legged Robots. , 2019, , .		6
8	Smart Skin: Vision-Based Soft Pressure Sensing System for In-Home Hand Rehabilitation. Soft Robotics, 2022, 9, 473-485.	8.0	6
9	Design of a soft 3-axis load cell for human-robot interactions. , 2017, , .		2