Dong-Soo Choi

List of Publications by Year
in descending order

21	178	1163117 8	1125743 13
papers	citations	h-index	g-index

21	21	21	202
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bio-Inspired Soft Robotics: Tunable Photo-Actuation Behavior of Azo Chromophore Containing Liquid Crystalline Elastomers. Applied Sciences (Switzerland), 2021, 11, 1233.	2.5	9
2	Soft bidirectional haptic I/O module based on bi-convex patterned PVC gel. Smart Materials and Structures, 2021, 30, 045007.	3.5	2
3	Electrically Adaptive and Shape-Changeable Invertible Microlens. ACS Applied Materials & Interfaces, 2021, 13, 10397-10408.	8.0	5
4	Polypyrrole-Based Metal Nanocomposite Electrode Materials for High-Performance Supercapacitors. Metals, 2021, 11, 905.	2.3	14
5	Testing and evaluation of electro- vari-focal/chromic lens. Smart Materials and Structures, 2021, 30, 095010.	3.5	0
6	Flexible Vibrotactile Actuator Based on Dielectric Elastomer for Smart Handheld Devices. Applied Sciences (Switzerland), 2021, 11, 12020.	2.5	6
7	Transparent and Soft Haptic Actuator for Interaction With Flexible/Deformable Devices. IEEE Access, 2020, 8, 170853-170861.	4.2	8
8	Beyond Human Hand: Shape-Adaptive and Reversible Magnetorheological Elastomer-Based Robot Gripper Skin. ACS Applied Materials & Interfaces, 2020, 12, 44147-44155.	8.0	21
9	A Tiny Haptic Knob Based on Magnetorheological Fluids. Applied Sciences (Switzerland), 2020, 10, 5118.	2.5	12
10	Development of Haptic Stylus for Manipulating Virtual Objects in Mobile Devices. Actuators, 2020, 9, 30.	2.3	1
11	Design of Wavy Ag Microwire Array for Mechanically Stable, Multimodal Vibrational Haptic Interface. Advanced Functional Materials, 2019, 29, 1902703.	14.9	7
12	Frequency based tactile rendering method for pin-array tactile devices. Journal of Ambient Intelligence and Humanized Computing, 2019, , 1.	4.9	2
13	Transparent Film-Type Vibrotactile Actuator Array and Its Haptic Rendering Using Beat Phenomenon. Sensors, 2019, 19, 3490.	3.8	8
14	Conceptual Design of Soft Thin Self-sensing Vibrotactile Actuator. Lecture Notes in Electrical Engineering, 2019, , 226-228.	0.4	0
15	Affordable Drilling Interface for Haptic Interaction in Virtual Environment. , 2019, , .		4
16	Wavy Silicone Rubber Based Flexible Vibrotactile Actuator. , 2019, , .		0
17	Conceptual Design of Soft and Transparent Vibrotactile Actuator. Lecture Notes in Electrical Engineering, 2019, , 229-232.	0.4	1
18	Transparent and Soft Vibrotactile Actuator Based on Silicone Rubber. , 2019, , .		0

#	Article	IF	Citations
19	Design of a Multi-Functional Module for Visually Impaired Persons. International Journal of Precision Engineering and Manufacturing, 2018, 19, 1745-1751.	2.2	1
20	High-Performance PVC Gel for Adaptive Micro-Lenses with Variable Focal Length. Scientific Reports, 2017, 7, 2068.	3.3	45
21	Focus-tunable double convex lens based on non-ionic electroactive gel. Optics Express, 2017, 25, 20133.	3.4	32