Eun-Jae Shin

List of Publications by Year
in descending order

13 papers	278 citations	1040056 9 h-index	1199594 12 g-index
13 all docs	13 docs citations	13 times ranked	231 citing authors

#	Article	IF	Citations
1	High-Performance PVC Gel for Adaptive Micro-Lenses with Variable Focal Length. Scientific Reports, 2017, 7, 2068.	3.3	45
2	Eco-friendly plasticized poly(vinyl chloride)–acetyl tributyl citrate gels for varifocal lens. RSC Advances, 2015, 5, 94919-94925.	3.6	34
3	Fabrication and evaluation of variable focus and large deformation plano-convex microlens based on non-ionic poly(vinyl chloride)/dibutyl adipate gels. Smart Materials and Structures, 2015, 24, 115006.	3.5	33
4	Focus-tunable double convex lens based on non-ionic electroactive gel. Optics Express, 2017, 25, 20133.	3.4	32
5	Development of a flexible and bendable vibrotactile actuator based on wave-shaped poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Structures, 2016, 25, 115020.	3.5	31
6	Soft Haptic Actuator Based on Knitted PVC Gel Fabric. IEEE Transactions on Industrial Electronics, 2020, 67, 677-685.	7.9	29
7	An Enhanced Soft Vibrotactile Actuator Based on ePVC Gel with Silicon Dioxide Nanoparticles. IEEE Transactions on Haptics, 2018, 11, 22-29.	2.7	27
8	Fabrication of a High-Performance Bending Actuator Made with a PVC Gel. Applied Sciences (Switzerland), 2018, 8, 1284.	2.5	21
9	Enhanced Design of a Soft Thin-Film Vibrotactile Actuator Based on PVC Gel. Applied Sciences (Switzerland), 2017, 7, 972.	2.5	10
10	Development of an Electrostatic Beat Module for Various Tactile Sensations in Touch Screen Devices. Applied Sciences (Switzerland), 2019, 9, 1229.	2.5	6
11	Development of solvent-free green PVC gel based varifocal micro-lens. Smart Materials and Structures, 2020, 29, 085049.	3.5	6
12	Flexible Vibrotactile Actuator Based on Soft PVC Gel Embedded Polyaniline/Silicon Dioxide Nanoparticles. IEEE Access, 2020, 8, 122057-122064.	4.2	4
13	A Review: All Solid-state Electroactive Polymer-based Tunable Lens. The Journal of Korea Robotics Society, 2021, 16, 41-48.	0.4	0