Younghoon Lee

List of Publications by Year
in descending order

14	993	759233 12	1058476 14
papers	citations	h-index	g-index

14	14	14	1384
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transparent and attachable ionic communicators based on self-cleanable triboelectric nanogenerators. Nature Communications, 2018, 9, 1804.	12.8	221
2	Hydrogel soft robotics. Materials Today Physics, 2020, 15, 100258.	6.0	216
3	An Ultrasensitive, Viscoâ€Poroelastic Artificial Mechanotransducer Skin Inspired by Piezo2 Protein in Mammalian Merkel Cells. Advanced Materials, 2017, 29, 1605973.	21.0	147
4	Accelerated wound healing with an ionic patch assisted by a triboelectric nanogenerator. Nano Energy, 2021, 79, 105463.	16.0	104
5	Stitchable organic photovoltaic cells with textile electrodes. Nano Energy, 2014, 9, 88-93.	16.0	82
6	Cam-based sustainable triboelectric nanogenerators with a resolution-free 3D-printed system. Nano Energy, 2017, 38, 326-334.	16.0	50
7	Kinematic design for high performance triboelectric nanogenerators with enhanced working frequency. Nano Energy, 2016, 21, 19-25.	16.0	40
8	Ionic spiderwebs. Science Robotics, 2020, 5, .	17.6	38
9	Aromatic nonpolar organogels for efficient and stable perovskite green emitters. Nature Communications, 2020, 11, 4638.	12.8	28
10	Mesoporous Highly-Deformable Composite Polymer for a Gapless Triboelectric Nanogenerator via a One-Step Metal Oxidation Process. Micromachines, 2018, 9, 656.	2.9	25
11	Triboresistive Touch Sensing: Gridâ€Free Touchâ€Point Recognition Based on Monolayered Ionic Power Generators. Advanced Materials, 2022, 34, e2108586.	21.0	24
12	Soft artificial electroreceptors for noncontact spatial perception. Science Advances, 2021, 7, eabg9203.	10.3	16
13	Artificial Skin: An Ultrasensitive, Viscoâ€Poroelastic Artificial Mechanotransducer Skin Inspired by Piezo2 Protein in Mammalian Merkel Cells (Adv. Mater. 13/2017). Advanced Materials, 2017, 29, .	21.0	1
14	Triboresistive Touch Sensing: Gridâ€Free Touchâ€Point Recognition Based on Monolayered Ionic Power Generators (Adv. Mater. 19/2022). Advanced Materials, 2022, 34, .	21.0	1