

Eunhwan Jo

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

355
citations

1307594

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1474206

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20
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20
docs citations

20
times ranked

587
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrasensitive Strain Sensor Based on Separation of Overlapped Carbon Nanotubes. <i>Small</i> , 2019, 15, e1805120.	10.0	144
2	Multi-Layered, Hierarchical Fabric-Based Tactile Sensors with High Sensitivity and Linearity in Ultrawide Pressure Range. <i>Advanced Functional Materials</i> , 2019, 29, 1902484.	14.9	130
3	Highly Sensitive Flexible Tactile Sensors in Wide Sensing Range Enabled by Hierarchical Topography of Biaxially Strained and Capillary-Densified Carbon Nanotube Bundles. <i>Small</i> , 2021, 17, e2105334.	10.0	16
4	Patterned Carbon Nanotube Bundles as Stretchable Strain Sensors for Human Motion Detection. <i>ACS Applied Nano Materials</i> , 2020, 3, 11408-11415.	5.0	13
5	Integration of a Carbon Nanotube Network on a Microelectromechanical Switch for Ultralong Contact Lifetime. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 18617-18625.	8.0	11
6	Detection of Mixed BTEX With Suppressed Reaction Specificity Using Tin Oxide Nanoparticles Functionalized by Multi-Metalloporphyrins. <i>IEEE Sensors Journal</i> , 2019, 19, 11791-11796.	4.7	11
7	Fabrication of fine-pored polydimethylsiloxane using an isopropyl alcohol and water mixture for adjustable mechanical, optical, and thermal properties. <i>RSC Advances</i> , 2021, 11, 18061-18067.	3.6	8
8	Fabrication of carbon nanotube-coated fabric for highly sensitive pressure sensor. , 2017, , .		6
9	Integration of Gold Nanoparticle-Carbon Nanotube Composite for Enhanced Contact Lifetime of Microelectromechanical Switches with Very Low Contact Resistance. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 16959-16967.	8.0	5
10	Carbon nanotubes network contact lubrication for highly reliable MEMS switch. , 2017, , .		4
11	Development of a Highly Stretchable Strain Sensor Based on Patterned and Rolled Carbon Nanotubes. , 2019, , .		2
12	A Textile-Based Resistive Tactile Sensor with High Sensitivity in a Wide Pressure Range. , 2019, , .		2
13	Microelectromechanical Switch with Carbon Nanotube Arrays for High-Temperature Operation. , 2020, , .		1
14	Washable, Inkjet-Printed Flexible Tactile Sensor on Fabric with Temperature Tolerance. , 2022, , .		1
15	Gold-Decorated Carbon Nanotube Network as Contact Surface of MEM Switch for Extended Lifetime. , 2019, , .		0
16	Highly Transparent Porous Polydimethylsiloxane with Micro-Size Pores Using Water and Isopropanol Mixture. , 2020, , .		0
17	Location-specific fabrication of suspended nanowires using electrospun fibers on designed microstructure. <i>Nanotechnology</i> , 2021, 32, 355602.	2.6	0
18	Vertically-Aligned Carbon Nanotubes-Embedded PDMS Microstructures For Flexible Tactile Sensor Array with High Sensitivity and Durability. , 2022, , .		0