

Baoqing Nie

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

855
citations

13
h-index

29
g-index

29
ext. papers

1,097
ext. citations

9.5
avg, IF

4.3
L-index

#	Paper	IF	Citations
25	Flexible transparent iontronic film for interfacial capacitive pressure sensing. <i>Advanced Materials</i> , 2015 , 27, 6055-62	24	252
24	Iontronic microdroplet array for flexible ultrasensitive tactile sensing. <i>Lab on A Chip</i> , 2014 , 14, 1107-16	7.2	88
23	Droplet-based interfacial capacitive sensing. <i>Lab on A Chip</i> , 2012 , 12, 1110-8	7.2	88
22	Textile-Based Wireless Pressure Sensor Array for Human-Interactive Sensing. <i>Advanced Functional Materials</i> , 2019 , 29, 1808786	15.6	75
21	Microflotronics: A Flexible, Transparent, Pressure-Sensitive Microfluidic Film. <i>Advanced Functional Materials</i> , 2014 , 24, 6195-6203	15.6	55
20	Sensitive Detection of Single-Cell Secreted HO by Integrating a Microfluidic Droplet Sensor and Au Nanoclusters. <i>Analytical Chemistry</i> , 2018 , 90, 4478-4484	7.8	54
19	All VN-graphene architecture derived self-powered wearable sensors for ultrasensitive health monitoring. <i>Nano Research</i> , 2019 , 12, 331-338	10	48
18	Microfluidic tactile sensors for three-dimensional contact force measurements. <i>Lab on A Chip</i> , 2014 , 14, 4344-53	7.2	34
17	Highly Stretchable and Sensitive Pressure Sensor Array Based on Icicle-Shaped Liquid Metal Film Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 27961-27970	9.5	30
16	Frequency-independent self-powered sensing based on capacitive impedance matching effect of triboelectric nanogenerator. <i>Nano Energy</i> , 2019 , 65, 103984	17.1	26
15	Telemedical Wearable Sensing Platform for Management of Chronic Venous Disorder. <i>Annals of Biomedical Engineering</i> , 2016 , 44, 2282-91	4.7	26
14	A Flexible and Highly Sensitive Inductive Pressure Sensor Array Based on Ferrite Films. <i>Sensors</i> , 2019 , 19,	3.8	17
13	Capillary-driven automatic packaging. <i>Lab on A Chip</i> , 2011 , 11, 1464-9	7.2	14
12	A droplet-based passive force sensor for remote tactile sensing applications. <i>Applied Physics Letters</i> , 2018 , 112, 031904	3.4	13
11	Aptamer Conformation-Cooperated Enzyme-Assisted Surface-Enhanced Raman Scattering Enabling Ultrasensitive Detection of Cell Surface Protein Biomarkers in Blood Samples. <i>ACS Sensors</i> , 2019 , 4, 2605-2614	9.2	12
10	Sensing arbitrary contact forces with a flexible porous dielectric elastomer. <i>Materials Horizons</i> , 2021 , 8, 962-971	14.4	8
9	Bio-inspired flexible electronics for smart E-skin. <i>Acta Biomaterialia</i> , 2021 ,	10.8	5

8	Flexible Electronics: Microfluidics: A Flexible, Transparent, Pressure-Sensitive Microfluidic Film (Adv. Funct. Mater. 39/2014). <i>Advanced Functional Materials</i> , 2014 , 24, 6086-6086	15.6	2
7	Highly transparent, antifreezing and stretchable conductive organohydrogels for strain and pressure sensors. <i>Science China Technological Sciences</i> , 2021 , 64, 2532	3.5	2
6	The sensitive detection of single-cell secreted lactic acid for glycolytic inhibitor screening with a microdroplet biosensor. <i>Analytical Methods</i> , 2020 , 12, 3250-3259	3.2	2
5	Triggering Reactive Oxygen Species Field Effect Transistor Based on HIF-1 α Signaling for Enhanced Chemodynamic Therapy. <i>Advanced Functional Materials</i> , 2106471	15.6	2
4	Integrating Cycled Enzymatic DNA Amplification and Surface-Enhanced Raman Scattering for Sensitive Detection of Circulating Tumor DNA. <i>Frontiers in Molecular Biosciences</i> , 2021 , 8, 676065	5.6	1
3	2019 ,		1
2	A flexible organohydrogel-based humidity sensor for noncontact artificial sensation. <i>Science China Technological Sciences</i> , 1	3.5	0
1	Wearable Pressure Sensors: Textile-Based Wireless Pressure Sensor Array for Human-Interactive Sensing (Adv. Funct. Mater. 22/2019). <i>Advanced Functional Materials</i> , 2019 , 29, 1970152	15.6	