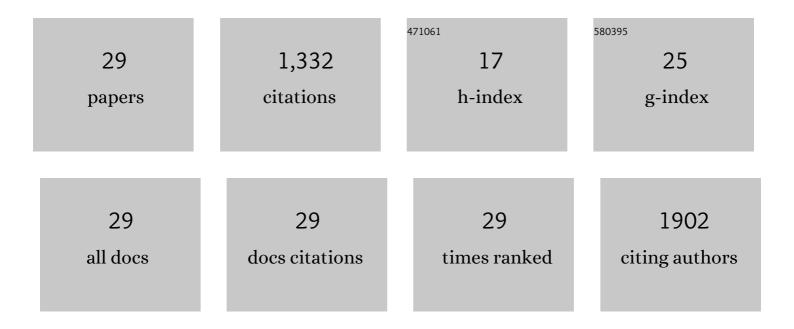
Baoqing Nie

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9398407/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Flexible Transparent Iontronic Film for Interfacial Capacitive Pressure Sensing. Advanced Materials, 2015, 27, 6055-6062.	11.1	354
2	Droplet-based interfacial capacitive sensing. Lab on A Chip, 2012, 12, 1110.	3.1	137
3	Iontronic microdroplet array for flexible ultrasensitive tactile sensing. Lab on A Chip, 2014, 14, 1107.	3.1	123
4	Textileâ€Based Wireless Pressure Sensor Array for Humanâ€Interactive Sensing. Advanced Functional Materials, 2019, 29, 1808786.	7.8	122
5	Sensitive Detection of Single-Cell Secreted H ₂ O ₂ by Integrating a Microfluidic Droplet Sensor and Au Nanoclusters. Analytical Chemistry, 2018, 90, 4478-4484.	3.2	77
6	All VN-graphene architecture derived self-powered wearable sensors for ultrasensitive health monitoring. Nano Research, 2019, 12, 331-338.	5.8	67
7	Highly Stretchable and Sensitive Pressure Sensor Array Based on Icicle-Shaped Liquid Metal Film Electrodes. ACS Applied Materials & Interfaces, 2020, 12, 27961-27970.	4.0	67
8	Microflotronics: A Flexible, Transparent, Pressureâ€ 5 ensitive Microfluidic Film. Advanced Functional Materials, 2014, 24, 6195-6203.	7.8	66
9	Bio-inspired flexible electronics for smart E-skin. Acta Biomaterialia, 2022, 139, 280-295.	4.1	48
10	Microfluidic tactile sensors for three-dimensional contact force measurements. Lab on A Chip, 2014, 14, 4344-4353.	3.1	47
11	Frequency-independent self-powered sensing based on capacitive impedance matching effect of triboelectric nanogenerator. Nano Energy, 2019, 65, 103984.	8.2	44
12	Telemedical Wearable Sensing Platform for Management of Chronic Venous Disorder. Annals of Biomedical Engineering, 2016, 44, 2282-2291.	1.3	32
13	Aptamer Conformation-Cooperated Enzyme-Assisted Surface-Enhanced Raman Scattering Enabling Ultrasensitive Detection of Cell Surface Protein Biomarkers in Blood Samples. ACS Sensors, 2019, 4, 2605-2614.	4.0	23
14	A Flexible and Highly Sensitive Inductive Pressure Sensor Array Based on Ferrite Films. Sensors, 2019, 19, 2406.	2.1	23
15	Sensing arbitrary contact forces with a flexible porous dielectric elastomer. Materials Horizons, 2021, 8, 962-971.	6.4	23
16	Capillary-driven automatic packaging. Lab on A Chip, 2011, 11, 1464.	3.1	20
17	A droplet-based passive force sensor for remote tactile sensing applications. Applied Physics Letters, 2018, 112, .	1.5	20
18	Triggering Reactive Oxygen Species Field Effect Transistor Based on HIFâ€1α Signaling for Enhanced Chemodynamic Therapy. Advanced Functional Materials, 2021, 31, 2106471.	7.8	9

BAOQING NIE

#	Article	IF	CITATIONS
19	Highly transparent, antifreezing and stretchable conductive organohydrogels for strain and pressure sensors. Science China Technological Sciences, 2021, 64, 2532-2540.	2.0	8
20	Integrating Cycled Enzymatic DNA Amplification and Surface-Enhanced Raman Scattering for Sensitive Detection of Circulating Tumor DNA. Frontiers in Molecular Biosciences, 2021, 8, 676065.	1.6	7
21	The sensitive detection of single-cell secreted lactic acid for glycolytic inhibitor screening with a microdroplet biosensor. Analytical Methods, 2020, 12, 3250-3259.	1.3	4
22	A flexible organohydrogel-based humidity sensor for noncontact artificial sensation. Science China Technological Sciences, 2022, 65, 191-200.	2.0	4
23	Flexible Electronics: Microflotronics: A Flexible, Transparent, Pressure-Sensitive Microfluidic Film (Adv. Funct. Mater. 39/2014). Advanced Functional Materials, 2014, 24, 6086-6086.	7.8	2
24	A Wireless Flexible Pressure Sensor for Human Motion Detection. , 2019, , .		2
25	A portable applanation tonometer for accurate intraocular pressure measurements. Sensors and Actuators A: Physical, 2022, 344, 113708.	2.0	2
26	Wearable Pressure Sensors: Textileâ€Based Wireless Pressure Sensor Array for Humanâ€Interactive Sensing (Adv. Funct. Mater. 22/2019). Advanced Functional Materials, 2019, 29, 1970152.	7.8	1
27	A Micro Capacitance Measurement System with Ultra-High Accuracy and Fast Speed. , 2019, , .		0
28	Numerical study of cornea applanation by using a portable force-displacement sensor for intraocular pressure measurements. , 2018, , .		0
29	A hybrid system for intraocular pressure measurements through combining a capacitive flexible force sensor and swept-source optical coherence tomography. , 2018, , .		Ο