Yunmeng Zhao

List of Publications by Year
in descending order

17	1,387	516710 16	888059 17
papers	citations	h-index	g-index

17	17	17	1989
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stretchable gold fiber-based wearable electrochemical sensor toward pH monitoring. Journal of Materials Chemistry B, 2020, 8, 3655-3660.	5.8	50
2	Dynamically functioning and highly stretchable epidermal supercapacitor based on vertically aligned gold nanowire skins. EcoMat, 2020, 2, e12022.	11.9	26
3	A Soft Resistive Acoustic Sensor Based on Suspended Standing Nanowire Membranes with Point Crack Design. Advanced Functional Materials, 2020, 30, 1910717.	14.9	68
4	Hierarchically Structured Vertical Gold Nanowire Array-Based Wearable Pressure Sensors for Wireless Health Monitoring. ACS Applied Materials & Interfaces, 2019, 11, 29014-29021.	8.0	148
5	Real-Time and In-Situ Monitoring of H₂O₂ Release from Living Cells by a Stretchable Electrochemical Biosensor Based on Vertically Aligned Gold Nanowires. Analytical Chemistry, 2019, 91, 13521-13527.	6.5	66
6	Highly Stretchable and Strain-Insensitive Fiber-Based Wearable Electrochemical Biosensor to Monitor Glucose in the Sweat. Analytical Chemistry, 2019, 91, 6569-6576.	6.5	209
7	Embedding Pinhole Vertical Gold Nanowire Electronic Skins for Braille Recognition. Small, 2019, 15, e1804853.	10.0	19
8	Site-specific Ag coating on concave Au nanoarrows by controlling the surfactant concentration. Nanoscale Horizons, 2019, 4, 940-946.	8.0	11
9	A Mossâ€Inspired Electroless Goldâ€Coating Strategy Toward Stretchable Fiber Conductors by Dry Spinning. Advanced Electronic Materials, 2019, 5, 1800462.	5.1	62
10	A Wearable Second Skinâ€Like Multifunctional Supercapacitor with Vertical Gold Nanowires and Electrochromic Polyaniline. Advanced Materials Technologies, 2019, 4, 1800473.	5.8	88
11	Highly Stretchable Fiber-Shaped Supercapacitors Based on Ultrathin Gold Nanowires with Double-Helix Winding Design. ACS Applied Materials & Interfaces, 2018, 10, 42612-42620.	8.0	47
12	Fractal Gold Nanoframework for Highly Stretchable Transparent Strain-Insensitive Conductors. Nano Letters, 2018, 18, 3593-3599.	9.1	62
13	A location- and sharpness-specific tactile electronic skin based on staircase-like nanowire patches. Nanoscale Horizons, 2018, 3, 640-647.	8.0	49
14	Self-assembled gold nanorime mesh conductors for invisible stretchable supercapacitors. Nanoscale, 2018, 10, 15948-15955.	5.6	40
15	Percolating Network of Ultrathin Gold Nanowires and Silver Nanowires toward â€œInvisibleâ€•Wearable Sensors for Detecting Emotional Expression and Apexcardiogram. Advanced Functional Materials, 2017, 27, 1700845.	14.9	257
16	Selfâ€assembled Ultrathin Gold Nanowires as Highly Transparent, Conductive and Stretchable Supercapacitor. Electroanalysis, 2016, 28, 1298-1304.	2.9	73
17	Fabrication of Highly Transparent and Flexible NanoMesh Electrode via Selfâ€assembly of Ultrathin Gold Nanowires. Advanced Electronic Materials, 2016, 2, 1600121.	5.1	112