

# Yunmeng Zhao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5375767/publications.pdf>

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17  
papers

1,387  
citations

516710

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