

# Yuyan Yu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/143222/publications.pdf>

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papers

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1163117  
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402  
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#	ARTICLE	IF	CITATIONS
1	Strategies for Designing Stretchable Strain Sensors and Conductors. <i>Advanced Materials Technologies</i> , 2020, 5, 1900908.	5.8	94
2	Wearable Temperature Sensors with Enhanced Sensitivity by Engineering Microcrack Morphology in PEDOT:PSS/PDMS Sensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 36578-36588.	8.0	93
3	Conductive Polymer Nanocomposites for Stretchable Electronics: Material Selection, Design, and Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 43831-43854.	8.0	81
4	Multimodal Capacitive and Piezoresistive Sensor for Simultaneous Measurement of Multiple Forces. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 22179-22190.	8.0	66
5	Nano-toughening of transparent wearable sensors with high sensitivity and a wide linear sensing range. <i>Journal of Materials Chemistry A</i> , 2020, 8, 20531-20542.	10.3	33
6	Carbon nanofiber-reinforced strain sensors with high breathability and anisotropic sensitivity. <i>Journal of Materials Chemistry A</i> , 2021, 9, 26788-26799.	10.3	25
7	Enhancing the triboelectricity of stretchable electrospun piezoelectric polyvinylidene fluoride/boron nitride nanosheets composite nanofibers. <i>Composites Communications</i> , 2020, 22, 100535.	6.3	22
8	High-precision, stretchable kirigami-capacitive sensor with ultra-low cross-sensitivity for body temperature monitoring. <i>Journal of Materials Chemistry A</i> , 2021, 9, 24874-24886.	10.3	22