

# Wenke Xie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8426020/publications.pdf>

Version: 2024-02-01

9  
papers

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citations

1040056

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665  
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#	ARTICLE	IF	CITATIONS
1	Cost-effective n-type thermocells enabled by thermosensitive crystallizations and 3D multi-structured electrodes. <i>Nano Energy</i> , 2022, 93, 106795.	16.0	31
2	Thermosensitive-CsI <sub>3</sub> -crystal-driven high-power $\text{In}^{2+}/\text{I}_3^{-}$ thermocells. <i>Cell Reports Physical Science</i> , 2022, 3, 100737.	5.6	12
3	Simultaneous Solar Steam and Electricity Generation from Synergistic Salinity-Temperature Gradient. <i>Advanced Energy Materials</i> , 2021, 11, 2100481.	19.5	42
4	Charge-Gradient Hydrogels Enable Direct Zero Liquid Discharge for Hypersaline Wastewater Management. <i>Advanced Materials</i> , 2021, 33, e2100141.	21.0	37
5	Heat-triggered high-performance thermocells enable a self-powered forest fire alarm. <i>Journal of Materials Chemistry A</i> , 2021, 9, 26119-26126.	10.3	17
6	Thermosensitive crystallization-boosted liquid thermocells for low-grade heat harvesting. <i>Science</i> , 2020, 370, 342-346.	12.6	289
7	P-N conversion in thermogalvanic cells induced by thermo-sensitive nanogels for body heat harvesting. <i>Nano Energy</i> , 2019, 57, 473-479.	16.0	89
8	Tough hydrogel diodes with tunable interfacial adhesion for safe and durable wearable batteries. <i>Nano Energy</i> , 2018, 48, 569-574.	16.0	63
9	Ultra-stretchable, bio-inspired ionic skins that work stably in various harsh environments. <i>Journal of Materials Chemistry A</i> , 2018, 6, 24114-24119.	10.3	75