

Wenbo Ji

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6182442/publications.pdf>

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14
papers

1,259
citations

687363

13
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1644
citing authors

#	ARTICLE	IF	CITATIONS
1	A Fully Integrated and Self-Powered Smartwatch for Continuous Sweat Glucose Monitoring. ACS Sensors, 2019, 4, 1925-1933.	7.8	184
2	A wearable patch for continuous analysis of thermoregulatory sweat at rest. Nature Communications, 2021, 12, 1823.	12.8	181
3	Stable Dopant-Free Asymmetric Heterocontact Silicon Solar Cells with Efficiencies above 20%. ACS Energy Letters, 2018, 3, 508-513.	17.4	164
4	Partially oxidized Ni nanoparticles supported on Ni-N co-doped carbon nanofibers as bifunctional electrocatalysts for overall water splitting. Nano Energy, 2018, 51, 286-293.	16.0	136
5	Wearable Sweat Band for Noninvasive Levodopa Monitoring. Nano Letters, 2019, 19, 6346-6351.	9.1	121
6	Porous Enzymatic Membrane for Nanotextured Glucose Sweat Sensors with High Stability toward Reliable Noninvasive Health Monitoring. Advanced Functional Materials, 2019, 29, 1902521.	14.9	120
7	Dopant-Free Partial Rear Contacts Enabling 23% Silicon Solar Cells. Advanced Energy Materials, 2019, 9, 1803367.	19.5	77
8	A Wearable Nutrition Tracker. Advanced Materials, 2021, 33, e2006444.	21.0	70
9	A multi-modal sweat sensing patch for cross-verification of sweat rate, total ionic charge, and Na ⁺ concentration. Lab on A Chip, 2019, 19, 3179-3189.	6.0	56
10	Nicotine Monitoring with a Wearable Sweat Band. ACS Sensors, 2020, 5, 1831-1837.	7.8	48
11	Polymeric Electron-Selective Contact for Crystalline Silicon Solar Cells with an Efficiency Exceeding 19%. ACS Energy Letters, 2020, 5, 897-902.	17.4	35
12	Tellurium Single-Crystal Arrays by Low-Temperature Evaporation and Crystallization. Advanced Materials, 2021, 33, e2100860.	21.0	32
13	Dip Coating Passivation of Crystalline Silicon by Lewis Acids. ACS Nano, 2019, 13, 3723-3729.	14.6	28
14	Orientated Growth of Ultrathin Tellurium by van der Waals Epitaxy. Advanced Materials Interfaces, 2022, 9, .	3.7	7