

# Jian ping Meng

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5417618/publications.pdf>

Version: 2024-02-01

15  
papers

734  
citations

840776

11  
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996975

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docs citations

15  
times ranked

755  
citing authors

#	ARTICLE	IF	CITATIONS
1	Body-Integrated Self-Powered System for Wearable and Implantable Applications. ACS Nano, 2019, 13, 6017-6024.	14.6	142
2	Schottky-Contacted Nanowire Sensors. Advanced Materials, 2020, 32, e2000130.	21.0	108
3	The recent advances in self-powered medical information sensors. Informa-Ån-Å-Materi-Åly, 2020, 2, 212-234.	17.3	96
4	Reversible Conversion between Schottky and Ohmic Contacts for Highly Sensitive, Multifunctional Biosensors. Advanced Functional Materials, 2020, 30, 1907999.	14.9	61
5	Triboelectric Nanogenerator Enhanced Schottky Nanowire Sensor for Highly Sensitive Ethanol Detection. Nano Letters, 2020, 20, 4968-4974.	9.1	58
6	Self-powered photodetector for ultralow power density UV sensing. Nano Today, 2022, 43, 101399.	11.9	57
7	Plasmon-Induced Pyro-Phototronic Effect Enhancement in Self-Powered UV-Vis Detection with a ZnO/CuO p-n Junction Device. Advanced Functional Materials, 2022, 32, 2108903.	14.9	43
8	Enhanced Performance of a Self-Powered ZnO Photodetector by Coupling LSPR-Inspired Pyro-Phototronic Effect and Piezo-Phototronic Effect. Advanced Optical Materials, 2022, 10, .	7.3	42
9	Recent progress on Schottky sensors based on two-dimensional transition metal dichalcogenides. Journal of Materials Chemistry A, 2022, 10, 8107-8128.	10.3	38
10	Triboelectric-polarization-enhanced high sensitive ZnO UV sensor. Nano Today, 2020, 33, 100873.	11.9	33
11	Pyro-phototronic effect enhanced self-powered photodetector. International Journal of Optomechatronics, 2022, 16, 1-17.	6.6	27
12	LSPR-Enhanced Pyro-Phototronic Effect for UV Detection with an Ag-ZnO Schottky Junction Device. Advanced Materials Interfaces, 2022, 9, .	3.7	10
13	Combining triboelectric nanogenerator with piezoelectric effect for optimizing Schottky barrier height modulation. Science Bulletin, 2021, 66, 1409-1418.	9.0	9
14	Tunable Schottky barrier height of a Pt-CuO junction <i>via</i> a triboelectric nanogenerator. Nanoscale, 2021, 13, 17101-17105.	5.6	8
15	Bioabsorbable Capacitors: Fully Bioabsorbable Capacitor as an Energy Storage Unit for Implantable Medical Electronics (Adv. Sci. 6/2019). Advanced Science, 2019, 6, 1970035.	11.2	2