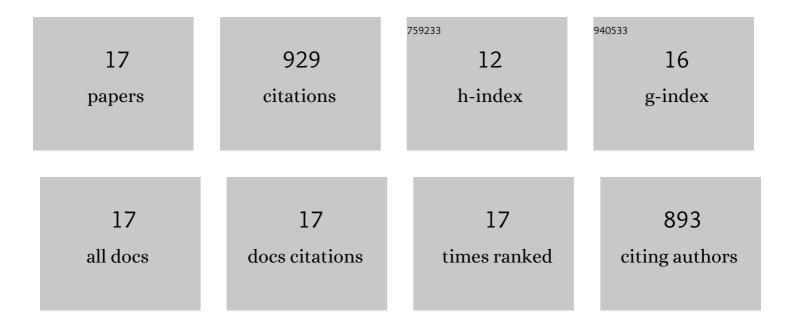
Limin Ruan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4752032/publications.pdf Version: 2024-02-01



Ι ΙΜΙΝ ΡΠΑΝ

#	Article	IF	CITATIONS
1	Highly Transparent and Flexible Zn-Ti ₃ C ₂ T _{<i>x</i>} MXene Hybrid Capacitors. Langmuir, 2022, 38, 5968-5976.	3.5	6
2	A highly flexible and self-healable rechargeable fibrous Zn–MnO ₂ battery. Sustainable Energy and Fuels, 2021, 5, 2907-2915.	4.9	9
3	A flexible in-plane p–n heterojunction nano-generator with phonon-enhanced photothermoelectric effect to harvest solar energy. Journal of Materials Chemistry A, 2021, 9, 14958-14968.	10.3	16
4	A flexible, heat-resistant and self-healable "rocking-chair―zinc ion microbattery based on MXene-TiS2 (de)intercalation anode. Journal of Power Sources, 2021, 504, 230076.	7.8	33
5	A new flexible zinc-ion capacitor based on Î'-MnO2@Carbon cloth battery-type cathode and MXene@Cotton cloth capacitor-type anode. Journal of Power Sources, 2020, 446, 227345.	7.8	123
6	A laser etched zinc ion microbattery with excellent flexibility and self-healability. Sustainable Energy and Fuels, 2020, 4, 4713-4721.	4.9	16
7	Highly Flexible and Selfâ€Healable Zincâ€Ion Hybrid Supercapacitors Based on MWCNTsâ€RGO Fibers. Advanced Materials Technologies, 2020, 5, 2000268.	5.8	44
8	A Novel Aqueous Zincâ€Ion Hybrid Supercapacitor Based on TiS ₂ (De)Intercalation Batteryâ€Type Anode. Advanced Electronic Materials, 2020, 6, 2000388.	5.1	46
9	Synthesis of NbSe ₂ single-crystalline nanosheet arrays for UV photodetectors. CrystEngComm, 2020, 22, 5710-5715.	2.6	13
10	A Self-Powered Flexible Thermoelectric Sensor and Its Application on the Basis of the Hollow PEDOT:PSS Fiber. Polymers, 2020, 12, 553.	4.5	29
11	MXeneâ€Reduced Graphene Oxide Aerogel for Aqueous Zincâ€Ion Hybrid Supercapacitor with Ultralong Cycle Life. Advanced Electronic Materials, 2019, 5, 1900537.	5.1	259
12	Direct Laser Etching Freeâ€Standing MXeneâ€MoS ₂ Film for Highly Flexible Microâ€Supercapacitor. Advanced Materials Interfaces, 2019, 6, 1901160.	3.7	51
13	An Ultrahigh Energy Density Quasiâ€Solidâ€State Zinc Ion Microbattery with Excellent Flexibility and Thermostability. Advanced Energy Materials, 2019, 9, 1901957.	19.5	111
14	A New Free-Standing Aqueous Zinc-Ion Capacitor Based on MnO2–CNTs Cathode and MXene Anode. Nano-Micro Letters, 2019, 11, 70.	27.0	139
15	Compressible Supercapacitor with Residual Stress Effect for Sensitive Elastic-Electrochemical Stress Sensor. ACS Applied Materials & Interfaces, 2018, 10, 38057-38065.	8.0	25
16	Detector for rapid detection of trace Cu2+ in paddy water based on dual-wavelength quantum dot fluorescent probe. Paddy and Water Environment, 2018, 16, 595-600.	1.8	0
17	Flame Synthesis of Spring-Like Nanocarbon and Its Application in Flexible Free-Standing Mattress-Like Supercapacitor Electrode. Journal of the Electrochemical Society, 2017, 164, A2823-A2829.	2.9	9