

# Chao Wang

## List of Publications by Year in descending order

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13  
papers

842  
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933447

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1125743

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times ranked

1147  
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#	ARTICLE	IF	CITATIONS
1	Highly Sensitive Capacitive Flexible Pressure Sensor Based on a High-Permittivity MXene Nanocomposite and 3D Network Electrode for Wearable Electronics. ACS Sensors, 2021, 6, 2630-2641.	7.8	61
2	Uniform hierarchical tetradecahedral SnO <sub>2</sub> /Zn <sub>2</sub> SnO <sub>4</sub> composites for ultrafast response/recovery and selective gas detection at room temperature. Chemical Physics Letters, 2020, 741, 137067.	2.6	8
3	A nanocomposite consisting of ZnO decorated graphene oxide nanoribbons for resistive sensing of NO <sub>2</sub> gas at room temperature. Mikrochimica Acta, 2019, 186, 554.	5.0	15
4	Highly Sensitive Piezoresistive Sensor Based on Modified Polystyrene Microsphere Multi-layer Stacking Conductive Interface. Chemistry Letters, 2019, 48, 1206-1208.	1.3	3
5	Natural bamboo leaves derived sulphur-doped mesoporous heteroatom enriched carbon for high-performance supercapacitors and gas sensors. Journal of Power Sources, 2019, 443, 227183.	7.8	20
6	Electrodeposition of platinum nanoparticles onto porous GaN as a binder-free electrode for hydrogen evolution reaction. Chemical Physics Letters, 2019, 737, 136796.	2.6	10
7	A ZnO/porous GaN heterojunction and its application as a humidity sensor. Nanoscale Advances, 2019, 1, 1232-1239.	4.6	20
8	In situ synthesis of flower-like ZnO on GaN using electrodeposition and its application as ethanol gas sensor at room temperature. Sensors and Actuators B: Chemical, 2019, 292, 270-276.	7.8	88
9	Electrodeposition of ZnO nanorods onto GaN towards enhanced H <sub>2</sub> S sensing. Journal of Alloys and Compounds, 2019, 790, 363-369.	5.5	37
10	Conversion Synthesis of Self-standing Potassium Zinc Hexacyanoferrate Arrays as Cathodes for High-Voltage Flexible Aqueous Rechargeable Sodium-Ion Batteries. Small, 2019, 15, e1905115.	10.0	37
11	Potassium vanadates with stable structure and fast ion diffusion channel as cathode for rechargeable aqueous zinc-ion batteries. Nano Energy, 2018, 51, 579-587.	16.0	425
12	A photoelectrochemical study on the features of carbonate-catalyzed water oxidation at illuminated TiO <sub>2</sub> /Solution interface. Journal of Solid State Electrochemistry, 2013, 17, 69-77.	2.5	9
13	A study of the passive films on chromium by capacitance measurement. Corrosion Science, 2003, 45, 747-758.	6.6	109