

Chao Wang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7583614/publications.pdf>

Version: 2024-02-01

13
papers

842
citations

933447

10
h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

1147
citing authors

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