

Jing-Wei Chen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

2,374
citations

20
h-index

48
g-index

56
ext. papers

2,965
ext. citations

11.5
avg, IF

5.61
L-index

#	Paper	IF	Citations
50	Extremely Stretchable Strain Sensors Based on Conductive Self-Healing Dynamic Cross-Links Hydrogels for Human-Motion Detection. <i>Advanced Science</i> , 2017 , 4, 1600190	13.6	506
49	Highly Stable Transparent Conductive Silver Grid/PEDOT:PSS Electrodes for Integrated Bifunctional Flexible Electrochromic Supercapacitors. <i>Advanced Energy Materials</i> , 2016 , 6, 1501882	21.8	307
48	Smart Windows: Electro-, Thermo-, Mechano-, Photochromics, and Beyond. <i>Advanced Energy Materials</i> , 2019 , 9, 1902066	21.8	216
47	Sulfidation of NiMn-Layered Double Hydroxides/Graphene Oxide Composites toward Supercapacitor Electrodes with Enhanced Performance. <i>Advanced Energy Materials</i> , 2016 , 6, 1501745	21.8	205
46	Inkjet-printed all solid-state electrochromic devices based on NiO/WO ₃ nanoparticle complementary electrodes. <i>Nanoscale</i> , 2016 , 8, 348-57	7.7	127
45	Carbon Coated Bimetallic Sulfide Hollow Nanocubes as Advanced Sodium Ion Battery Anode. <i>Advanced Energy Materials</i> , 2017 , 7, 1700180	21.8	112
44	NiMn layered double hydroxides as efficient electrocatalysts for the oxygen evolution reaction and their application in rechargeable Zn-air batteries. <i>Nanoscale</i> , 2017 , 9, 774-780	7.7	100
43	Direct Observation of Indium Conductive Filaments in Transparent, Flexible, and Transferable Resistive Switching Memory. <i>ACS Nano</i> , 2017 , 11, 1712-1718	16.7	71
42	A High-Performance Lithium-Ion Capacitor Based on 2D Nanosheet Materials. <i>Small</i> , 2017 , 13, 1602893	11	61
41	The Advances of Metal Sulfides and In Situ Characterization Methods beyond Li Ion Batteries: Sodium, Potassium, and Aluminum Ion Batteries. <i>Small Methods</i> , 2020 , 4, 1900648	12.8	57
40	Molecular Level Assembly for High-Performance Flexible Electrochromic Energy-Storage Devices. <i>ACS Energy Letters</i> , 2020 , 5, 1159-1166	20.1	54
39	Spray coated ultrathin films from aqueous tungsten molybdenum oxide nanoparticle ink for high contrast electrochromic applications. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 33-38	7.1	53
38	Highly Transparent Conducting Nanopaper for Solid State Foldable Electrochromic Devices. <i>Small</i> , 2016 , 12, 6370-6377	11	52
37	Electrochemical Mechanism Investigation of Cu ₂ MoS ₄ Hollow Nanospheres for Fast and Stable Sodium Ion Storage. <i>Advanced Functional Materials</i> , 2019 , 29, 1807753	15.6	51
36	Holey graphene-wrapped porous TiNb ₂ O ₆ microparticles as high-performance intercalation pseudocapacitive anode materials for lithium-ion capacitors. <i>NPG Asia Materials</i> , 2018 , 10, 406-416	10.3	46
35	Electrochemical Supercapacitors: From Mechanism Understanding to Multifunctional Applications. <i>Advanced Energy Materials</i> , 2021 , 11, 2003311	21.8	36
34	One-Dimensional -d Conjugated Coordination Polymer for Electrochromic Energy Storage Device with Exceptionally High Performance. <i>Advanced Science</i> , 2020 , 7, 1903109	13.6	30

33	Sulfur-Rich Colloidal Nickel Sulfides as Bifunctional Catalyst for All-Solid-State, Flexible and Rechargeable Zn-Air Batteries. <i>ChemCatChem</i> , 2019 , 11, 1205-1213	5.2	30
32	A Nonpresodiate Sodium-Ion Capacitor with High Performance. <i>Small</i> , 2018 , 14, e1804035	11	29
31	Ti-Doped WO ₃ synthesized by a facile wet bath method for improved electrochromism. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 9995-10000	7.1	27
30	Diphylleia grayi-Inspired Stretchable Hydrochromics with Large Optical Modulation in the Visible-Near-Infrared Region. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 37685-37693	9.5	20
29	Encapsulation of MnS Nanocrystals into N, S-Co-doped Carbon as Anode Material for Full Cell Sodium-Ion Capacitors. <i>Nano-Micro Letters</i> , 2020 , 12, 34	19.5	19
28	A semitransparent snake-like tactile and olfactory bionic sensor with reversibly stretchable properties. <i>NPG Asia Materials</i> , 2017 , 9, e437-e437	10.3	16
27	A facile route to high-purity BN nanoplates with ultraviolet cathodoluminescence emissions at room temperature. <i>Materials Research Bulletin</i> , 2014 , 53, 190-195	5.1	15
26	Fabrication and Raman scattering behavior of novel turbostratic BN thin films. <i>Materials Letters</i> , 2015 , 151, 130-133	3.3	14
25	A Quasi-Solid-State Tristate Reversible Electrochemical Mirror Device with Enhanced Stability. <i>Advanced Science</i> , 2020 , 7, 1903198	13.6	14
24	NiMn layered double hydroxides derived multiphase Mn-doped Ni sulfides with reduced graphene oxide composites as anode materials with superior cycling stability for sodium ion batteries. <i>Materials Today Energy</i> , 2018 , 9, 74-82	7	14
23	Zinc-Ion Hybrid Supercapacitors: Progress and Future Perspective. <i>Batteries and Supercaps</i> , 2021 , 4, 1529-1536	5.6	13
22	Synthesis through 3D printing: formation of 3D coordination polymers.. <i>RSC Advances</i> , 2020 , 10, 14812-14817	3.7	10
21	Robust Trioptical-State Electrochromic Energy Storage Device Enabled by Reversible Metal Electrodeposition. <i>ACS Energy Letters</i> , 2020 , 5, 4328-4335	20.1	10
20	A Tailorable Spray-Assembly Strategy of Silver Nanowires-Bundle Mesh for Transferable High-Performance Transparent Conductor. <i>Advanced Functional Materials</i> , 2021 , 31, 2006120	15.6	9
19	High-Capacity Iron-Based Anodes for Aqueous Secondary Nickel-Iron Batteries: Recent Progress and Prospects. <i>ChemElectroChem</i> , 2021 , 8, 274-290	4.3	8
18	Smart Windows: Smart Windows: Electro-, Thermo-, Mechano-, Photochromics, and Beyond (Adv. Energy Mater. 39/2019). <i>Advanced Energy Materials</i> , 2019 , 9, 1970153	21.8	5
17	Strain Sensors: Extremely Stretchable Strain Sensors Based on Conductive Self-Healing Dynamic Cross-Links Hydrogels for Human-Motion Detection (Adv. Sci. 2/2017). <i>Advanced Science</i> , 2017 , 4,	13.6	4
16	Scalable Inkjet Printing of Electrochromic Smart Windows for Building Energy Modulation. <i>Advanced Energy and Sustainability Research</i> , 2019 , 2, 100172	1.6	4

15	Flexible electrochromic fiber with rapid color switching and high optical modulation. <i>Nano Research</i> , 1	10	4
14	Large-scale doping-engineering enables boron/nitrogen dual-doped porous carbon for high-performance zinc ion capacitors. <i>Rare Metals</i> , 1	5.5	4
13	Vanadium Oxide Nanosheets for Flexible Dendrite-Free Hybrid Aluminium-Lithium-Ion Batteries with Excellent Cycling Performance. <i>Batteries and Supercaps</i> , 2019, 2, 205-212	5.6	3
12	Pseudocapacitive and Dual-functional Electrochromic Zn Batteries. <i>Materials Today Energy</i> , 2022, 101048		3
11	Tri-rutile layered niobium-molybdates for all solid-state symmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2020, 8, 20141-20150	13	2
10	Supercapacitors: Highly Stable Transparent Conductive Silver Grid/PEDOT:PSS Electrodes for Integrated Bifunctional Flexible Electrochromic Supercapacitors (Adv. Energy Mater. 4/2016). <i>Advanced Energy Materials</i> , 2016, 6, n/a-n/a	21.8	2
9	Towards High-Performance Aqueous Sodium Ion Batteries: Constructing Hollow NaTi ₂ (PO ₄) ₃ @C Nanocube Anode with Zn Metal-Induced Pre-Sodiation and Deep Eutectic Electrolyte. <i>Advanced Energy Materials</i> , 2104053	21.8	2
8	Spatially Confined Edge-to-Edge Strategy for Achieving Compact Na ⁺ /K ⁺ Storage: Constructing Hetero-Ni/Ni ₃ S ₂ in Densified Carbons. <i>Advanced Functional Materials</i> , 2203291	15.6	2
7	Capacitors: A High-Performance Lithium-Ion Capacitor Based on 2D Nanosheet Materials (Small 6/2017). <i>Small</i> , 2017, 13,	11	1
6	Vanadium Oxide Nanosheets for Flexible Dendrite-Free Hybrid Aluminium-Lithium-Ion Batteries with Excellent Cycling Performance. <i>Batteries and Supercaps</i> , 2019, 2, 180-180	5.6	1
5	Recent Advances and Prospects of Fiber-Shaped Rechargeable Aqueous Alkaline Batteries. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2100060	1.6	1
4	Zinc-Ion Hybrid Supercapacitors: Progress and Future Perspective. <i>Batteries and Supercaps</i> , 2021, 4, 1527-5.6		1
3	High-Capacity Iron-Based Anodes for Aqueous Secondary Nickel-Iron Batteries: Recent Progress and Prospects. <i>ChemElectroChem</i> , 2021, 8, 273-273	4.3	
2	Foldable Electronic Devices: Highly Transparent Conducting Nanopaper for Solid State Foldable Electrochromic Devices (Small 46/2016). <i>Small</i> , 2016, 12, 6418-6418	11	
1	Batteries 2021, 79-141		