

# Jing-Wei Chen

## List of Publications by Year in Descending Order

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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	Pseudocapacitive and Dual-functional Electrochromic Zn Batteries. <i>Materials Today Energy</i> , <b>2022</b> , 101048		3
49	High-Capacity Iron-Based Anodes for Aqueous Secondary Nickel-Iron Batteries: Recent Progress and Prospects. <i>ChemElectroChem</i> , <b>2021</b> , 8, 273-273	4.3	
48	Zinc-Ion Hybrid Supercapacitors: Progress and Future Perspective. <i>Batteries and Supercaps</i> , <b>2021</b> , 4, 1529-1536	5.6	13
47	Recent Advances and Prospects of Fiber-Shaped Rechargeable Aqueous Alkaline Batteries. <i>Advanced Energy and Sustainability Research</i> , <b>2021</b> , 2, 2100060	1.6	1
46	High-Capacity Iron-Based Anodes for Aqueous Secondary Nickel-Iron Batteries: Recent Progress and Prospects. <i>ChemElectroChem</i> , <b>2021</b> , 8, 274-290	4.3	8
45	Electrochemical Supercapacitors: From Mechanism Understanding to Multifunctional Applications. <i>Advanced Energy Materials</i> , <b>2021</b> , 11, 2003311	21.8	36
44	A Tailorable Spray-Assembly Strategy of Silver Nanowires-Bundle Mesh for Transferable High-Performance Transparent Conductor. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2006120	15.6	9
43	Batteries <b>2021</b> , 79-141		
42	Zinc-Ion Hybrid Supercapacitors: Progress and Future Perspective. <i>Batteries and Supercaps</i> , <b>2021</b> , 4, 1527-1536	5.6	1
41	A Quasi-Solid-State Tristate Reversible Electrochemical Mirror Device with Enhanced Stability. <i>Advanced Science</i> , <b>2020</b> , 7, 1903198	13.6	14
40	Molecular Level Assembly for High-Performance Flexible Electrochromic Energy-Storage Devices. <i>ACS Energy Letters</i> , <b>2020</b> , 5, 1159-1166	20.1	54
39	Encapsulation of MnS Nanocrystals into N, S-Co-doped Carbon as Anode Material for Full Cell Sodium-Ion Capacitors. <i>Nano-Micro Letters</i> , <b>2020</b> , 12, 34	19.5	19
38	Synthesis through 3D printing: formation of 3D coordination polymers.. <i>RSC Advances</i> , <b>2020</b> , 10, 14812-14817	4.7	10
37	The Advances of Metal Sulfides and In Situ Characterization Methods beyond Li Ion Batteries: Sodium, Potassium, and Aluminum Ion Batteries. <i>Small Methods</i> , <b>2020</b> , 4, 1900648	12.8	57
36	Tri-rutile layered niobium-molybdates for all solid-state symmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 20141-20150	13	2
35	One-Dimensional $\pi$ -d Conjugated Coordination Polymer for Electrochromic Energy Storage Device with Exceptionally High Performance. <i>Advanced Science</i> , <b>2020</b> , 7, 1903109	13.6	30
34	Vanadium Oxide Nanosheets for Flexible Dendrite-Free Hybrid Aluminium-Lithium-Ion Batteries with Excellent Cycling Performance. <i>Batteries and Supercaps</i> , <b>2019</b> , 2, 180-180	5.6	1

33	Smart Windows: Electro-, Thermo-, Mechano-, Photochromics, and Beyond. <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1902066	21.8	216
32	Smart Windows: Smart Windows: Electro-, Thermo-, Mechano-, Photochromics, and Beyond (Adv. Energy Mater. 39/2019). <i>Advanced Energy Materials</i> , <b>2019</b> , 9, 1970153	21.8	5
31	Electrochemical Mechanism Investigation of Cu <sub>2</sub> MoS <sub>4</sub> Hollow Nanospheres for Fast and Stable Sodium Ion Storage. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1807753	15.6	51
30	Vanadium Oxide Nanosheets for Flexible Dendrite-Free Hybrid Aluminium-Lithium-Ion Batteries with Excellent Cycling Performance. <i>Batteries and Supercaps</i> , <b>2019</b> , 2, 205-212	5.6	3
29	Sulfur-Rich Colloidal Nickel Sulfides as Bifunctional Catalyst for All-Solid-State, Flexible and Rechargeable Zn-Air Batteries. <i>ChemCatChem</i> , <b>2019</b> , 11, 1205-1213	5.2	30
28	Diphylleia grayi-Inspired Stretchable Hydrochromics with Large Optical Modulation in the Visible-Near-Infrared Region. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 37685-37693	9.5	20
27	A Nonpresodiate Sodium-Ion Capacitor with High Performance. <i>Small</i> , <b>2018</b> , 14, e1804035	11	29
26	Holey graphene-wrapped porous TiNb <sub>24</sub> O <sub>62</sub> microparticles as high-performance intercalation pseudocapacitive anode materials for lithium-ion capacitors. <i>NPG Asia Materials</i> , <b>2018</b> , 10, 406-416	10.3	46
25	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> , <b>2018</b> , 9, 74-82	7	14
24	Direct Observation of Indium Conductive Filaments in Transparent, Flexible, and Transferable Resistive Switching Memory. <i>ACS Nano</i> , <b>2017</b> , 11, 1712-1718	16.7	71
23	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> , <b>2017</b> , 4,	13.6	4
22	Capacitors: A High-Performance Lithium-Ion Capacitor Based on 2D Nanosheet Materials (Small 6/2017). <i>Small</i> , <b>2017</b> , 13,	11	1
21	NiMn layered double hydroxides as efficient electrocatalysts for the oxygen evolution reaction and their application in rechargeable Zn-air batteries. <i>Nanoscale</i> , <b>2017</b> , 9, 774-780	7.7	100
20	Carbon Coated Bimetallic Sulfide Hollow Nanocubes as Advanced Sodium Ion Battery Anode. <i>Advanced Energy Materials</i> , <b>2017</b> , 7, 1700180	21.8	112
19	Ti-Doped WO <sub>3</sub> synthesized by a facile wet bath method for improved electrochromism. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 9995-10000	7.1	27
18	Extremely Stretchable Strain Sensors Based on Conductive Self-Healing Dynamic Cross-Links Hydrogels for Human-Motion Detection. <i>Advanced Science</i> , <b>2017</b> , 4, 1600190	13.6	506
17	A High-Performance Lithium-Ion Capacitor Based on 2D Nanosheet Materials. <i>Small</i> , <b>2017</b> , 13, 1602893	11	61
16	A semitransparent snake-like tactile and olfactory bionic sensor with reversibly stretchable properties. <i>NPG Asia Materials</i> , <b>2017</b> , 9, e437-e437	10.3	16

15	Spray coated ultrathin films from aqueous tungsten molybdenum oxide nanoparticle ink for high contrast electrochromic applications. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 33-38	7.1	53
14	Inkjet-printed all solid-state electrochromic devices based on NiO/WO <sub>3</sub> nanoparticle complementary electrodes. <i>Nanoscale</i> , <b>2016</b> , 8, 348-57	7.7	127
13	Highly Stable Transparent Conductive Silver Grid/PEDOT:PSS Electrodes for Integrated Bifunctional Flexible Electrochromic Supercapacitors. <i>Advanced Energy Materials</i> , <b>2016</b> , 6, 1501882	21.8	307
12	Sulfidation of NiMn-Layered Double Hydroxides/Graphene Oxide Composites toward Supercapacitor Electrodes with Enhanced Performance. <i>Advanced Energy Materials</i> , <b>2016</b> , 6, 1501745	21.8	205
11	Foldable Electronic Devices: Highly Transparent Conducting Nanopaper for Solid State Foldable Electrochromic Devices (Small 46/2016). <i>Small</i> , <b>2016</b> , 12, 6418-6418	11	
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> , <b>2016</b> , 6, n/a-n/a	21.8	2
9	Highly Transparent Conducting Nanopaper for Solid State Foldable Electrochromic Devices. <i>Small</i> , <b>2016</b> , 12, 6370-6377	11	52
8	Fabrication and Raman scattering behavior of novel turbostratic BN thin films. <i>Materials Letters</i> , <b>2015</b> , 151, 130-133	3.3	14
7	A facile route to high-purity BN nanoplates with ultraviolet cathodoluminescence emissions at room temperature. <i>Materials Research Bulletin</i> , <b>2014</b> , 53, 190-195	5.1	15
6	Robust Trioptical-State Electrochromic Energy Storage Device Enabled by Reversible Metal Electrodeposition. <i>ACS Energy Letters</i> , 4328-4335	20.1	10
5	Scalable Inkjet Printing of Electrochromic Smart Windows for Building Energy Modulation. <i>Advanced Energy and Sustainability Research</i> , 2100172	1.6	4
4	Flexible electrochromic fiber with rapid color switching and high optical modulation. <i>Nano Research</i> , 1	10	4
3	Towards High-Performance Aqueous Sodium Ion Batteries: Constructing Hollow NaTi <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> @C Nanocube Anode with Zn Metal-Induced Pre-Sodiation and Deep Eutectic Electrolyte. <i>Advanced Energy Materials</i> , 2104053	21.8	2
2	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
1	Spatially Confined Edge-to-Edge Strategy for Achieving Compact Na <sup>+</sup> /K <sup>+</sup> Storage: Constructing Hetero-Ni/Ni <sub>3</sub> S <sub>2</sub> in Densified Carbons. <i>Advanced Functional Materials</i> , 2203291	15.6	2