Haizeng Li

List of Publications by Citations

29 papers	992 citations	19 h-index	31 g-index
32 ext. papers	1,465 ext. citations	10.6 avg, IF	5.22 L-index

#	Paper	IF	Citations
29	Rechargeable Aqueous Electrochromic Batteries Utilizing Ti-Substituted Tungsten Molybdenum Oxide Based Zn Ion Intercalation Cathodes. *Advanced Materials*, **2019**, 31, e1807065	24	113
28	Rechargeable Aqueous Hybrid Zn2+/Al3+ Electrochromic Batteries. *Joule*, **2019**, 3, 2268-2278	27.8	103
27	Nanohybridization of molybdenum oxide with tungsten molybdenum oxide nanowires for solution-processed fully reversible switching of energy storing smart windows. *Nano Energy*, **2018**, 47, 130-139	17.1	70
26	Self-seeded growth of nest-like hydrated tungsten trioxide film directly on FTO substrate for highly enhanced electrochromic performance. *Journal of Materials Chemistry A*, **2014**, 2, 11305-11310	13	61
25	Spray coated ultrathin films from aqueous tungsten molybdenum oxide nanoparticle ink for high contrast electrochromic applications. *Journal of Materials Chemistry C*, **2016**, 4, 33-38	7.1	53
24	Transparent Zinc-Mesh Electrodes for Solar-Charging Electrochromic Windows. *Advanced Materials*, **2020**, 32, e2003574	24	51
23	Oxygen-Vacancy-Tunable Electrochemical Properties of Electrodeposited Molybdenum Oxide Films. *ACS Applied Materials & Interfaces*, **2019**, 11, 20378-20385	9.5	49
22	Solution-Processed Interfacial PEDOT:PSS Assembly into Porous Tungsten Molybdenum Oxide Nanocomposite Films for Electrochromic Applications. *ACS Applied Materials & Interfaces*, **2018**, 10, 10520-10527	9.5	47
21	Tunable stable operating potential window for high-voltage aqueous supercapacitors. *Nano Energy*, **2019**, 63, 103848	17.1	43
20	Transparent inorganic multicolour displays enabled by zinc-based electrochromic devices. *Light: Science and Applications*, **2020**, 9, 121	16.7	41
19	High-performance complementary electrochromic device based on WO 3 □0.33H 2 O/PEDOT and prussian blue electrodes. *Journal of Physics and Chemistry of Solids*, **2017**, 110, 284-289	3.9	36
18	Constructing three-dimensional quasi-vertical nanosheet architectures from self-assemble two-dimensional WO 3 □2H 2 O for efficient electrochromic devices. *Applied Surface Science*, **2016**, 380, 281-287	6.7	35
17	Nanostructured inorganic electrochromic materials for light applications. *Nanophotonics*, **2020**, 10, 825-850	8.9	35
16	Simultaneously enabling dynamic transparency control and electrical energy storage via electrochromism. *Nanoscale Horizons*, **2020**, 5, 691-695	10.8	35
15	Solution-Processed Porous Tungsten Molybdenum Oxide Electrodes for Energy Storage Smart Windows. *Advanced Materials Technologies*, **2017**, 2, 1700047	6.8	32
14	Electrochromic Battery Displays with Energy Retrieval Functions Using Solution-Processable Colloidal Vanadium Oxide Nanoparticles. *Advanced Optical Materials*, **2020**, 8, 1901224	8.1	32
13	1-Ethyl-3-methylimidazolium tetrafluoroborate-doped high ionic conductivity gel electrolytes with reduced anodic reaction potentials for electrochromic devices. *Materials and Design*, **2017**, 118, 279-285	8.1	30

List of Publications

12	Construction of hydrated tungsten trioxide nanosheet films for efficient electrochromic performance. *RSC Advances*, **2015**, 5, 196-201	3.7	28
11	A single-walled carbon nanotubes/poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate)/copper hexacyanoferrate hybrid film for high-volumetric performance flexible supercapacitors. *Journal of Power Sources*, **2018**, 386, 96-105	8.9	26
10	Rechargeable ZnAl dual-ion electrochromic device with long life time utilizing dimethyl sulfoxide (DMSO)-nanocluster modified hydrogel electrolytes.. *RSC Advances*, **2019**, 9, 32047-32057	3.7	18
9	Fiber-Shaped Electronic Devices. *Advanced Energy Materials*, **2021**, 11, 2101443	21.8	15
8	Advances in Energy-Efficient Plasmonic Electrochromic Smart Windows Based on Metal Oxide Nanocrystals. *Advanced Energy and Sustainability Research*,2100117	1.6	10
7	Emerging Zn Anode-Based Electrochromic Devices. *Small Science*,2100040		9
6	Reversible Zn Insertion in Tungsten Ion-Activated Titanium Dioxide Nanocrystals for Electrochromic Windows. *Nano-Micro Letters*, **2021**, 13, 196	19.5	8
5	Preparation and Properties of NiO/PB Hybrid Electrochromic Film. *Wuji Cailiao Xuebao/Journal of Inorganic Materials*, **2017**, 32, 949	1	5
4	Poly-□caprolactone nanofibrous mats as electrolyte host for tailorable flexible electrochromic devices. *Materials Science and Engineering B: Solid-State Materials for Advanced Technology*, **2019**, 241, 36-41	3.1	3
3	Electrochromic Displays Having Two-Dimensional CIE Color Space Tunability. *Advanced Functional Materials*,2108341	15.6	2
2	Nanoscale Manipulating Silver Adatoms for Aqueous Plasmonic Electrochromic Devices. *Advanced Materials Interfaces*,2200021	4.6	1
1	Advances in Energy-Efficient Plasmonic Electrochromic Smart Windows Based on Metal Oxide Nanocrystals. *Advanced Energy and Sustainability Research*, **2021**, 2, 2170033	1.6	