

Shaohui Li

List of Publications by Year in descending order

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47
papers

3,558
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186209

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49
times ranked

6318
citing authors

#	ARTICLE	IF	CITATIONS
1	A Tailorable Spray-Assembly Strategy of Silver Nanowires-Bundle Mesh for Transferable High-Performance Transparent Conductor. <i>Advanced Functional Materials</i> , 2021, 31, .	7.8	32
2	Towards Control of the Size, Composition and Surface Area of NiO Nanostructures by Sn Doping. <i>Nanomaterials</i> , 2021, 11, 444.	1.9	9
3	Rational Design of Nanostructured Electrode Materials toward Multifunctional Supercapacitors. <i>Advanced Functional Materials</i> , 2020, 30, 1902564.	7.8	252
4	Multifunctional Supercapacitors: Rational Design of Nanostructured Electrode Materials toward Multifunctional Supercapacitors (<i>Adv. Funct. Mater.</i> 2/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070008.	7.8	7
5	Facile, economical and environment-friendly synthesis process of porous N-doped carbon/SiO _x composite from rice husks as high-property anode for Li-ion batteries. <i>Electrochimica Acta</i> , 2020, 334, 135619.	2.6	36
6	Tri-rutile layered niobium-molybdates for all solid-state symmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2020, 8, 20141-20150.	5.2	6
7	A Quasi-Solid-State Tristate Reversible Electrochemical Mirror Device with Enhanced Stability. <i>Advanced Science</i> , 2020, 7, 1903198.	5.6	26
8	Inkjet-Printed Iontronics for Transparent, Elastic, and Strain-Insensitive Touch Sensing Matrix. <i>Advanced Intelligent Systems</i> , 2020, 2, 2000088.	3.3	15
9	Photothermal actuated origamis based on graphene oxide-cellulose programmable bilayers. <i>Nanoscale Horizons</i> , 2020, 5, 730-738.	4.1	32
10	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.	14.4	42
11	Ti ₃ C ₂ MXene Paper for the Effective Adsorption and Controllable Release of Aroma Molecules. <i>Small</i> , 2019, 15, e1903281.	5.2	32
12	Porous Al/Al ₂ O ₃ two-phase nanonetwork to improve electrochemical properties of porous C/SiO ₂ as anode for Li-ion batteries. <i>Electrochimica Acta</i> , 2019, 300, 470-481.	2.6	19
13	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.	2.4	1
14	Reconfigurable and programmable origami dielectric elastomer actuators with 3D shape morphing and emissive architectures. <i>NPG Asia Materials</i> , 2019, 11, .	3.8	21
15	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.	7.8	72
16	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.	2.4	5
17	A Stretchable and Self-Healing Energy Storage Device Based on Mechanically and Electrically Restorative Liquid-Metal Particles and Carboxylated Polyurethane Composites. <i>Advanced Materials</i> , 2019, 31, e1805536.	11.1	209
18	Printable Superelastic Conductors with Extreme Stretchability and Robust Cycling Endurance Enabled by Liquid-Metal Particles. <i>Advanced Materials</i> , 2018, 30, e1706157.	11.1	208

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19	Hierarchical MnO ₂ Located on Carbon Nanotubes for Enhanced Electrochemical Performance. ChemElectroChem, 2018, 5, 1525-1531.	1.7	6
20	Direct inkjet-patterning of energy efficient flexible electrochromics. Nano Energy, 2018, 49, 147-154.	8.2	78
21	A Nonpresodiate Sodium-Ion Capacitor with High Performance. Small, 2018, 14, e1804035.	5.2	36
22	Holey graphene-wrapped porous TiNb ₂₄ O ₆₂ microparticles as high-performance intercalation pseudocapacitive anode materials for lithium-ion capacitors. NPG Asia Materials, 2018, 10, 406-416.	3.8	55
23	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. Materials Today Energy, 2018, 9, 74-82.	2.5	18
24	A Deformable and Highly Robust Ethyl Cellulose Transparent Conductor with a Scalable Silver Nanowires Bundle Micromesh. Advanced Materials, 2018, 30, e1802803.	11.1	95
25	Strain Sensors: Extremely Stretchable Strain Sensors Based on Conductive Self-Healing Dynamic Cross-Links Hydrogels for Human-Motion Detection (Adv. Sci. 2/2017). Advanced Science, 2017, 4, .	5.6	4
26	Capacitors: A High-Performance Lithium-Ion Capacitor Based on 2D Nanosheet Materials (Small 6/2017). Small, 2017, 13, .	5.2	2
27	Carbon Coated Bimetallic Sulfide Hollow Nanocubes as Advanced Sodium Ion Battery Anode. Advanced Energy Materials, 2017, 7, 1700180.	10.2	130
28	A fiber asymmetric supercapacitor based on FeOOH/PPy on carbon fibers as an anode electrode with high volumetric energy density for wearable applications. Nanoscale, 2017, 9, 10794-10801.	2.8	126
29	Extremely Stretchable Strain Sensors Based on Conductive Self-Healing Dynamic Cross-Links Hydrogels for Human-Motion Detection. Advanced Science, 2017, 4, 1600190.	5.6	728
30	A High-Performance Lithium-Ion Capacitor Based on 2D Nanosheet Materials. Small, 2017, 13, 1602893.	5.2	70
31	A semitransparent snake-like tactile and olfactory bionic sensor with reversibly stretchable properties. NPG Asia Materials, 2017, 9, e437-e437.	3.8	22
32	Development and applications of transparent conductive nanocellulose paper. Science and Technology of Advanced Materials, 2017, 18, 620-633.	2.8	64
33	Microsized Porous SiO ₂ @C Composites Synthesized through Aluminothermic Reduction from Rice Husks and Used as Anode for Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2016, 8, 30239-30247.	4.0	131
34	Graphene oxide-protected three dimensional Se as a binder-free cathode for Li-Se battery. Electrochimica Acta, 2016, 190, 258-263.	2.6	29
35	A Power Pack Based on Organometallic Perovskite Solar Cell and Supercapacitor. ACS Nano, 2015, 9, 1782-1787.	7.3	201
36	Hybrid of Fe@Fe ₃ O ₄ core-shell nanoparticle and iron-nitrogen-doped carbon material as an efficient electrocatalyst for oxygen reduction reaction. Electrochimica Acta, 2015, 174, 933-939.	2.6	34

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37	Porous Li ₄ Ti ₅ O ₁₂ â€“TiO ₂ nanosheet arrays for high-performance lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2015, 3, 10107-10113.	5.2	72
38	Co ₉ S ₈ hollow spheres for enhanced electrochemical detection of hydrogen peroxide. <i>Talanta</i> , 2015, 141, 73-79.	2.9	26
39	ZnO decorated TiO ₂ nanosheet composites for lithium ion battery. <i>Electrochimica Acta</i> , 2015, 182, 529-536.	2.6	42
40	Hydrogen peroxide biosensor based on microperoxidase-11 immobilized on flexible MWCNTs-BC nanocomposite film. <i>Talanta</i> , 2015, 131, 243-248.	2.9	21
41	Investigation of Regeneration Kinetics in Quantum-Dots-Sensitized Solar Cells with Scanning Electrochemical Microscopy. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 20913-20918.	4.0	20
42	Flexible Supercapacitors Based on Bacterial Cellulose Paper Electrodes. <i>Advanced Energy Materials</i> , 2014, 4, 1301655.	10.2	182
43	Freestanding bacterial celluloseâ€“polypyrrole nanofibres paper electrodes for advanced energy storage devices. <i>Nano Energy</i> , 2014, 9, 309-317.	8.2	167
44	Investigation of Dye Regeneration Kinetics in Sensitized Solar Cells by Scanning Electrochemical Microscopy. <i>ChemPhysChem</i> , 2014, 15, 1182-1189.	1.0	20
45	Active catalysts based on cobalt oxide@cobalt/N-C nanocomposites for oxygen reduction reaction in alkaline solutions. <i>Nano Research</i> , 2014, 7, 1054-1064.	5.8	72
46	Fabrication of Cobalt Porphyrin. Electrochemically Reduced Graphene Oxide Hybrid Films for Electrocatalytic Hydrogen Evolution in Aqueous Solution. <i>Langmuir</i> , 2014, 30, 6990-6998.	1.6	73
47	Design of an Inductive Long Displacement Measurement Instrument. , 2006, , .		8