

# Pooi See Lee

## List of Publications by Year in descending order

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403  
papers

31,772  
citations

2675

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5255

165  
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418  
all docs

418  
docs citations

418  
times ranked

31150  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible electrochromic fiber with rapid color switching and high optical modulation. Nano Research, 2023, 16, 5473-5479.	10.4	16
2	Low Voltage Soft Actuators for Interactive Human Machine Interfaces. Advanced Intelligent Systems, 2022, 4, 2100075.	6.1	29
3	Tunable Intracrystal Cavity in Tungsten Bronze Like Bimetallic Oxides for Electrochromic Energy Storage. Advanced Energy Materials, 2022, 12, 2103106.	19.5	48
4	Natural Polymer in Soft Electronics: Opportunities, Challenges, and Future Prospects. Advanced Materials, 2022, 34, e2105020.	21.0	49
5	Scalable Inkjet Printing of Electrochromic Smart Windows for Building Energy Modulation. Advanced Energy and Sustainability Research, 2022, 3, 2100172.	5.8	14
6	Piezoelectric Energy Harvesting Technology: From Materials, Structures, to Applications. Small Structures, 2022, 3, 2100128.	12.0	43
7	Crystallographic Anisotropy Dependence of Interfacial Sliding Phenomenon in a Cu(16)/Nb(16) ARB (Accumulated Rolling Bonding) Nanolaminate. Nanomaterials, 2022, 12, 308.	4.1	3
8	Ionic covalent organic framework based electrolyte for fast-response ultra-low voltage electrochemical actuators. Nature Communications, 2022, 13, 390.	12.8	36
9	Reconfigurable Origami Transparent Cellulose Triboelectric Paper for Multimodal Energy Harvesting. ChemNanoMat, 2022, 8, .	2.8	6
10	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. Advanced Energy Materials, 2022, 12, .	19.5	30
11	Stretchable, Breathable, and Stable Lead Free Perovskite/Polymer Nanofiber Composite for Hybrid Triboelectric and Piezoelectric Energy Harvesting. Advanced Materials, 2022, 34, e2200042.	21.0	108
12	Wide-Spectrum Modulated Electrochromic Smart Windows Based on MnO <sub>2</sub> /PB Films. ACS Applied Materials & Interfaces, 2022, 14, 1443-1451.	8.0	62
13	Heat-Insulating Black Electrochromic Device Enabled by Reversible Nickel Copper Electrodeposition. ACS Applied Materials & Interfaces, 2022, 14, 20237-20246.	8.0	17
14	Energy, Sustainability, and Climate Change. Advanced Energy and Sustainability Research, 2022, 3, .	5.8	0
15	Pseudocapacitive and dual-functional electrochromic Zn batteries. Materials Today Energy, 2022, 27, 101048.	4.7	14
16	Molecular Level Methylcellulose/MXene Hybrids with Greatly Enhanced Electrochemical Actuation. Advanced Materials, 2022, 34, e2200660.	21.0	18
17	Performance optimization strategies of halide perovskite-based mechanical energy harvesters. Nanoscale Horizons, 2022, 7, 1029-1046.	8.0	7
18	Top electrode modulated W/Ag/MgO/Au resistive random access memory for improved electronic synapse performance. Journal of Applied Physics, 2022, 132, 014502.	2.5	2

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19	Functional Fibers and Fabrics for Soft Robotics, Wearables, and Human-Robot Interface. <i>Advanced Materials</i> , 2021, 33, e2002640.	21.0	278
20	Locomotion of Miniature Soft Robots. <i>Advanced Materials</i> , 2021, 33, e2003558.	21.0	95
21	Stretchable Energy Storage Devices: From Materials and Structural Design to Device Assembly. <i>Advanced Energy Materials</i> , 2021, 11, 2003308.	19.5	61
22	Electrochemical Supercapacitors: From Mechanism Understanding to Multifunctional Applications. <i>Advanced Energy Materials</i> , 2021, 11, 2003311.	19.5	109
23	Recent Progress in Artificial Muscles for Interactive Soft Robotics. <i>Advanced Materials</i> , 2021, 33, e2003088.	21.0	139
24	A Tailorable Spray-Assembly Strategy of Silver Nanowires-Bundle Mesh for Transferable High-Performance Transparent Conductor. <i>Advanced Functional Materials</i> , 2021, 31, .	14.9	32
25	Surface modification of liquid metal as an effective approach for deformable electronics and energy devices. <i>Chemical Science</i> , 2021, 12, 2760-2777.	7.4	49
26	Towards Control of the Size, Composition and Surface Area of NiO Nanostructures by Sn Doping. <i>Nanomaterials</i> , 2021, 11, 444.	4.1	9
27	Emerging Thermal Technology Enabled Augmented Reality. <i>Advanced Functional Materials</i> , 2021, 31, 2007952.	14.9	35
28	Breathable Nanogenerators for an On-Plant Self-Powered Sustainable Agriculture System. <i>ACS Nano</i> , 2021, 15, 5307-5315.	14.6	99
29	Three dimensional printed nanogenerators. <i>EcoMat</i> , 2021, 3, e12098.	11.9	16
30	Three-dimensional printing of tactile sensors for soft robotics. <i>MRS Bulletin</i> , 2021, 46, 330-336.	3.5	10
31	Zinc-Ion Hybrid Supercapacitors: Progress and Future Perspective. <i>Batteries and Supercaps</i> , 2021, 4, 1529-1546.	4.7	48
32	Ingenuity of Materials and Designs in Soft Robotics. <i>Advanced Materials</i> , 2021, 33, e2007638.	21.0	1
33	Artificial Muscles: Recent Progress in Artificial Muscles for Interactive Soft Robotics ( <i>Adv. Mater.</i> )	21.0	2
34	Sustainable wearable energy storage devices self-charged by human-body bioenergy. <i>SusMat</i> , 2021, 1, 285-302.	14.9	60
35	Synergistic Effect of PVDF-Coated PCL-TCP Scaffolds and Pulsed Electromagnetic Field on Osteogenesis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6438.	4.1	16
36	Rugged Soft Robots using Tough, Stretchable, and Self-Healable Adhesive Elastomers. <i>Advanced Functional Materials</i> , 2021, 31, 2103097.	14.9	77

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37	Deformable High Loading Liquid Metal Nanoparticles Composites for Thermal Energy Management. <i>Advanced Energy Materials</i> , 2021, 11, 2101387.	19.5	47
38	Berkovich nanoindentation study of 16Ånm Cu/Nb ARB nanolaminate: Effect of anisotropy on the surface pileup. <i>MRS Advances</i> , 2021, 6, 495-499.	0.9	3
39	Printable elastomeric electrodes with sweat-enhanced conductivity for wearables. <i>Science Advances</i> , 2021, 7, .	10.3	50
40	Zinc-Ion Hybrid Supercapacitors: Progress and Future Perspective. <i>Batteries and Supercaps</i> , 2021, 4, 1527-1528.	4.7	4
41	Electropolymerized 1D Growth Coordination Polymer for Hybrid Electrochromic Aqueous Zinc Battery. <i>Advanced Science</i> , 2021, 8, e2101944.	11.2	27
42	Ferroelastic-switching-driven large shear strain and piezoelectricity in a hybrid ferroelectric. <i>Nature Materials</i> , 2021, 20, 612-617.	27.5	87
43	Robust Trioptical-State Electrochromic Energy Storage Device Enabled by Reversible Metal Electrodeposition. <i>ACS Energy Letters</i> , 2021, 6, 4328-4335.	17.4	36
44	Magnetically Directed Co-nanoinitiators for Cross-Linking Adhesives and Enhancing Mechanical Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 57851-57863.	8.0	2
45	Continuous Tuning of the Fermi Level in Disorder-Engineered Amorphous Films of Li-Doped ZnO for Thermoelectric Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 55029-55039.	8.0	3
46	Rational Design of Nanostructured Electrode Materials toward Multifunctional Supercapacitors. <i>Advanced Functional Materials</i> , 2020, 30, 1902564.	14.9	252
47	Transparent Flexible Polymer Actuator with Enhanced Output Force Enabled by Conductive Nanowires Interlayer. <i>Advanced Materials Technologies</i> , 2020, 5, 1900762.	5.8	15
48	Multifunctional Supercapacitors: Rational Design of Nanostructured Electrode Materials toward Multifunctional Supercapacitors (Adv. Funct. Mater. 2/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070008.	14.9	7
49	Uncovering the Indium Filament Revolution in Transparent Bipolar ITO/SiO <sub>2</sub> /ITO Resistive Switching Memories. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 4579-4585.	8.0	17
50	Water-Processable, Stretchable, Self-Healable, Thermally Stable, and Transparent Ionic Conductors for Actuators and Sensors. <i>Advanced Materials</i> , 2020, 32, e1906679.	21.0	119
51	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.	8.6	106
52	Emerging Soft Conductors for Bioelectronic Interfaces. <i>Advanced Functional Materials</i> , 2020, 30, 1907184.	14.9	70
53	Tri-rutile layered niobium-molybdates for all solid-state symmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , 2020, 8, 20141-20150.	10.3	6
54	Self-healable sticky porous elastomer for gas-solid interacted power generation. <i>Science Advances</i> , 2020, 6, eabb4246.	10.3	88

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55	All 3D Printed Stretchable Piezoelectric Nanogenerator for Self-Powered Sensor Application. <i>Sensors</i> , 2020, 20, 6748.	3.8	21
56	Mechanically interlocked stretchable nanofibers for multifunctional wearable triboelectric nanogenerator. <i>Nano Energy</i> , 2020, 78, 105358.	16.0	88
57	One-dimensional Conjugated Coordination Polymer for Electrochromic Energy Storage Device with Exceptionally High Performance. <i>Advanced Science</i> , 2020, 7, 1903109.	11.2	72
58	A Quasi-Solid-State Tristate Reversible Electrochemical Mirror Device with Enhanced Stability. <i>Advanced Science</i> , 2020, 7, 1903198.	11.2	26
59	Inkjet-Printed Iontronics for Transparent, Elastic, and Strain-Insensitive Touch Sensing Matrix. <i>Advanced Intelligent Systems</i> , 2020, 2, 2000088.	6.1	15
60	All 3D-printed stretchable piezoelectric nanogenerator with non-protruding kirigami structure. <i>Nano Energy</i> , 2020, 72, 104676.	16.0	161
61	Molecular Level Assembly for High-Performance Flexible Electrochromic Energy-Storage Devices. <i>ACS Energy Letters</i> , 2020, 5, 1159-1166.	17.4	126
62	Reversible Electrochemical Mirror Devices: A Quasi-Solid-State Tristate Reversible Electrochemical Mirror Device with Enhanced Stability ( <i>Adv. Sci.</i> 13/2020). <i>Advanced Science</i> , 2020, 7, 2070073.	11.2	2
63	Photothermal actuated origamis based on graphene oxide-cellulose programmable bilayers. <i>Nanoscale Horizons</i> , 2020, 5, 730-738.	8.0	32
64	Ionic Conductors: Water-Processable, Stretchable, Self-Healable, Thermally Stable, and Transparent Ionic Conductors for Actuators and Sensors ( <i>Adv. Mater.</i> 7/2020). <i>Advanced Materials</i> , 2020, 32, 2070048.	21.0	3
65	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.	27.0	42
66	Nuclear wastewater decontamination by 3D-Printed hierarchical zeolite monoliths. <i>RSC Advances</i> , 2020, 10, 5766-5776.	3.6	42
67	Rectifying ionic current with ionoelastomers. <i>Science</i> , 2020, 367, 735-736.	12.6	15
68	Stretchable and Wearable Resistive Switching Random-Access Memory. <i>Advanced Intelligent Systems</i> , 2020, 2, 2000007.	6.1	24
69	Synthesis through 3D printing: formation of 3D coordination polymers. <i>RSC Advances</i> , 2020, 10, 14812-14817.	3.6	17
70	Progress on wearable triboelectric nanogenerators in shapes of fiber, yarn, and textile. <i>Science and Technology of Advanced Materials</i> , 2019, 20, 837-857.	6.1	79
71	Ti <sub>3</sub> C <sub>2</sub> MXene Paper for the Effective Adsorption and Controllable Release of Aroma Molecules. <i>Small</i> , 2019, 15, e1903281.	10.0	32
72	Transparent and stretchable bimodal triboelectric nanogenerators with hierarchical micro-nanostructures for mechanical and water energy harvesting. <i>Nano Energy</i> , 2019, 64, 103904.	16.0	85

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73	Leaf-inspired multiresponsive MXene-based actuator for programmable smart devices. <i>Science Advances</i> , 2019, 5, eaaw7956.	10.3	213
74	Smart Windows: Electro-, Thermo-, Mechano-, Photochromics, and Beyond. <i>Advanced Energy Materials</i> , 2019, 9, 1902066.	19.5	383
75	Smart Windows: Smart Windows: Electro-, Thermo-, Mechano-, Photochromics, and Beyond ( <i>Adv. Energy</i> ) <a href="#">TjETQq110784314</a>	19.5	12
76	Piezoelectric Energy Harvesting with an Ultrasonic Vibration Source. <i>Actuators</i> , 2019, 8, 8.	2.3	8
77	Enhancing dynamic actuation performance of dielectric elastomer actuators by tuning viscoelastic effects with polar crosslinking. <i>NPG Asia Materials</i> , 2019, 11, .	7.9	40
78	Advances in self-healing supramolecular soft materials and nanocomposites. <i>Nano Convergence</i> , 2019, 6, 29.	12.1	52
79	Progress on triboelectric nanogenerator with stretchability, self-healability and bio-compatibility. <i>Nano Energy</i> , 2019, 59, 237-257.	16.0	151
80	Interaction of Copper Phthalocyanine with Nitrogen Dioxide and Ammonia Investigation Using X-ray Absorption Spectroscopy and Chemiresistive Gas Measurements. <i>ACS Omega</i> , 2019, 4, 10388-10395.	3.5	27
81	Ultrafast Laser Pulses Enable One-Step Graphene Patterning on Woods and Leaves for Green Electronics. <i>Advanced Functional Materials</i> , 2019, 29, 1902771.	14.9	138
82	Extremely stretchable and self-healing conductor based on thermoplastic elastomer for all-three-dimensional printed triboelectric nanogenerator. <i>Nature Communications</i> , 2019, 10, 2158.	12.8	308
83	Self-restoring, waterproof, tunable microstructural shape memory triboelectric nanogenerator for self-powered water temperature sensor. <i>Nano Energy</i> , 2019, 61, 584-593.	16.0	117
84	A high-performance soft actuator based on a poly(vinylidene fluoride) piezoelectric bimorph. <i>Smart Materials and Structures</i> , 2019, 28, 055011.	3.5	23
85	3D Printing of a Thermo- and Solvatochromic Composite Material Based on a Cu(II)-Thymine Coordination Polymer with Moisture Sensing Capabilities. <i>Advanced Functional Materials</i> , 2019, 29, 1808424.	14.9	35
86	Reconfigurable and programmable origami dielectric elastomer actuators with 3D shape morphing and emissive architectures. <i>NPG Asia Materials</i> , 2019, 11, .	7.9	21
87	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> , 2019, 29, 1807753.	14.9	72
88	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.	4.7	5
89	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.	3.7	40
90	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.	21.0	209

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91	Printable Superelastic Conductors with Extreme Stretchability and Robust Cycling Endurance Enabled by Liquidâ€Metal Particles. <i>Advanced Materials</i> , 2018, 30, e1706157.	21.0	208
92	Direct inkjet-patterning of energy efficient flexible electrochromics. <i>Nano Energy</i> , 2018, 49, 147-154.	16.0	78
93	Deformable conductors for humanâ€machine interface. <i>Materials Today</i> , 2018, 21, 508-526.	14.2	163
94	Metal Organic Framework: Hydrolytically Stable MOF in 3Dâ€Printed Structures (Adv. Sustainable Syst.) Tj ETQq0 0.0 rgBT /Qverlock 10	5.3	1
95	Hydrolytically Stable MOF in 3Dâ€Printed Structures. <i>Advanced Sustainable Systems</i> , 2018, 2, 1700150.	5.3	54
96	Core-shell nanofiber mats for tactile pressure sensor and nanogenerator applications. <i>Nano Energy</i> , 2018, 44, 248-255.	16.0	216
97	Recent Advances in Flexible Electrochromic Devices: Prerequisites, Challenges, and Prospects. <i>Energy Technology</i> , 2018, 6, 33-45.	3.8	155
98	Inkjet-printed metal oxide nanoparticles on elastomer for strain-adaptive transmissive electrochromic energy storage systems. <i>Science and Technology of Advanced Materials</i> , 2018, 19, 759-770.	6.1	44
99	Fully laser-patterned stretchable microsupercapacitors integrated with soft electronic circuit components. <i>NPG Asia Materials</i> , 2018, 10, 959-969.	7.9	56
100	<i>Diphyllia grayi</i>-Inspired Stretchable Hydrochromics with Large Optical Modulation in the Visibleâ€Near-Infrared Region. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 37685-37693.	8.0	29
101	Skin-touch-actuated textile-based triboelectric nanogenerator with black phosphorus for durable biomechanical energy harvesting. <i>Nature Communications</i> , 2018, 9, 4280.	12.8	433
102	A Nonpresodiate Sodiumâ€Ion Capacitor with High Performance. <i>Small</i> , 2018, 14, e1804035.	10.0	36
103	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> , 2018, 10, 406-416.	7.9	55
104	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.	4.7	18
105	Rational Design of Amphiphilic Peptides and Its Effect on Antifouling Performance. <i>Biomacromolecules</i> , 2018, 19, 3620-3627.	5.4	15
106	A Deformable and Highly Robust Ethyl Cellulose Transparent Conductor with a Scalable Silver Nanowires Bundle Micromesh. <i>Advanced Materials</i> , 2018, 30, e1802803.	21.0	95
107	Energy-Efficient Flexible Electrochromic Display: A Promising Trend In The Development Of Smart Displays. , 2018, , .		0
108	Progress and Prospects in Stretchable Electroluminescent Devices. <i>Nanophotonics</i> , 2017, 6, 435-451.	6.0	35

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109	Direct Observation of Indium Conductive Filaments in Transparent, Flexible, and Transferable Resistive Switching Memory. ACS Nano, 2017, 11, 1712-1718.	14.6	83
110	Water Energy Harvesting: Flexible Superamphiphobic Film for Water Energy Harvesting (Adv. Mater.)	9.8	10
111	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, .	11.2	4
112	Capacitors: A High-Performance Lithium-Ion Capacitor Based on 2D Nanosheet Materials (Small 6/2017). Small, 2017, 13, .	10.0	2
113	Coaxial Ag-base metal nanowire networks with high electrochemical stability for transparent and stretchable asymmetric supercapacitors. Nanoscale Horizons, 2017, 2, 199-204.	8.0	63
114	NiMn layered double hydroxides as efficient electrocatalysts for the oxygen evolution reaction and their application in rechargeable Zn-air batteries. Nanoscale, 2017, 9, 774-780.	5.6	130
115	Carbon Coated Bimetallic Sulfide Hollow Nanocubes as Advanced Sodium Ion Battery Anode. Advanced Energy Materials, 2017, 7, 1700180.	19.5	130
116	Self-powered pressure sensor for ultra-wide range pressure detection. Nano Research, 2017, 10, 3557-3570.	10.4	117
117	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.	5.6	126
118	A copper-based reversible electrochemical mirror device with switchability between transparent, blue, and mirror states. Journal of Materials Chemistry C, 2017, 5, 6547-6554.	5.5	35
119	Multi-responsive supercapacitors: Smart solution to store electrical energy. Materials Today Energy, 2017, 4, 41-57.	4.7	39
120	Inkjet Printed Large Area Multifunctional Smart Windows. Advanced Energy Materials, 2017, 7, 1602598.	19.5	239
121	Fast charging self-powered electric double layer capacitor. Journal of Power Sources, 2017, 342, 70-78.	7.8	98
122	Recent progress in layered transition metal carbides and/or nitrides (MXenes) and their composites: synthesis and applications. Journal of Materials Chemistry A, 2017, 5, 3039-3068.	10.3	625
123	Recent Advances in Electrochromic Smart Fenestration. Advanced Sustainable Systems, 2017, 1, 1700074.	5.3	110
124	Transparent, Flexible Cellulose Nanofibril-Phosphorene Hybrid Paper as Triboelectric Nanogenerator. Advanced Materials Interfaces, 2017, 4, 1700651.	3.7	97
125	Deformable and Transparent Ionic and Electronic Conductors for Soft Energy Devices. Advanced Energy Materials, 2017, 7, 1701369.	19.5	63
126	Investigation of Charge Transfer Kinetics at Carbon/Hydroquinone Interfaces for Redox-Active-Electrolyte Supercapacitors. ACS Applied Materials & Interfaces, 2017, 9, 33728-33734.	8.0	25



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127	Interplay of Nanoscale, Hybrid P3HT/ZTO Interface on Optoelectronics and Photovoltaic Cells. ACS Applied Materials & Interfaces, 2017, 9, 33212-33219.	8.0	10
128	Ti-Doped WO <sub>3</sub> synthesized by a facile wet bath method for improved electrochromism. Journal of Materials Chemistry C, 2017, 5, 9995-10000.	5.5	43
129	Wearable All-Polymer-Based Triboelectric Generator for Water Energy Harvesting. Advanced Energy Materials, 2017, 7, 1701243.	19.5	220
130	Highly Transparent, Stretchable, and Self-Healing Ionic-Skin Triboelectric Nanogenerators for Energy Harvesting and Touch Applications. Advanced Materials, 2017, 29, 1702181.	21.0	322
131	Electrochemical Approach for Effective Antifouling and Antimicrobial Surfaces. ACS Applied Materials & Interfaces, 2017, 9, 26503-26509.	8.0	33
132	Localized Charge Transfer in Two-Dimensional Molybdenum Trioxide. ACS Applied Materials & Interfaces, 2017, 9, 27045-27053.	8.0	10
133	Nanogenerators: Transparent, Flexible Cellulose Nanofibril-Phosphorene Hybrid Paper as Triboelectric Nanogenerator (Adv. Mater. Interfaces 22/2017). Advanced Materials Interfaces, 2017, 4, .	3.7	1
134	A Stretchable and Transparent Nanocomposite Nanogenerator for Self-Powered Physiological Monitoring. ACS Applied Materials & Interfaces, 2017, 9, 42200-42209.	8.0	131
135	Multi-layered metal nanocrystals in a sol-gel spin-on-glass matrix for flash memory applications. Materials Chemistry and Physics, 2017, 186, 36-43.	4.0	4
136	Flexible Superamphiphobic Film for Water Energy Harvesting. Advanced Materials Technologies, 2017, 2, 1600186.	5.8	51
137	Extremely Stretchable Strain Sensors Based on Conductive Self-Healing Dynamic Cross-Links Hydrogels for Human-Motion Detection. Advanced Science, 2017, 4, 1600190.	11.2	728
138	A High-Performance Lithium-Ion Capacitor Based on 2D Nanosheet Materials. Small, 2017, 13, 1602893.	10.0	70
139	A semitransparent snake-like tactile and olfactory bionic sensor with reversibly stretchable properties. NPG Asia Materials, 2017, 9, e437-e437.	7.9	22
140	Development and applications of transparent conductive nanocellulose paper. Science and Technology of Advanced Materials, 2017, 18, 620-633.	6.1	64
141	Next-Generation Multifunctional Electrochromic Devices. Accounts of Chemical Research, 2016, 49, 1469-1476.	15.6	516
142	Electroluminescent Devices: Extremely Stretchable Electroluminescent Devices with Ionic Conductors (Adv. Mater. 22/2016). Advanced Materials, 2016, 28, 4489-4489.	21.0	1
143	Bridging Unilamellar Nanosheets for High Performance Additive-Free Supercapacitor Electrodes. Advanced Materials Interfaces, 2016, 3, 1600108.	3.7	3
144	Amorphous-Si-Based Resistive Switching Memories with Highly Reduced Electroforming Voltage and Enlarged Memory Window. Advanced Electronic Materials, 2016, 2, 1500370.	5.1	23

#	ARTICLE	IF	CITATIONS
145	Special proceedings of the Symposium A: "Advances in energy storage systems: lithium batteries, supercapacitors and beyond", during ICMAT 2015, June 28-July 3, Singapore. Journal of Solid State Electrochemistry, 2016, 20, 1819-1820.	2.5	1
146	Self-powered graphene thermistor. Nano Energy, 2016, 26, 586-594.	16.0	27
147	Highly Stable Transparent Conductive Silver Grid/PEDOT:PSS Electrodes for Integrated Bifunctional Flexible Electrochromic Supercapacitors. Advanced Energy Materials, 2016, 6, 1501882.	19.5	391
148	Hexagonal Boron Nitride Thin Film for Flexible Resistive Memory Applications. Advanced Functional Materials, 2016, 26, 2176-2184.	14.9	167
149	Design of Mixed-Metal Silver Decamolybdate Nanostructures for High Specific Energies at High Power Density. Advanced Materials, 2016, 28, 6966-6975.	21.0	35
150	Sulfidation of NiMn-Layered Double Hydroxides/Graphene Oxide Composites toward Supercapacitor Electrodes with Enhanced Performance. Advanced Energy Materials, 2016, 6, 1501745.	19.5	254
151	Foldable Electronic Devices: Highly Transparent Conducting Nanopaper for Solid State Foldable Electrochromic Devices (Small 46/2016). Small, 2016, 12, 6418-6418.	10.0	0
152	A light-stimulated synaptic transistor with synaptic plasticity and memory functions based on InGaZnOx-Al2O3 thin film structure. Journal of Applied Physics, 2016, 119, .	2.5	153
153	Thickness-dependent sensitivity of Copper Phthalocyanine chemiresistive Nitrogen Dioxide sensors. , 2016, , .		1
154	Coexistence of Write Once Read Many Memory and Memristor in blend of Poly(3,4-ethylenedioxythiophene): polystyrene sulfonate and Polyvinyl Alcohol. Scientific Reports, 2016, 6, 38816.	3.3	18
155	Supercapacitors: Highly Stable Transparent Conductive Silver Grid/PEDOT:PSS Electrodes for Integrated Bifunctional Flexible Electrochromic Supercapacitors (Adv. Energy Mater. 4/2016). Advanced Energy Materials, 2016, 6, n/a-n/a.	19.5	2
156	Physical and electrical properties of bilayer CeO2/TiO2 gate dielectric stack. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2016, 210, 57-63.	3.5	7
157	Polymer Light-Emitting Electrochemical Cell Blends Based on Selection of Lithium Salts, LiX [X = Trifluoromethanesulfonate, Hexafluorophosphate, and Bis(trifluoromethylsulfonyl)imide] with Low Turn-On Voltage. Journal of Physical Chemistry C, 2016, 120, 11324-11330.	3.1	15
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