

# Lingling Shui

## List of Publications by Year in descending order

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121  
papers

3,430  
citations

117625

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175258

52  
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122  
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122  
docs citations

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times ranked

3530  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strain Engineering of a MXene/CNT Hierarchical Porous Hollow Microsphere Electrocatalyst for a High-Efficiency Lithium Polysulfide Conversion Process. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2371-2378.	13.8	176
2	Hierarchical Defective Fe <sub>3</sub> C@C Hollow Microsphere Enables Fast and Long-Lasting Lithium-Sulfur Batteries. <i>Advanced Functional Materials</i> , 2020, 30, 2001165.	14.9	144
3	Engineering the Conductive Network of Metal Oxide-Based Sulfur Cathode toward Efficient and Longevous Lithium-Sulfur Batteries. <i>Advanced Energy Materials</i> , 2020, 10, 2002076.	19.5	126
4	Efficient and carbon-based hole transport layer-free CsPb <sub>2</sub> Br planar perovskite solar cells using PMMA modification. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3852-3861.	5.5	102
5	Charge Trapping-Based Electricity Generator (CTEG): An Ultrarobust and High Efficiency Nanogenerator for Energy Harvesting from Water Droplets. <i>Advanced Materials</i> , 2020, 32, e2001699.	21.0	99
6	Electrolyte Design for Lithium Metal Anode-Based Batteries Toward Extreme Temperature Application. <i>Advanced Science</i> , 2021, 8, e2101051.	11.2	95
7	Coordinatively Deficient Single-atom Fe-N-C Electrocatalyst with Optimized Electronic Structure for High-performance Lithium-sulfur Batteries. <i>Energy Storage Materials</i> , 2022, 46, 269-277.	18.0	95
8	Design of Quasi-MOF Nanospheres as a Dynamic Electrocatalyst toward Accelerated Sulfur Reduction Reaction for High-Performance Lithium-Sulfur Batteries. <i>Advanced Materials</i> , 2022, 34, e2105541.	21.0	87
9	Insights into the mechanism of the enhanced visible-light photocatalytic activity of black phosphorus/BiVO <sub>4</sub> heterostructure: a first-principles study. <i>Journal of Materials Chemistry A</i> , 2018, 6, 19167-19175.	10.3	86
10	Interfacial tension controlled W/O and O/W 2-phase flows in microchannel. <i>Lab on A Chip</i> , 2009, 9, 795-801.	6.0	83
11	High-sensitive electrochemical sensor for determination of Norfloxacin and its metabolism using MWCNT-CPE/pRGO-ANSA/Au. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 1065-1075.	7.8	81
12	Scalable attoliter monodisperse droplet formation using multiphase nano-microfluidics. <i>Microfluidics and Nanofluidics</i> , 2011, 11, 87-92.	2.2	72
13	Promoting the Hole Extraction with Co <sub>3</sub> O <sub>4</sub> Nanomaterials for Efficient Carbon-Based CsPb <sub>2</sub> Br Perovskite Solar Cells. <i>Solar Rrl</i> , 2019, 3, 1800315.	5.8	65
14	Porous organic polymers for Li-chemistry-based batteries: functionalities and characterization studies. <i>Chemical Society Reviews</i> , 2022, 51, 2917-2938.	38.1	65
15	The distinctive phase stability and defect physics in CsPb <sub>2</sub> Br perovskite. <i>Journal of Materials Chemistry A</i> , 2019, 7, 20201-20207.	10.3	64
16	Direct Growth of Oxygen Vacancy-Enriched Co <sub>3</sub> O <sub>4</sub> Nanosheets on Carbon Nanotubes for High-Performance Supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 4419-4428.	8.0	55
17	Efficient and stable CH <sub>3</sub> NH <sub>3</sub> Pb <sub>3-x</sub> (SCN) <sub>x</sub> planar perovskite solar cells fabricated in ambient air with low-temperature process. <i>Journal of Power Sources</i> , 2018, 377, 52-58.	7.8	53
18	Dissolving Vanadium into Titanium Nitride Lattice Framework for Rational Polysulfide Regulation in Li-S Batteries. <i>Advanced Energy Materials</i> , 2021, 11, 2003020.	19.5	52

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19	Enhanced performance of CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3</sub> x Cl x perovskite solar cells by CH <sub>3</sub> NH <sub>3</sub> I modification of TiO <sub>2</sub> -perovskite layer interface. <i>Nanoscale Research Letters</i> , 2016, 11, 316.	5.7	50
20	Electrochemical sensor integrated microfluidic device for sensitive and simultaneous quantification of dopamine and 5-hydroxytryptamine. <i>Sensors and Actuators B: Chemical</i> , 2018, 273, 873-883.	7.8	49
21	Enhancing the efficiency of low-temperature planar perovskite solar cells by modifying the interface between perovskite and hole transport layer with polymers. <i>Electrochimica Acta</i> , 2018, 261, 445-453.	5.2	46
22	A review on self-assembly in microfluidic devices. <i>Journal of Micromechanics and Microengineering</i> , 2017, 27, 113002.	2.6	45
23	Molecularly imprinted polymer decorated 3D-framework of functionalized multi-walled carbon nanotubes for ultrasensitive electrochemical sensing of Norfloxacin in pharmaceutical formulations and rat plasma. <i>Sensors and Actuators B: Chemical</i> , 2019, 288, 363-372.	7.8	44
24	Single-Cell Phenotypic Profiling of CTCs in Whole Blood Using an Integrated Microfluidic Device. <i>Analytical Chemistry</i> , 2019, 91, 11078-11084.	6.5	41
25	Electrowetting on liquid-infused membrane for flexible and reliable digital droplet manipulation and application. <i>Sensors and Actuators B: Chemical</i> , 2019, 291, 470-477.	7.8	41
26	Electrically Controlled Localized Charge Trapping at Amorphous Fluoropolymer-Electrolyte Interfaces. <i>Small</i> , 2020, 16, e1905726.	10.0	41
27	A Solution-Processed Dopant-Free Tin Phthalocyanine (SnPc) Hole Transport Layer for Efficient and Stable Carbon-Based CsPbI <sub>2</sub> Br Planar Perovskite Solar Cells Prepared by a Low-Temperature Process. <i>ACS Applied Energy Materials</i> , 2020, 3, 7832-7843.	5.1	41
28	Synthesis of visible-light-driven BiOBr <sub>1-x</sub> solid solution nanoplates by ultrasound-assisted hydrolysis method with tunable bandgap and superior photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2018, 732, 167-177.	5.5	39
29	Amorphous-crystalline-heterostructured niobium oxide as two-in-one host matrix for high-performance lithium-sulfur batteries. <i>Journal of Materials Chemistry A</i> , 2021, 9, 11160-11167.	10.3	39
30	Interfacial Complexation Induced Controllable Fabrication of Stable Polyelectrolyte Microcapsules Using All-Aqueous Droplet Microfluidics for Enzyme Release. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 21227-21238.	8.0	38
31	Core-Shell MoS <sub>2</sub> @CoO Electrocatalyst for Water Splitting in Neutral and Alkaline Solutions. <i>Journal of Physical Chemistry C</i> , 2019, 123, 5833-5839.	3.1	38
32	Microfluidics Assisted Fabrication of Three-Tier Hierarchical Microparticles for Constructing Bioinspired Surfaces. <i>ACS Nano</i> , 2019, 13, 3638-3648.	14.6	37
33	Establishing the Preferential Adsorption of Anion-Dominated Solvation Structures in the Electrolytes for High-Energy-Density Lithium Metal Batteries. <i>Advanced Functional Materials</i> , 2021, 31, 2011109.	14.9	37
34	Cell elasticity measurement using a microfluidic device with real-time pressure feedback. <i>Lab on A Chip</i> , 2020, 20, 2343-2353.	6.0	36
35	Geometry-controlled droplet generation in head-on microfluidic devices. <i>Applied Physics Letters</i> , 2008, 93, .	3.3	35
36	Two-phase microfluidics in electrowetting displays and its effect on optical performance. <i>Biomicrofluidics</i> , 2016, 10, 011908.	2.4	35

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37	Synthesis and characterization of mesoporous BiVO <sub>4</sub> nanofibers with enhanced photocatalytic water oxidation performance. <i>Applied Surface Science</i> , 2019, 481, 255-261.	6.1	35
38	Continuous fabrication of microcapsules with controllable metal covered nanoparticle arrays using droplet microfluidics for localized surface plasmon resonance. <i>Lab on A Chip</i> , 2017, 17, 1970-1979.	6.0	33
39	A simple capillary-based open microfluidic device for size on-demand high-throughput droplet/bubble/microcapsule generation. <i>Lab on A Chip</i> , 2018, 18, 2806-2815.	6.0	33
40	Multiphase flow in lab on chip devices: A real tool for the future?. <i>Lab on A Chip</i> , 2008, 8, 1010.	6.0	32
41	In-Channel Responsive Surface Wettability for Reversible and Multiform Emulsion Droplet Preparation and Applications. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 16934-16943.	8.0	32
42	Driving Waveform Design of Electrowetting Displays Based on an Exponential Function for a Stable Grayscale and a Short Driving Time. <i>Micromachines</i> , 2020, 11, 313.	2.9	31
43	Cesium-Doped Graphene Quantum Dots as Ratiometric Fluorescence Sensors for Blood Glucose Detection. <i>ACS Applied Nano Materials</i> , 2021, 4, 8437-8446.	5.0	31
44	Redox-responsive organometallic microgel particles prepared from poly(ferrocenylsilane)s generated using microfluidics. <i>Chemical Communications</i> , 2014, 50, 3058-3060.	4.1	29
45	Uniform honeycomb CNT-microparticles prepared via droplet-microfluidics and sacrificial nanoparticles for electrochemical determination of methyl parathion. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128517.	7.8	28
46	High performance planar perovskite solar cells based on CH <sub>3</sub> NH <sub>3</sub> PbI <sub>3-x</sub> (SCN) <sub>x</sub> perovskite film and SnO <sub>2</sub> electron transport layer prepared in ambient air with 70% humidity. <i>Electrochimica Acta</i> , 2018, 260, 468-476.	5.2	27
47	Janus Nanoparticles with Tunable Amphiphilicity for Stabilizing Pickering-Emulsion Droplets via Assembly Behavior at Oil/Water Interfaces. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 26374-26383.	8.0	26
48	Triple signal-enhancing electrochemical aptasensor based on rhomboid dodecahedra carbonized-ZIF67 for ultrasensitive CRP detection. <i>Biosensors and Bioelectronics</i> , 2022, 207, 114129.	10.1	26
49	Screen-printing fabrication of electrowetting displays based on poly(imide siloxane) and polyimide. <i>Displays</i> , 2015, 37, 79-85.	3.7	25
50	Polarity-induced electronic and atomic reconstruction at NdNiO <sub>2</sub> /SrTiO <sub>3</sub> interfaces. <i>Physical Review B</i> , 2020, 102, .	3.2	25
51	Capillary instability, squeezing, and shearing in head-on microfluidic devices. <i>Journal of Applied Physics</i> , 2009, 106, .	2.5	24
52	Influence of fluoropolymer surface wettability on electrowetting display performance. <i>Displays</i> , 2018, 53, 47-53.	3.7	24
53	Microfluidic fabrication of responsive hierarchical microscale particles from macroscale materials and nanoscale particles. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 78-91.	7.8	23
54	Improving the performance of low-temperature planar perovskite solar cells by adding functional fullerene end-capped polyethylene glycol derivatives. <i>Journal of Power Sources</i> , 2018, 396, 49-56.	7.8	23

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55	High-throughput and ultra-sensitive single-cell profiling of multiple microRNAs and identification of human cancer. <i>Chemical Communications</i> , 2019, 55, 10404-10407.	4.1	22
56	Nitrogen defects-rich porous graphitic carbon nitride for efficient photocatalytic hydrogen evolution. <i>Journal of Colloid and Interface Science</i> , 2020, 578, 788-795.	9.4	22
57	Microfluidic Magnetic Analyte Delivery Technique for Separation, Enrichment, and Fluorescence Detection of Ultratrace Biomarkers. <i>Analytical Chemistry</i> , 2021, 93, 8273-8280.	6.5	22
58	Plasmonic Nanocrystal Arrays on Photonic Crystals with Tailored Optical Resonances. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 37657-37669.	8.0	21
59	Bimetallic Hollow Tubular NiCoO <sub>x</sub> as a Bifunctional Electrocatalyst for Enhanced Oxygen Reduction and Evolution Reaction. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 7334-7342.	8.0	21
60	An Electrochemical Sensor for Determination of Vitamin B <sub>2</sub> and B <sub>6</sub> Based on AuNPs@PDA-RGO Modified Glassy Carbon Electrode. <i>Journal of the Electrochemical Society</i> , 2019, 166, B821-B829.	2.9	20
61	Engineering checkerboard-like heterostructured sulfur electrocatalyst towards high-performance lithium sulfur batteries. <i>Chemical Engineering Journal</i> , 2022, 440, 135990.	12.7	20
62	Ag nano-assemblies on Si surface via CTAB-assisted galvanic reaction for sensitive and reliable surface-enhanced Raman scattering detection. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127224.	7.8	19
63	A sensitive electrochemical sensor based on wrinkled mesoporous carbon nanomaterials for rapid and reliable assay of 17 $\beta$ -estradiol. <i>Electrochimica Acta</i> , 2022, 408, 139960.	5.2	18
64	A Mixed Antisolvent-Assisted Crystallization Strategy for Efficient All-Inorganic CsPbIBr <sub>2</sub> Perovskite Solar Cells by a Low-Temperature Process. <i>ACS Applied Energy Materials</i> , 2022, 5, 2881-2889.	5.1	18
65	Multilevel Spherical Photonic Crystals with Controllable Structures and Structure-Enhanced Functionalities. <i>Advanced Optical Materials</i> , 2020, 8, 1902164.	7.3	16
66	Chemical vapor deposition of amorphous molybdenum sulphide on black phosphorus for photoelectrochemical water splitting. <i>Journal of Materials Science and Technology</i> , 2021, 68, 1-7.	10.7	16
67	Emergent Ferroelectricity in Otherwise Nonferroelectric Oxides by Oxygen Vacancy Design at Heterointerfaces. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 45602-45610.	8.0	15
68	Novel 2D/2D BiOBr/UMOFNs direct Z-scheme photocatalyst for efficient phenol degradation. <i>Nanotechnology</i> , 2021, 32, 045711.	2.6	15
69	Accurate Isolation of Circulating Tumor Cells via a Heterovalent DNA Framework Recognition Element-Functionalized Microfluidic Chip. <i>ACS Sensors</i> , 2022, 7, 666-673.	7.8	15
70	Guiding particles along arbitrary trajectories by circular Pearcey-like vortex beams. <i>Physical Review A</i> , 2022, 106, .	2.5	15
71	&lt;p&gt;Fabrication of Photo-Crosslinkable Poly(Trimethylene Carbonate)/Polycaprolactone Nanofibrous Scaffolds for Tendon Regeneration&lt;p&gt;. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 6373-6383.	6.7	14
72	Enhanced performance and stability of ambient-processed CH <sub>3</sub> NH <sub>3</sub> Pb <sub>1-x</sub> (SCN) <sub>x</sub> planar perovskite solar cells by introducing ammonium salts. <i>Applied Surface Science</i> , 2020, 513, 145790.	6.1	14

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73	A highly efficient preconcentration route for rapid and sensitive detection of endotoxin based on an electrochemical biosensor. <i>Analyst</i> , The, 2020, 145, 4204-4211.	3.5	13
74	Boosting the performance of low-temperature processed CsPbI <sub>2</sub> Br planar perovskite solar cells by interface engineering. <i>Dyes and Pigments</i> , 2021, 186, 109024.	3.7	13
75	Strain Engineering of a MXene/CNT Hierarchical Porous Hollow Microsphere Electrocatalyst for a High-Efficiency Lithium Polysulfide Conversion Process. <i>Angewandte Chemie</i> , 2021, 133, 2401-2408.	2.0	13
76	4-Bromoaniline Passivation for Efficient and Stable All-Inorganic CsPbI <sub>2</sub> Br Planar Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2021, 4, 5415-5423.	5.1	12
77	Guanidine Thiocyanate-Induced High-Quality Perovskite Film for Efficient Tin-Based Perovskite Solar Cells. <i>Solar Rrl</i> , 2022, 6, .	5.8	12
78	Light manipulating electrode based on high optical haze aluminum-doped zinc oxide for highly efficient indium-tin-oxide free organic solar cells with over 13% efficiency. <i>Journal of Materials Chemistry C</i> , 2019, 7, 8515-8521.	5.5	11
79	High performance ZnO cathode interface doped by organic electrolyte and inorganic metal ion for organic solar cells. <i>Optical Materials</i> , 2020, 109, 110243.	3.6	11
80	Microfluidic-Assisted Fabrication of Monodisperse Core-Shell Microcapsules for Pressure-Sensitive Adhesive with Enhanced Performance. <i>Nanomaterials</i> , 2020, 10, 274.	4.1	11
81	Large-Area High-Contrast Hydrophobic/Hydrophilic Patterned Surface for Robust Electrowetting Devices. <i>ACS Applied Nano Materials</i> , 2019, 2, 1018-1026.	5.0	10
82	Nanoparticle-assisted sacrificial synthesis of hierarchical porous carbon composite for rapid sample enrichment and ultrasensitive label-free immunosensing of interleukin-6 biomarker. <i>Journal of Electroanalytical Chemistry</i> , 2021, 883, 115068.	3.8	10
83	Nanoid Canyons On-Demand: Electrically Switchable Surface Topography in Liquid Crystal Networks. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 37743-37748.	8.0	9
84	Enhanced performance of planar perovskite solar cells based on low-temperature processed TiO <sub>2</sub> electron transport layer modified by Li <sub>2</sub> SiO <sub>3</sub> . <i>Journal of Power Sources</i> , 2018, 392, 1-7.	7.8	9
85	Investigating the Nucleation Kinetics of Calcium Carbonate Using a Zero-Water-Loss Microfluidic Chip. <i>Crystal Growth and Design</i> , 2020, 20, 2787-2795.	3.0	9
86	Magnetic polymeric nanoassemblies for magnetic resonance imaging-combined cancer theranostics. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 4263-4281.	6.7	8
87	Unusual Mechanism Behind Enhanced Photocatalytic Activity and Surface Passivation of SiC(0001) via Forming Heterostructure with a MoS <sub>2</sub> Monolayer. <i>Journal of Physical Chemistry C</i> , 2020, 124, 1362-1368.	3.1	7
88	Hematite photoanode modified with inexpensive hole-storage layer for highly efficient solar water oxidation. <i>Nanotechnology</i> , 2020, 31, 455405.	2.6	7
89	Mass Transport Determined Silica Nanowires Growth on Spherical Photonic Crystals with Nanostructure-Enabled Functionalities. <i>Small</i> , 2020, 16, 2001026.	10.0	7
90	Room-Temperature-Processed ZrO <sub>2</sub> Interlayer toward Efficient Planar Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2020, 3, 3328-3336.	5.1	7

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91	Ionic liquid-modified ZnO-based electron transport layer for inverted organic solar cells. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 12678-12683.	2.2	7
92	High conductivity and transparency metal network fabricated by acrylic colloidal self-cracking template for flexible thermochromic device. <i>Organic Electronics</i> , 2020, 83, 105763.	2.6	7
93	Particle directed dual-fluid flow driven by electrowetting for controllable multiway light valves. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	6
94	Flow-Field-Assisted Dielectrophoretic Microchips for High-Efficiency Sheathless Particle/Cell Separation with Dual Mode. <i>Analytical Chemistry</i> , 2021, 93, 7606-7615.	6.5	6
95	Designable Layer Edge States in Quasi-2D Perovskites Induced by Femtosecond Pulse Laser. <i>Advanced Science</i> , 2022, 9, e2201046.	11.2	6
96	TiVN composite hollow mesospheres for high-performance supercapacitors. <i>Materials Research Express</i> , 2019, 6, 025801.	1.6	5
97	Structural Optimization of Single-Layer Graphene Metamaterial for Ultra-Broadband Terahertz Absorber. <i>IEEE Photonics Journal</i> , 2021, 13, 1-7.	2.0	5
98	The fabrication of a 3D current collector with bitter melon-like TiO <sub>2</sub> -NCNFs for highly stable lithium-sulfur batteries. <i>Nanoscale Advances</i> , 2019, 1, 527-531.	4.6	4
99	Intelligent droplet manipulation in electrowetting devices via capacitance-based sensing and actuation for self-adaptive digital microfluidics. <i>Microfluidics and Nanofluidics</i> , 2020, 24, 1.	2.2	4
100	Autonomous capillary microfluidic devices with constant flow rate and temperature-controlled valving. <i>Soft Matter</i> , 2021, 17, 7781-7791.	2.7	4
101	Paper-based electrowetting devices fabricated with cellulose paper and paraffin wax. <i>Results in Physics</i> , 2021, 31, 105042.	4.1	4
102	Wafer-Scale Fabrication and Transfer of Porous Silicon Films as Flexible Nanomaterials for Sensing Application. <i>Nanomaterials</i> , 2022, 12, 1191.	4.1	4
103	Abruptly Autofocusing Twisted Optical Bottle Beams. <i>Physical Review Applied</i> , 2022, 17, .	3.8	4
104	Wafer-scale fabrication of high-density nanoslit arrays for surface-enhanced Raman spectroscopy. <i>Nanotechnology</i> , 2016, 27, 49LT01.	2.6	3
105	Protonation-induced molecular permeation at the oil/water interface in an electric field. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 29012-29017.	2.8	3
106	Large-Area and Patternable Nano-Dot Array from Electrolysis of ITO Film for Surface-Enhanced Raman Spectroscopy. <i>Nanoscale Research Letters</i> , 2020, 15, 8.	5.7	3
107	Kinetics of colloidal particle deposition in microfluidic systems under temperature gradients: experiment and modelling. <i>Soft Matter</i> , 2020, 16, 3649-3656.	2.7	3
108	Microstructuring of 2D perovskites via ion-exchange fabrication. <i>Applied Physics Letters</i> , 2021, 119, 223102.	3.3	3



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109	Organic Photovoltaics: A Cost-Effective, Aqueous-Solution-Processed Cathode Interlayer Based on Organosilica Nanodots for Highly Efficient and Stable Organic Solar Cells (Adv. Mater. 38/2020). Advanced Materials, 2020, 32, 2070284.	21.0	1
110	Two-dimensional colloidal particle assembly in ionic surfactant solutions under an oscillatory electric field. Journal Physics D: Applied Physics, 2021, 54, 475302.	2.8	1
111	Lithium-Sulfur Batteries: Hierarchical Defective Fe <sub>3</sub> C@C Hollow Microsphere Enables Fast and Long-Lasting Lithium-Sulfur Batteries (Adv. Funct. Mater. 22/2020). Advanced Functional Materials, 2020, 30, .	14.9	1
112	Lithography-free synthesis of periodic, vertically-aligned, multi-walled carbon nanotube arrays. Nanotechnology, 2021, 33, .	2.6	1
113	A simple structure laser three-focus scheme for thick glass separation. AIP Advances, 2021, 11, 115001.	1.3	1
114	Bifunctional Passivation for Efficient and Stable Low-Temperature Processed All-Inorganic CsPbI <sub>3</sub> Perovskite Solar Cells. Surfaces and Interfaces, 2022, 32, 102097.	3.0	1
115	Photothermal Waveguide-Directed Microreactor for Enhanced Copper Ion Detection from Quantum Dots. ACS Applied Nano Materials, 2022, 5, 9179-9187.	5.0	1
116	Configuration-Controllable Polymeric Nanovehicles Self-Assembled in Pixel Grids under an Electric Field. ACS Applied Materials & Interfaces, 2020, 12, 4052-4060.	8.0	0
117	Silica Nanowires: Mass Transport Determined Silica Nanowires Growth on Spherical Photonic Crystals with Nanostructure-Enabled Functionalities (Small 24/2020). Small, 2020, 16, 2070135.	10.0	0
118	Innentitelbild: Strain Engineering of a MXene/CNT Hierarchical Porous Hollow Microsphere Electrocatalyst for a High-Efficiency Lithium Polysulfide Conversion Process (Angew. Chem. 5/2021). Angewandte Chemie, 2021, 133, 2198-2198.	2.0	0
119	Design of Quasi-MOF Nanospheres as a Dynamic Electrocatalyst toward Accelerated Sulfur Reduction Reaction for High-Performance Lithium-Sulfur Batteries (Adv. Mater. 2/2022). Advanced Materials, 2022, 34, .	21.0	0
120	Adjustable multifocus laser separation scheme for thick glass with flexibly controllable thermal stress distribution. Journal of Laser Applications, 2022, 34, 012028.	1.7	0
121	Programmable hierarchical plasmonic-photonic arrays via laser-induced film dewetting. Nanophotonics, 2022, .	6.0	0