

# Guozhen Shen

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7063592/guozhen-shen-publications-by-citations.pdf>

**Version:** 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

359  
papers

24,397  
citations

85  
h-index

139  
g-index

378  
ext. papers

27,733  
ext. citations

9.2  
avg, IF

7.49  
L-index

#	Paper	IF	Citations
359	Flexible energy-storage devices: design consideration and recent progress. <i>Advanced Materials</i> , <b>2014</b> , 26, 4763-82	24	979
358	Hierarchical three-dimensional ZnCo <sub>2</sub> O <sub>4</sub> nanowire arrays/carbon cloth anodes for a novel class of high-performance flexible lithium-ion batteries. <i>Nano Letters</i> , <b>2012</b> , 12, 3005-11	11.5	898
357	Preparation and characterization of flexible asymmetric supercapacitors based on transition-metal-oxide nanowire/single-walled carbon nanotube hybrid thin-film electrodes. <i>ACS Nano</i> , <b>2010</b> , 4, 4403-11	16.7	650
356	Flexible asymmetric supercapacitors based upon Co <sub>9</sub> S <sub>8</sub> nanorod//Co <sub>3</sub> O <sub>4</sub> @RuO <sub>2</sub> nanosheet arrays on carbon cloth. <i>ACS Nano</i> , <b>2013</b> , 7, 5453-62	16.7	560
355	An ultra-sensitive and rapid response speed graphene pressure sensors for electronic skin and health monitoring. <i>Nano Energy</i> , <b>2016</b> , 23, 7-14	17.1	368
354	Flexible electronics based on inorganic nanowires. <i>Chemical Society Reviews</i> , <b>2015</b> , 44, 161-92	58.5	360
353	Fiber-based flexible all-solid-state asymmetric supercapacitors for integrated photodetecting system. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 1849-53	16.4	360
352	NiCo <sub>2</sub> O <sub>4</sub> nanowire arrays supported on Ni foam for high-performance flexible all-solid-state supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 2468	13	317
351	Interlayer Transition and Infrared Photodetection in Atomically Thin Type-II MoTe <sub>2</sub> /MoS <sub>2</sub> van der Waals Heterostructures. <i>ACS Nano</i> , <b>2016</b> , 10, 3852-8	16.7	314
350	New energy storage option: toward ZnCo <sub>2</sub> O <sub>4</sub> nanorods/nickel foam architectures for high-performance supercapacitors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2013</b> , 5, 10011-7	9.5	310
349	Morphology evolution of urchin-like NiCo <sub>2</sub> O <sub>4</sub> nanostructures and their applications as pseudocapacitors and photoelectrochemical cells. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 21647		286
348	Thickness-dependent photocatalytic performance of ZnO nanoplatelets. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 15146-51	3.4	286
347	Devices and chemical sensing applications of metal oxide nanowires. <i>Journal of Materials Chemistry</i> , <b>2009</b> , 19, 828-839		272
346	Ternary oxide nanostructured materials for supercapacitors: a review. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 10158-10173	13	260
345	Transparent electronics based on transfer printed aligned carbon nanotubes on rigid and flexible substrates. <i>ACS Nano</i> , <b>2009</b> , 3, 73-9	16.7	251
344	New insights and perspectives into biological materials for flexible electronics. <i>Chemical Society Reviews</i> , <b>2017</b> , 46, 6764-6815	58.5	245
343	Characterization and Field-Emission Properties of Vertically Aligned ZnO Nanonails and Nanopencils Fabricated by a Modified Thermal-Evaporation Process. <i>Advanced Functional Materials</i> , <b>2006</b> , 16, 410-416	15.6	231

342	Intercalation pseudo-capacitive TiNb <sub>2</sub> O <sub>7</sub> @carbon electrode for high-performance lithium ion hybrid electrochemical supercapacitors with ultrahigh energy density. <i>Nano Energy</i> , <b>2015</b> , 15, 104-115	17.1	230
341	Ultrafine ZnS Nanobelts as Field Emitters. <i>Advanced Materials</i> , <b>2007</b> , 19, 2593-2596	24	218
340	Flexible coaxial-type fiber supercapacitor based on NiCo <sub>2</sub> O <sub>4</sub> nanosheets electrodes. <i>Nano Energy</i> , <b>2014</b> , 8, 44-51	17.1	212
339	Three-dimensional hierarchical GeSe <sub>2</sub> nanostructures for high performance flexible all-solid-state supercapacitors. <i>Advanced Materials</i> , <b>2013</b> , 25, 1479-86	24	209
338	Rechargeable Mg-ion batteries based on WSe <sub>2</sub> nanowire cathodes. <i>ACS Nano</i> , <b>2013</b> , 7, 8051-8	16.7	196
337	A flexible spiral-type supercapacitor based on ZnCo <sub>2</sub> O <sub>4</sub> nanorod electrodes. <i>Nanoscale</i> , <b>2015</b> , 7, 1921-6	7.7	194
336	High-Performance Organic-Inorganic Hybrid Photodetectors Based on P3HT:CdSe Nanowire Heterojunctions on Rigid and Flexible Substrates. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 1202-1209	15.6	193
335	Transferable and flexible nanorod-assembled TiO <sub>2</sub> cloths for dye-sensitized solar cells, photodetectors, and photocatalysts. <i>ACS Nano</i> , <b>2011</b> , 5, 8412-9	16.7	193
334	Bioinspired Interlocked Structure-Induced High Deformability for Two-Dimensional Titanium Carbide (MXene)/Natural Microcapsule-Based Flexible Pressure Sensors. <i>ACS Nano</i> , <b>2019</b> , 13, 9139-9147	16.7	192
333	An Artificial Flexible Visual Memory System Based on an UV-Motivated Memristor. <i>Advanced Materials</i> , <b>2018</b> , 30, 1705400	24	189
332	Synthesis and evolution of novel hollow ZnO urchins by a simple thermal evaporation process. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 10578-83	3.4	173
331	High-performance energy-storage devices based on WO <sub>3</sub> nanowire arrays/carbon cloth integrated electrodes. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 7167	13	172
330	Flexible and transparent supercapacitor based on In <sub>2</sub> O <sub>3</sub> nanowire/carbon nanotube heterogeneous films. <i>Applied Physics Letters</i> , <b>2009</b> , 94, 043113	3.4	162
329	Recent Advances in Flexible/Stretchable Supercapacitors for Wearable Electronics. <i>Small</i> , <b>2018</b> , 14, e1702829	24	158
328	Wafer Scale Phase-Engineered 1T- and 2H-MoSe <sub>2</sub> /Mo Core-Shell 3D-Hierarchical Nanostructures toward Efficient Electrocatalytic Hydrogen Evolution Reaction. <i>Advanced Materials</i> , <b>2016</b> , 28, 9831-9838	24	156
327	Synthesis and optical properties of S-doped ZnO nanostructures: nanonails and nanowires. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 5491-6	3.4	154
326	Ultrasensitive and ultraflexible e-skins with dual functionalities for wearable electronics. <i>Nano Energy</i> , <b>2017</b> , 38, 28-35	17.1	150
325	ZnO Quantum Dot Decorated ZnSnO Nanowire Heterojunction Photodetectors with Drastic Performance Enhancement and Flexible Ultraviolet Image Sensors. <i>ACS Nano</i> , <b>2017</b> , 11, 4067-4076	16.7	145

324	Integrated smart electrochromic windows for energy saving and storage applications. <i>Chemical Communications</i> , <b>2014</b> , 50, 608-10	5.8	145
323	Recent Progress of Self-Powered Sensing Systems for Wearable Electronics. <i>Small</i> , <b>2017</b> , 13, 1701791	11	141
322	Integrated Photo-supercapacitor Based on Bi-polar TiO <sub>2</sub> Nanotube Arrays with Selective One-Side Plasma-Assisted Hydrogenation. <i>Advanced Functional Materials</i> , <b>2014</b> , 24, 1840-1846	15.6	140
321	Synthesis, characterization and field-emission properties of bamboo-like beta-SiC nanowires. <i>Nanotechnology</i> , <b>2006</b> , 17, 3468-72	3.4	139
320	Transition from Diffusion-Controlled Intercalation into Extrinsicly Pseudocapacitive Charge Storage of MoS <sub>2</sub> by Nanoscale Heterostructuring. <i>Advanced Energy Materials</i> , <b>2016</b> , 6, 1501115	21.8	133
319	Flexible fiber energy storage and integrated devices: recent progress and perspectives. <i>Materials Today</i> , <b>2015</b> , 18, 265-272	21.8	129
318	Core-shell CuCo <sub>2</sub> O <sub>4</sub> @MnO <sub>2</sub> Nanowires on Carbon Fabrics as High-Performance Materials for Flexible, All-Solid-State, Electrochemical Capacitors. <i>ChemElectroChem</i> , <b>2014</b> , 1, 559-564	4.3	128
317	Nanorod-assembled Co <sub>3</sub> O <sub>4</sub> hexapods with enhanced electrochemical performance for lithium-ion batteries. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 23541		128
316	Hierarchical silicon nanowires-carbon textiles matrix as a binder-free anode for high-performance advanced lithium-ion batteries. <i>Scientific Reports</i> , <b>2013</b> , 3, 1622	4.9	126
315	Recent Advances in Fiber Supercapacitors: Materials, Device Configurations, and Applications. <i>Advanced Materials</i> , <b>2020</b> , 32, e1901806	24	126
314	High-aspect-ratio single-crystalline porous In <sub>2</sub> O <sub>3</sub> nanobelts with enhanced gas sensing properties. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 12852		124
313	Chemical Sensors and Electronic Noses Based on 1-D Metal Oxide Nanostructures. <i>IEEE Nanotechnology Magazine</i> , <b>2008</b> , 7, 668-682	2.6	124
312	Self-coiling of Ag <sub>2</sub> V <sub>4</sub> O <sub>11</sub> nanobelts into perfect nanorings and microloops. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 11762-3	16.4	124
311	Flexible, planar-integrated, all-solid-state fiber supercapacitors with an enhanced distributed-capacitance effect. <i>Small</i> , <b>2013</b> , 9, 1998-2004	11	122
310	Gas sensors, thermistor and photodetector based on ZnS nanowires. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 6845		118
309	TiO <sub>2</sub> modified FeS nanostructures with enhanced electrochemical performance for lithium-ion batteries. <i>Scientific Reports</i> , <b>2013</b> , 3, 2007	4.9	117
308	Nanowires assembled SnO <sub>2</sub> nanopolyhedrons with enhanced gas sensing properties. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2011</b> , 3, 2112-7	9.5	114
307	Fiber-Based Flexible All-Solid-State Asymmetric Supercapacitors for Integrated Photodetecting System. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 1880-1884	3.6	112

306	Enhanced Field Emission Performance of ZnO Nanorods by Two Alternative Approaches. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 12673-12676	3.8	112
305	Hierarchical MnCo <sub>2</sub> O <sub>4</sub> nanosheet arrays/carbon cloths as integrated anodes for lithium-ion batteries with improved performance. <i>Nanoscale</i> , <b>2014</b> , 6, 8858-64	7.7	110
304	Silicon carbide hollow nanospheres, nanowires and coaxial nanowires. <i>Chemical Physics Letters</i> , <b>2003</b> , 375, 177-184	2.5	110
303	Large-scale synthesis of CuO shuttle-like crystals via a convenient hydrothermal decomposition route. <i>Journal of Crystal Growth</i> , <b>2003</b> , 254, 225-228	1.6	110
302	All rGO-on-PVDF-nanofibers based self-powered electronic skins. <i>Nano Energy</i> , <b>2017</b> , 35, 121-127	17.1	107
301	Reviews of wearable healthcare systems: Materials, devices and system integration. <i>Materials Science and Engineering Reports</i> , <b>2020</b> , 140, 100523	30.9	107
300	Highly Stretchable Micro-Supercapacitor Arrays with Hybrid MWCNT/PANI Electrodes. <i>Advanced Materials Technologies</i> , <b>2017</b> , 2, 1600282	6.8	105
299	Advanced rechargeable lithium-ion batteries based on bendable ZnCo <sub>2</sub> O <sub>4</sub> -urchins-on-carbon-fibers electrodes. <i>Nano Research</i> , <b>2013</b> , 6, 525-534	10	103
298	Synthesis of single-crystal CdS microbelts using a modified thermal evaporation method and their photoluminescence. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 9294-8	3.4	103
297	AOT-Microemulsions-Based Formation and Evolution of PbWO <sub>4</sub> Crystals. <i>Journal of Physical Chemistry B</i> , <b>2004</b> , 108, 11280-11284	3.4	102
296	Recent Developments in Graphene-Based Tactile Sensors and E-Skins. <i>Advanced Materials Technologies</i> , <b>2018</b> , 3, 1700248	6.8	100
295	Polymer-Enhanced Highly Stretchable Conductive Fiber Strain Sensor Used for Electronic Data Gloves. <i>Advanced Materials Technologies</i> , <b>2016</b> , 1, 1600136	6.8	100
294	High-detectivity InAs nanowire photodetectors with spectral response from ultraviolet to near-infrared. <i>Nano Research</i> , <b>2013</b> , 6, 775-783	10	100
293	Vapor-solid growth of one-dimensional layer-structured gallium sulfide nanostructures. <i>ACS Nano</i> , <b>2009</b> , 3, 1115-20	16.7	99
292	Bimetal Schottky Heterojunction Boosting Energy-Saving Hydrogen Production from Alkaline Water via Urea Electrocatalysis. <i>Advanced Functional Materials</i> , <b>2020</b> , 30, 2000556	15.6	98
291	Visible-light-driven photocatalytic and photoelectrochemical properties of porous SnS <sub>x</sub> (x = 1,2) architectures. <i>CrystEngComm</i> , <b>2012</b> , 14, 3163	3.3	98
290	Microwave-assisted synthesis of metal sulfides in ethylene glycol. <i>Materials Chemistry and Physics</i> , <b>2003</b> , 82, 206-209	4.4	98
289	Vertically aligned ZnO nanowires produced by a catalyst-free thermal evaporation method and their field emission properties. <i>Chemical Physics Letters</i> , <b>2005</b> , 404, 69-73	2.5	98

288	Hierarchical saw-like ZnO nanobelt/ZnS nanowire heterostructures induced by polar surfaces. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 15689-93	3.4	94
287	Flexible Photodetectors Based on 1D Inorganic Nanostructures. <i>Advanced Science</i> , <b>2016</b> , 3, 1500287	13.6	94
286	Grain-Boundary-Induced Drastic Sensing Performance Enhancement of Polycrystalline-Microwire Printed Gas Sensors. <i>Advanced Materials</i> , <b>2019</b> , 31, e1804583	24	92
285	SnO <sub>2</sub> @TiO <sub>2</sub> Heterojunction Nanostructures for Lithium-Ion Batteries and Self-Powered UV Photodetectors with Improved Performances. <i>ChemElectroChem</i> , <b>2014</b> , 1, 108-115	4.3	91
284	Ultralong-life and high-rate web-like Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> anode for high-performance flexible lithium-ion batteries. <i>Nano Research</i> , <b>2014</b> , 7, 1073-1082	10	89
283	Ultrathin In <sub>2</sub> O <sub>3</sub> nanowires with diameters below 4 nm: synthesis, reversible wettability switching behavior, and transparent thin-film transistor applications. <i>ACS Nano</i> , <b>2011</b> , 5, 6148-55	16.7	89
282	Hierarchical CdS Nanowires Based Rigid and Flexible Photodetectors with Ultrahigh Sensitivity. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 23507-14	9.5	88
281	Needle-like Zn-doped SnO <sub>2</sub> nanorods with enhanced photocatalytic and gas sensing properties. <i>Nanotechnology</i> , <b>2012</b> , 23, 105502	3.4	88
280	Growth of directly transferable In <sub>2</sub> O <sub>3</sub> nanowire mats for transparent thin-film transistor applications. <i>Advanced Materials</i> , <b>2011</b> , 23, 771-5	24	88
279	Growth of self-organized hierarchical ZnO nanoarchitectures by a simple In/In <sub>2</sub> S <sub>3</sub> controlled thermal evaporation process. <i>Journal of Physical Chemistry B</i> , <b>2005</b> , 109, 10779-85	3.4	88
278	Device Configurations and Future Prospects of Flexible/Stretchable Lithium-Ion Batteries. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1805596	15.6	88
277	CdS Multipod-Based Structures through a Thermal Evaporation Process. <i>Crystal Growth and Design</i> , <b>2005</b> , 5, 1085-1089	3.5	87
276	Zn <sub>2</sub> GeO <sub>4</sub> and In <sub>2</sub> Ge <sub>2</sub> O <sub>7</sub> nanowire mats based ultraviolet photodetectors on rigid and flexible substrates. <i>Optics Express</i> , <b>2012</b> , 20, 2982-91	3.3	86
275	Wearable sweat monitoring system with integrated micro-supercapacitors. <i>Nano Energy</i> , <b>2019</b> , 58, 624-632	11.1	85
274	Fabrication of flexible reduced graphene oxide/Fe <sub>2</sub> O <sub>3</sub> hollow nanospheres based on-chip micro-supercapacitors for integrated photodetecting applications. <i>Nano Research</i> , <b>2016</b> , 9, 424-434	10	85
273	Fabrication of curled conducting polymer microfibrillar arrays via a novel electrospinning method for stretchable strain sensors. <i>Nanoscale</i> , <b>2013</b> , 5, 7041-5	7.7	85
272	SnO <sub>2</sub> -microtube-assembled cloth for fully flexible self-powered photodetector nanosystems. <i>Nanoscale</i> , <b>2013</b> , 5, 7831-7	7.7	83
271	High-performance single-crystalline arsenic-doped indium oxide nanowires for transparent thin-film transistors and active matrix organic light-emitting diode displays. <i>ACS Nano</i> , <b>2009</b> , 3, 3383-90	16.7	82

270	A flexible integrated photodetector system driven by on-chip microsupercapacitors. <i>Nano Energy</i> , <b>2015</b> , 13, 131-139	17.1	81
269	Microwave-assisted polyol synthesis of nanoscale SnS <sub>x</sub> (x=1, 2) flakes. <i>Journal of Crystal Growth</i> , <b>2004</b> , 260, 469-474	1.6	81
268	CuCo <sub>2</sub> O <sub>4</sub> Nanowires Grown on a Ni Wire for High-Performance, Flexible Fiber Supercapacitors. <i>ChemElectroChem</i> , <b>2015</b> , 2, 1042-1047	4.3	80
267	High-Performance All-Polymer Photoresponse Devices Based on Acceptor-Acceptor Conjugated Polymers. <i>Advanced Functional Materials</i> , <b>2016</b> , 26, 6306-6315	15.6	79
266	Facile synthesis and electrochemical properties of CoMn <sub>2</sub> O <sub>4</sub> anodes for high capacity lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 2139-2143	13	79
265	Wearable Sensors-Enabled Human-Machine Interaction Systems: From Design to Application. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2008936	15.6	79
264	ZnS Nanostructures: Synthesis, Properties, and Applications. <i>Critical Reviews in Solid State and Materials Sciences</i> , <b>2013</b> , 38, 57-90	10.1	78
263	Recent Advances in Smart Wearable Sensing Systems. <i>Advanced Materials Technologies</i> , <b>2018</b> , 3, 1800446.8	4.8	78
262	High-performance hybrid phenyl-C61-butyric acid methyl ester/Cd(3)P(2) nanowire ultraviolet-visible-near infrared photodetectors. <i>ACS Nano</i> , <b>2014</b> , 8, 787-96	16.7	77
261	Flexible planar concentric circular micro-supercapacitor arrays for wearable gas sensing application. <i>Nano Energy</i> , <b>2017</b> , 41, 261-268	17.1	77
260	Efficient synthesis of hierarchical NiO nanosheets for high-performance flexible all-solid-state supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 10917-10922	13	76
259	Fabrication of Mesoporous CdTe/[email protected] <sub>2</sub> Core/Shell Nanostructures with Tunable Dual Emission and Ultrasensitive Fluorescence Response to Metal Ions. <i>Chemistry of Materials</i> , <b>2009</b> , 21, 68-77	9.6	75
258	Flexible and transparent capacitive pressure sensor with patterned microstructured composite rubber dielectric for wearable touch keyboard application. <i>Science China Materials</i> , <b>2018</b> , 61, 1587-1595	7.1	74
257	Single-crystal nanotubes of III-V <sub>2</sub> semiconductors. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 7568-72	16.4	74
256	Biomimetic, biocompatible and robust silk Fibroin-MXene film with stable 3D cross-link structure for flexible pressure sensors. <i>Nano Energy</i> , <b>2020</b> , 78, 105252	17.1	74
255	Plant-Based Modular Building Blocks for Green Electronic Skins. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1804510	15.6	73
254	Fabrication of porous SnO <sub>2</sub> nanowires gas sensors with enhanced sensitivity. <i>Sensors and Actuators B: Chemical</i> , <b>2017</b> , 252, 79-85	8.5	71
253	Large-scale synthesis of uniform urchin-like patterns of Bi <sub>2</sub> S <sub>3</sub> nanorods through a rapid polyol process. <i>Chemical Physics Letters</i> , <b>2003</b> , 370, 334-337	2.5	71

252	Rational Synthesis of Branched CoMoO <sub>4</sub> @CoNiO <sub>2</sub> Core/Shell Nanowire Arrays for All-Solid-State Supercapacitors with Improved Performance. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 24204-11	9.5	70
251	High-performance rigid and flexible ultraviolet photodetectors with single-crystalline ZnGa <sub>2</sub> O <sub>4</sub> nanowires. <i>Nano Research</i> , <b>2015</b> , 8, 2162-2169	10	70
250	Self-Assembled Hierarchical Single-Crystalline $\beta$ -SiC Nanoarchitectures. <i>Crystal Growth and Design</i> , <b>2007</b> , 7, 35-38	3.5	70
249	Shape- and Size-controlled Growth of ZnS Nanostructures. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 8469-8474	3.8	70
248	High-symmetry ZnS hepta- and tetrapods composed of assembled ZnS nanowire arrays. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 123101	3.4	69
247	Spray-painted binder-free SnSe electrodes for high-performance energy-storage devices. <i>ChemSusChem</i> , <b>2014</b> , 7, 308-13	8.3	68
246	Single-Crystalline p-Type Zn <sub>3</sub> As <sub>2</sub> Nanowires for Field-Effect Transistors and Visible-Light Photodetectors on Rigid and Flexible Substrates. <i>Advanced Functional Materials</i> , <b>2013</b> , 23, 2681-2690	15.6	68
245	An Electrically Modulated Single-Color/Dual-Color Imaging Photodetector. <i>Advanced Materials</i> , <b>2020</b> , 32, e1907257	24	67
244	Enhancing Photoresponsivity of Self-Aligned MoS <sub>2</sub> Field-Effect Transistors by Piezo-Phototronic Effect from GaN Nanowires. <i>ACS Nano</i> , <b>2016</b> , 10, 7451-7	16.7	67
243	Performance enhancement of thin-film amorphous silicon solar cells with low cost nanodent plasmonic substrates. <i>Energy and Environmental Science</i> , <b>2013</b> , 6, 2965	35.4	67
242	Self-assembled three-dimensional structures of single-crystalline ZnS submicrotubes formed by coalescence of ZnS nanowires. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 123107	3.4	67
241	Morphology-controlled synthesis, growth mechanism and optical properties of ZnO nanonails. <i>Chemical Physics Letters</i> , <b>2005</b> , 401, 414-419	2.5	67
240	ZnO-nanoparticle-assembled cloth for flexible photodetectors and recyclable photocatalysts. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 9379		66
239	Controlled Assembly of MXene Nanosheets as an Electrode and Active Layer for High-Performance Electronic Skin. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2010533	15.6	66
238	Pursuing two-dimensional nanomaterials for flexible lithium-ion batteries. <i>Nano Today</i> , <b>2016</b> , 11, 82-97	17.9	64
237	SnO <sub>2</sub> /SnS <sub>2</sub> nanotubes for flexible room-temperature NH <sub>3</sub> gas sensors. <i>RSC Advances</i> , <b>2017</b> , 7, 52503-52509	5.9	64
236	Nanowire-assembled Co <sub>3</sub> O <sub>4</sub> @NiCo <sub>2</sub> O <sub>4</sub> architectures for high performance all-solid-state asymmetric supercapacitors. <i>Journal of Materials Chemistry A</i> , <b>2017</b> , 5, 24981-24988	13	64
235	Fast fabrication of a WO <sub>3</sub> /H <sub>2</sub> O thin film with improved electrochromic properties. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 19904		63



234	Hydrothermally Grown ZnO Micro/Nanotube Arrays and Their Properties. <i>Nanoscale Research Letters</i> , <b>2009</b> , 5, 570-5	5	62
233	Single-crystalline In <sub>2</sub> S <sub>3</sub> nanowire-based flexible visible-light photodetectors with an ultra-high photoresponse. <i>Nanoscale</i> , <b>2015</b> , 7, 5046-52	7.7	59
232	Bio-Multifunctional Smart Wearable Sensors for Medical Devices. <i>Advanced Intelligent Systems</i> , <b>2019</b> , 1, 1900040	6	58
231	Self-assembled ZnO 3D flowerlike nanostructures. <i>Materials Letters</i> , <b>2006</b> , 60, 2530-2533	3.3	58
230	Growth of belt-like SnS crystals from ethylenediamine solution. <i>Journal of Crystal Growth</i> , <b>2002</b> , 244, 333-338	1.6	58
229	Low-temperature synthesis of metal tungstates nanocrystallites in ethylene glycol. <i>Materials Research Bulletin</i> , <b>2003</b> , 38, 1783-1789	5.1	58
228	Self-supported Zn <sub>3</sub> P <sub>2</sub> nanowire arrays grafted on carbon fabrics as an advanced integrated anode for flexible lithium ion batteries. <i>Nanoscale</i> , <b>2016</b> , 8, 8666-72	7.7	57
227	Synthesis and characterization of S-doped ZnO nanowires produced by a simple solution-conversion process. <i>Chemical Physics Letters</i> , <b>2005</b> , 401, 529-533	2.5	57
226	MoS-OH Bilayer-Mediated Growth of Inch-Sized Monolayer MoS on Arbitrary Substrates. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 5392-5401	16.4	56
225	Ultraviolet/visible photodetectors with ultrafast, high photosensitivity based on 1D ZnS/CdS heterostructures. <i>Nanoscale</i> , <b>2016</b> , 8, 5219-25	7.7	55
224	Flexible Smart Noncontact Control Systems with Ultrasensitive Humidity Sensors. <i>Small</i> , <b>2019</b> , 15, e1902801	8.01	55
223	Constructing optimized wire electrodes for fiber supercapacitors. <i>Nano Energy</i> , <b>2014</b> , 10, 99-107	17.1	54
222	Recent advances in low-dimensional semiconductor nanomaterials and their applications in high-performance photodetectors. <i>Information Materials</i> , <b>2020</b> , 2, 291-317	23.1	54
221	Anisotropic photoresponse of layered 2D SnS-based near infrared photodetectors. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 11288-11293	7.1	53
220	Meters-Long Flexible CoNiO <sub>2</sub> -Nanowires@Carbon-Fibers Based Wire-Supercapacitors for Wearable Electronics. <i>Advanced Materials Technologies</i> , <b>2016</b> , 1, 1600142	6.8	53
219	Single-crystalline metal germanate nanowire-carbon textiles as binder-free, self-supported anodes for high-performance lithium storage. <i>Nanoscale</i> , <b>2013</b> , 5, 10291-9	7.7	52
218	Multilayer TiO <sub>2</sub> nanorod cloth/nanorod array electrode for dye-sensitized solar cells and self-powered UV detectors. <i>Nanoscale</i> , <b>2012</b> , 4, 3350-8	7.7	52
217	Morphology-controlled synthesis of ZnO nanostructures by a simple round-to-round metal vapor deposition route. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 3973-8	3.4	51

216	Characterization of LiNbO <sub>3</sub> nanocrystals prepared via a convenient hydrothermal route. <i>Materials Research Bulletin</i> , <b>2002</b> , 37, 1791-1796	5.1	51
215	Synthesis of SnS <sub>2</sub> nanocrystals via a solvothermal process. <i>Journal of Crystal Growth</i> , <b>2001</b> , 225, 92-95	1.6	51
214	High performance rigid and flexible visible-light photodetectors based on aligned X(In, Ga)P nanowire arrays. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 1270-1277	7.1	50
213	Indium oxide nanospirals made of kinked nanowires. <i>ACS Nano</i> , <b>2011</b> , 5, 2155-61	16.7	50
212	Synthesis, characterizations and improved gas-sensing performance of SnO <sub>2</sub> nanospike arrays. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 19086		49
211	Self-organized hierarchical ZnS/SiO <sub>2</sub> nanowire heterostructures. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 7199-202	3.4	49
210	Flexible Broadband Image Sensors with SnS Quantum Dots/Zn <sub>2</sub> SnO <sub>4</sub> Nanowires Hybrid Nanostructures. <i>Advanced Functional Materials</i> , <b>2018</b> , 28, 1705389	15.6	49
209	Vertically coupled ZnO nanorods on MoS <sub>2</sub> monolayers with enhanced Raman and photoluminescence emission. <i>Nano Research</i> , <b>2015</b> , 8, 743-750	10	48
208	Highly reversible lithium storage in hierarchical Ca <sub>2</sub> Ge <sub>7</sub> O <sub>16</sub> nanowire arrays/carbon textile anodes. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 8650-6	4.8	48
207	Shape-controlled synthesis of copper sulfide nanocrystals via a soft solution route. <i>Journal of Crystal Growth</i> , <b>2004</b> , 263, 232-236	1.6	47
206	Laterally emitted surface second harmonic generation in a single ZnTe nanowire. <i>Nano Letters</i> , <b>2013</b> , 13, 4224-9	11.5	46
205	Fabrication of high-quality ZnTe nanowires toward high-performance rigid/flexible visible-light photodetectors. <i>Optics Express</i> , <b>2013</b> , 21, 7799-810	3.3	46
204	Flexible Self-Powered Integrated Sensing System with 3D Periodic Ordered Black Phosphorus@MXene Thin-Films. <i>Advanced Materials</i> , <b>2021</b> , 33, e2007890	24	46
203	Ti C T MXene Conductive Layers Supported Bio-Derived Fe Se /MXene/Carbonaceous Nanoribbons for High-Performance Half/Full Sodium-Ion and Potassium-Ion Batteries. <i>Advanced Materials</i> , <b>2021</b> , 33, e2101535	24	46
202	Two-dimensional Ni(OH) <sub>2</sub> nanoplates for flexible on-chip microsupercapacitors. <i>Nano Research</i> , <b>2015</b> , 8, 3544-3552	10	45
201	Three-Dimensional Structural Engineering for Energy-Storage Devices: From Microscope to Macroscope. <i>ChemElectroChem</i> , <b>2014</b> , 1, 975-1002	4.3	45
200	Phase-controlled synthesis of 3D flower-like Ni(OH) <sub>2</sub> architectures and their applications in water treatment. <i>CrystEngComm</i> , <b>2012</b> , 14, 3063	3.3	45
199	Programmable three-dimensional advanced materials based on nanostructures as building blocks for flexible sensors. <i>Nano Today</i> , <b>2019</b> , 26, 176-198	17.9	44

198	One-dimensional nanostructures for photodetectors. <i>Recent Patents on Nanotechnology</i> , <b>2010</b> , 4, 20-31	1.2	44
197	Novel polyol route to AgBiS <sub>2</sub> nanorods. <i>Journal of Crystal Growth</i> , <b>2003</b> , 252, 199-201	1.6	44
196	Solution Growth and Cathodoluminescence of Novel SnO <sub>2</sub> Core/Shell Homogeneous Microspheres. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 8235-8240	3.8	43
195	Systematic investigation of the formation of 1D alpha-Si(3)N(4) nanostructures by using a thermal-decomposition/nitridation process. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 2987-93	4.8	43
194	Fiber gas sensor-integrated smart face mask for room-temperature distinguishing of target gases. <i>Nano Research</i> , <b>2018</b> , 11, 511-519	10	42
193	Flexible TiO <sub>2</sub> /cellulose acetate hybrid film as a recyclable photocatalyst. <i>RSC Advances</i> , <b>2014</b> , 4, 12640	3.7	42
192	Metal oxide nanowire transistors. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 13428		42
191	Selective synthesis of Sb <sub>2</sub> S <sub>3</sub> nanoneedles and nanoflowers for high performance rigid and flexible photodetectors. <i>Optics Express</i> , <b>2013</b> , 21, 13639-47	3.3	42
190	Pearl-Like ZnS-Decorated InP Nanowire Heterostructures and Their Electric Behaviors. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 6779-6783	9.6	42
189	Self-induced uniaxial strain in MoS <sub>2</sub> monolayers with local van der Waals-stacked interlayer interactions. <i>ACS Nano</i> , <b>2015</b> , 9, 2704-10	16.7	41
188	High-performance photodetectors, photocatalysts, and gas sensors based on polyol reflux synthesized porous ZnO nanosheets. <i>CrystEngComm</i> , <b>2012</b> , 14, 4582	3.3	41
187	Porous WO <sub>3</sub> with enhanced photocatalytic and selective gas sensing properties. <i>CrystEngComm</i> , <b>2011</b> , 13, 6393	3.3	41
186	Highly-stable polymer-crosslinked 2D MXene-based flexible biocompatible electronic skins for in vivo biomonitoring. <i>Nano Energy</i> , <b>2021</b> , 84, 105921	17.1	41
185	p-Type field-effect transistors of single-crystal zinc telluride nanobelts. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 9469-71	16.4	40
184	Wurtzite-type faceted single-crystalline GaN nanotubes. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 093120	3.4	40
183	High-performance solar-blind ultraviolet photodetector based on electrospun TiO <sub>2</sub> -ZnTiO <sub>3</sub> heterojunction nanowires. <i>Nano Research</i> , <b>2015</b> , 8, 2822-2832	10	39
182	Si nanowire hemisphere-like ensembles as field emitters. <i>Chemical Communications</i> , <b>2007</b> , 4093-5	5.8	39
181	Phase-controlled synthesis and characterization of nickel sulfides nanorods. <i>Journal of Solid State Chemistry</i> , <b>2003</b> , 173, 227-231	3.3	39

180	Microwave synthesis of AgBiS <sub>2</sub> dendrites in aqueous solution. <i>Inorganic Chemistry Communication</i> , <b>2003</b> , 6, 710-712	3.1	39
179	Unconventional zigzag indium phosphide single-crystalline and twinned nanowires. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 20129-32	3.4	38
178	Flexible in-plane microsupercapacitors with electrospun NiFe <sub>2</sub> O <sub>4</sub> nanofibers for portable sensing applications. <i>Nanoscale</i> , <b>2016</b> , 8, 14986-91	7.7	38
177	Transparent metal oxide nanowire transistors. <i>Nanoscale</i> , <b>2012</b> , 4, 3001-12	7.7	37
176	Fabrication of ZnO ring-like nanostructures at a moderate temperature via a thermal evaporation process. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 486, L13-L16	5.7	37
175	Formation of crystalline SrAl <sub>2</sub> O <sub>4</sub> nanotubes by a roll-up and post-annealing approach. <i>Angewandte Chemie - International Edition</i> , <b>2006</b> , 45, 4922-6	16.4	37
174	Hydrothermal preparation of luminescent PbWO <sub>4</sub> nanocrystallites. <i>Materials Letters</i> , <b>2002</b> , 57, 565-568	3.3	37
173	Electric transport, reversible wettability and chemical sensing of single-crystalline zigzag Zn <sub>2</sub> SnO <sub>4</sub> nanowires. <i>Journal of Materials Chemistry</i> , <b>2011</b> , 21, 17236		36
172	General synthesis of metal sulfides nanocrystallines via a simple polyol route. <i>Journal of Solid State Chemistry</i> , <b>2003</b> , 173, 232-235	3.3	36
171	Flexible on-chip micro-supercapacitors: Efficient power units for wearable electronics. <i>Energy Storage Materials</i> , <b>2020</b> , 27, 169-186	19.4	35
170	Single-GaSb-nanowire-based room temperature photodetectors with broad spectral response. <i>Science Bulletin</i> , <b>2015</b> , 60, 101-108	10.6	35
169	Single-Crystalline and Twinned Zn <sub>3</sub> P <sub>2</sub> Nanowires: Synthesis, Characterization, and Electronic Properties. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 16405-16410	3.8	35
168	Novel polyol route to nanoscale tin sulfides flaky crystallines. <i>Inorganic Chemistry Communication</i> , <b>2003</b> , 6, 178-180	3.1	35
167	3D Dielectric Layer Enabled Highly Sensitive Capacitive Pressure Sensors for Wearable Electronics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 32023-32030	9.5	34
166	MoS <sub>2</sub> /C/C nanofiber with double-layer carbon coating for high cycling stability and rate capability in lithium-ion batteries. <i>Nano Research</i> , <b>2018</b> , 11, 5866-5878	10	34
165	Zinc-oleate complex as efficient precursor for 1-D ZnO nanostructures: synthesis and properties. <i>CrystEngComm</i> , <b>2011</b> , 13, 2629	3.3	34
164	Bicrystalline Zn <sub>3</sub> P <sub>2</sub> and Cd <sub>3</sub> P <sub>2</sub> Nanobelts and Their Electronic Transport Properties. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 7319-7323	9.6	34
163	Single-crystalline cubic structured InP nanosprings. <i>Applied Physics Letters</i> , <b>2006</b> , 88, 243106	3.4	34

162	Blue-light emission of nanocrystalline CaS and SrS synthesized via a solvothermal route. <i>Chemical Physics Letters</i> , <b>2002</b> , 351, 385-390	2.5	34
161	Recent Advances in Perovskite Photodetectors for Image Sensing. <i>Small</i> , <b>2021</b> , 17, e2005606	11	34
160	Au-nanoparticles-decorated Sb <sub>2</sub> S <sub>3</sub> nanowire-based flexible ultraviolet/visible photodetectors. <i>Journal of Materials Chemistry C</i> , <b>2017</b> , 5, 3330-3335	7.1	33
159	Highly flexible strain sensor based on ZnO nanowires and P(VDF-TrFE) fibers for wearable electronic device. <i>Science China Materials</i> , <b>2016</b> , 59, 173-181	7.1	33
158	Characterization of atomic defects on the photoluminescence in two-dimensional materials using transmission electron microscope. <i>Information Materials</i> , <b>2019</b> , 1, 85-97	23.1	32
157	Nanofiber/nanowires-based flexible and stretchable sensors. <i>Journal of Semiconductors</i> , <b>2020</b> , 41, 0416053	5.3	32
156	Flexible photodetectors with single-crystalline GaTe nanowires. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 6104-6110	7.1	32
155	Contact printing of horizontally aligned Zn <sub>2</sub> GeO <sub>4</sub> and In <sub>2</sub> Ge <sub>2</sub> O <sub>7</sub> nanowire arrays for multi-channel field-effect transistors and their photoresponse performances. <i>Journal of Materials Chemistry C</i> , <b>2013</b> , 1, 131-137	7.1	32
154	The synthesis and characterization of nanocrystalline Cu- and Ag-based multinary sulfide semiconductors. <i>Materials Research Bulletin</i> , <b>2003</b> , 38, 823-830	5.1	32
153	The synthesis of Cu <sub>3</sub> BiS <sub>3</sub> nanorods via a simple ethanol-thermal route. <i>Journal of Crystal Growth</i> , <b>2003</b> , 253, 512-516	1.6	32
152	Highly sensitive hybrid nanofiber-based room-temperature CO sensors: Experiments and density functional theory simulations. <i>Nano Research</i> , <b>2018</b> , 11, 1029-1037	10	32
151	An Integrated Flexible All-Nanowire Infrared Sensing System with Record Photosensitivity. <i>Advanced Materials</i> , <b>2020</b> , 32, e1908419	24	31
150	Fabrication and photoelectric properties of La-doped p-type ZnO nanofibers and crossed p-n homojunctions by electrospinning. <i>Nanoscale</i> , <b>2015</b> , 7, 10513-8	7.7	31
149	One-Dimensional Nanostructures and Devices of II-V Group Semiconductors. <i>Nanoscale Research Letters</i> , <b>2009</b> , 4, 779-788	5	31
148	A simple route to prepare nanocrystalline titanium carbonitride. <i>Materials Research Bulletin</i> , <b>2002</b> , 37, 1207-1211	5.1	31
147	Polyol-mediated synthesis of porous nanocrystalline CuInS <sub>2</sub> foam. <i>Journal of Crystal Growth</i> , <b>2003</b> , 254, 75-79	1.6	31
146	Porous SnO <sub>2</sub> nanoflowers derived from tin sulfide precursors as high performance gas sensors. <i>CrystEngComm</i> , <b>2012</b> , 14, 6654	3.3	30
145	Shape evolution and applications in water purification: the case of CVD-grown Zn <sub>2</sub> SiO <sub>4</sub> straw-bundles. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 5330		29

144	Synthesis and Structures of High-Quality Single-Crystalline $\text{In}_2\text{S}_3$ Semiconductors Nanobelts. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 5044-5049	3.8	29
143	Synthesis of $\text{ZrC}$ hollow nanospheres at low temperature. <i>Journal of Crystal Growth</i> , <b>2004</b> , 262, 277-280	1.6	29
142	Biocompatible and Biodegradable Functional Polysaccharides for Flexible Humidity Sensors. <i>Research</i> , <b>2020</b> , 2020, 8716847	7.8	29
141	A Self-Healable Bifunctional Electronic Skin. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 24339-24347	4.7	28
140	Controlled synthesis of monodispersed hematite microcubes and their properties. <i>CrystEngComm</i> , <b>2011</b> , 13, 7114	3.3	28
139	Carbon-coated single-crystalline zinc sulfide nanowires. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 20777-20780	3.8	28
138	Synthesis of ternary sulfides $\text{Cu}(\text{Ag})\text{BiS}$ coral-shaped crystals from single-source precursors. <i>Journal of Crystal Growth</i> , <b>2003</b> , 257, 293-296	1.6	28
137	Self-healable wire-shaped supercapacitors with two twisted $\text{NiCo}_2\text{O}_4$ coated polyvinyl alcohol hydrogel fibers. <i>Science China Materials</i> , <b>2018</b> , 61, 254-262	7.1	27
136	Aligned $\text{SnS}_2$ nanotubes fabricated via a template-assisted solvent-relief process. <i>Applied Physics A: Materials Science and Processing</i> , <b>2003</b> , 77, 747-749	2.6	27
135	$\text{InGaO}_3(\text{ZnO})$ Superlattice Nanowires for High-Performance Ultraviolet Photodetectors. <i>Advanced Electronic Materials</i> , <b>2015</b> , 1, 1500054	6.4	26
134	Flexible sliding sensor for simultaneous monitoring deformation and displacement on a robotic hand/arm. <i>Nano Energy</i> , <b>2020</b> , 73, 104764	17.1	26
133	Synthesis of $\text{CuS}$ Millimeter-Scale Tubular Crystals. <i>Chemistry Letters</i> , <b>2001</b> , 30, 494-495	1.7	26
132	Skin Adhesives with Controlled Adhesion by Polymer Chain Mobility. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 1496-1502	9.5	26
131	Memristor-integrated voltage-stabilizing supercapacitor system. <i>Advanced Materials</i> , <b>2014</b> , 26, 4999-5004	4.1	25
130	$\text{ZnO}$ low-dimensional structures: electrical properties measured inside a transmission electron microscope. <i>Journal of Materials Science</i> , <b>2008</b> , 43, 1460-1470	4.3	25
129	Near-Infrared Light Triggered Self-Powered Mechano-Optical Communication System using Wearable Photodetector Textile. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2104782	15.6	25
128	A rapid ethylenediamine-assisted polyol route to synthesize $\text{Sb}_2\text{E}_3$ (E=S, Se) nanowires. <i>Journal of Crystal Growth</i> , <b>2003</b> , 252, 350-354	1.6	24
127	1-D Hetero-Nanostructures: From Growth to Devices. <i>Science of Advanced Materials</i> , <b>2009</b> , 1, 213-226	2.3	24

126	Recent progress and future prospects of sodium-ion capacitors. <i>Science China Materials</i> , <b>2020</b> , 63, 185-206	24
125	Single layers of MoS <sub>2</sub> /Graphene nanosheets embedded in activated carbon nanofibers for high-performance supercapacitor. <i>Journal of Alloys and Compounds</i> , <b>2020</b> , 829, 154557	5.7 23
124	Fabrication and characterization of metal oxide nanowire sensors. <i>Recent Patents on Nanotechnology</i> , <b>2008</b> , 2, 160-8	1.2 23
123	Recent developments in single-crystal inorganic nanotubes synthesised from removable templates. <i>International Journal of Nanotechnology</i> , <b>2007</b> , 4, 730	1.5 23
122	Mixed-Valence-Driven Quasi-1D Sn <sub>1-x</sub> Sn <sub>3</sub> VS <sub>3</sub> with Highly Polarization-Sensitive UV-Vis-NIR Photoresponse. <i>Advanced Functional Materials</i> , <b>2019</b> , 29, 1904416	15.6 22
121	Heteroepitaxial Growth of Orientation-Ordered ZnS Nanowire Arrays. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 12299-12303	3.8 22
120	Donor-Acceptor Nanoensembles Based on Boron Nitride Nanotubes. <i>Advanced Materials</i> , <b>2007</b> , 19, 934-938	2.4 22
119	Solution-phase synthesis of monodispersed SnTe nanocrystallites at room temperature. <i>Inorganic Chemistry Communication</i> , <b>2003</b> , 6, 181-184	3.1 22
118	MXene quantum dot within natural 3D watermelon peel matrix for biocompatible flexible sensing platform. <i>Nano Research</i> , <b>2022</b> , 15, 3653	10 22
117	Artificial Optoelectronic Synapses Based on TiN <sub>x</sub> O <sub>2</sub> /MoS <sub>2</sub> Heterojunction for Neuromorphic Computing and Visual System. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2101201	15.6 22
116	Contact printing of horizontally-aligned p-type ZnO nanowire arrays for rigid and flexible photodetectors. <i>Nanotechnology</i> , <b>2013</b> , 24, 095703	3.4 21
115	One-dimensional nanostructures for electronic and optoelectronic devices. <i>Frontiers of Optoelectronics in China</i> , <b>2010</b> , 3, 125-138	21
114	Photodetectors based on two dimensional materials. <i>Journal of Semiconductors</i> , <b>2016</b> , 37, 091001	2.3 21
113	Recent Advances in Carbon Material-Based Multifunctional Sensors and Their Applications in Electronic Skin Systems. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2104288	15.6 21
112	Wearable supercapacitor self-charged by P(VDF-TrFE) piezoelectric separator. <i>Progress in Natural Science: Materials International</i> , <b>2020</b> , 30, 174-179	3.6 20
111	High-Mobility Solution-Processed Amorphous Indium Zinc Oxide/In <sub>2</sub> O <sub>3</sub> Nanocrystal Hybrid Thin-Film Transistor. <i>IEEE Electron Device Letters</i> , <b>2013</b> , 34, 72-74	4.4 20
110	Fast-heating-vapor-trapping method to aligned indium oxide bi-crystalline nanobelts arrays and their electronic properties. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 10888	20
109	In-Situ Annealed TiCT MXene Based All-Solid-State Flexible Zn-Ion Hybrid Micro Supercapacitor Array with Enhanced Stability. <i>Nano-Micro Letters</i> , <b>2021</b> , 13, 100	19.5 20

108	Wearable, Implantable, and Interventional Medical Devices Based on Smart Electronic Skins. <i>Advanced Materials Technologies</i> , <b>2021</b> , 6, 2100107	6.8	20
107	Tellurophene-Based Random Copolymers for High Responsivity and Detectivity Photodetectors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 1917-1924	9.5	19
106	Hollow Polypyrrole Sleeve Based Coaxial Fiber Supercapacitors for Wearable Integrated Photosensing System. <i>Advanced Materials Technologies</i> , <b>2018</b> , 3, 1800115	6.8	19
105	Two-photon pumped lasing in a single CdS microwire. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 211915	3.4	19
104	Self-sacrificing template route to novel patterns of radially aligned Bi <sub>2</sub> (Se,S) <sub>3</sub> nanorods and Bi <sub>2</sub> Se <sub>3</sub> flakes. <i>Nanotechnology</i> , <b>2004</b> , 15, 1530-1534	3.4	19
103	Wearable Sweat Loss Measuring Devices: From the Role of Sweat Loss to Advanced Mechanisms and Designs. <i>Advanced Science</i> , <b>2021</b> , e2103257	13.6	19
102	Encapsulating Ca <sub>2</sub> Ge <sub>7</sub> O <sub>16</sub> nanowires within graphene sheets as anode materials for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 20673-20680	13	18
101	Symmetry-Reduction Enhanced Polarization-Sensitive Photodetection in Core-Shell SbI/Sb O van der Waals Heterostructure. <i>Small</i> , <b>2020</b> , 16, e1907172	11	18
100	Facile construction of novel CoMoO <sub>4</sub> microplates@CoMoO <sub>4</sub> microprisms structures for well-stable supercapacitors. <i>Progress in Natural Science: Materials International</i> , <b>2016</b> , 26, 243-252	3.6	18
99	Structural engineering for high energy and voltage output supercapacitors. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 6451-8	4.8	18
98	Electron-Beam-Induced Synthesis and Characterization of W <sub>18</sub> O <sub>49</sub> Nanowires. <i>Journal of Physical Chemistry C</i> , <b>2008</b> , 112, 5856-5859	3.8	18
97	Rapid Synthesis of SnSe Nanowires via an Ethylenediamine-assisted Polyol Route. <i>Chemistry Letters</i> , <b>2003</b> , 32, 426-427	1.7	18
96	Micro-Nano Processing of Active Layers in Flexible Tactile Sensors via Template Methods: A Review. <i>Small</i> , <b>2021</b> , 17, e2100804	11	18
95	Low-Temperature Chemical Synthesis of Three-Dimensional Hierarchical Ni(OH) <sub>2</sub> -Coated Ni Microflowers for High-Performance Enzyme-Free Glucose Sensor. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 25752-25759	3.8	18
94	Recent progress of self-powered wearable monitoring systems integrated with microsupercapacitors. <i>Materials Today Nano</i> , <b>2019</b> , 8, 100050	9.7	17
93	Recent Advances of Two-Dimensional Nanomaterials for Electrochemical Capacitors. <i>ChemSusChem</i> , <b>2020</b> , 13, 1093-1113	8.3	17
92	Flexible organic-inorganic hybrid photodetectors with n-type phenyl-C <sub>61</sub> -butyric acid methyl ester (PCBM) and p-type pearl-like GaP nanowires. <i>Nano Research</i> , <b>2014</b> , 7, 1777-1787	10	17
91	Transparent Silver-Nanoparticles/Nanorods-Decorated Zinc Oxide Nanowires. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 21088-21093	3.8	17



90	Large scale synthesis of fishbone-like ZnS nanostructures using ITO glass as the substrate. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 482, L32-L35	5.7	17
89	Size-tunable synthesis of SiO <sub>2</sub> nanotubes via a simple in situ templatelike process. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 23170-4	3.4	17
88	Flexible Short-Wave Infrared Image Sensors Enabled by High-Performance Polymeric Photodetectors. <i>Macromolecules</i> , <b>2020</b> , 53, 10636-10643	5.5	17
87	Water-proof and thermally inert flexible pressure sensors based on zero temperature coefficient of resistance hybrid films. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 9648-9654	7.1	16
86	Boron nitride nanotubes: nanoparticles functionalization and junction fabrication. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2007</b> , 7, 530-4	1.3	16
85	Structure and cathodoluminescence of hierarchical Zn <sub>3</sub> P <sub>2</sub> /ZnS nanotube/nanowire heterostructures. <i>Applied Physics Letters</i> , <b>2007</b> , 90, 073115	3.4	16
84	Flexible Image Sensors with Semiconducting Nanowires for Biomimic Visual Applications. <i>Small Structures</i> , <b>2021</b> , 2, 2000152	8.7	16
83	Low-Noise Dual-Band Polarimetric Image Sensor Based on 1D Bi <sub>2</sub> S <sub>3</sub> Nanowire. <i>Advanced Science</i> , <b>2021</b> , 8, e2100075	13.6	16
82	Direct Polarimetric Image Sensor and Wide Spectral Response Based on Quasi-1D Sb <sub>2</sub> S <sub>3</sub> Nanowire. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2006601	15.6	16
81	Perception-to-cognition Tactile Sensing Based on Artificial intelligence-motivated Human full-skin Bionic Electronic Skin. <i>Advanced Materials</i> , <b>2020</b> , 32, 2202622	24	16
80	Stretchable SnO <sub>2</sub> -CdS interlaced-nanowire film ultraviolet photodetectors. <i>Science China Materials</i> , <b>2019</b> , 62, 1139-1150	7.1	15
79	Highly flexible self-powered photodetectors based on core-shell Sb/CdS nanowires. <i>Journal of Materials Chemistry C</i> , <b>2019</b> , 7, 4581-4586	7.1	15
78	Tubular carbon nano-/microstructures synthesized from graphite powders by an in situ template process. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 10714-9	3.4	15
77	Assessment of Occlusal Force and Local Gas Release Using Degradable Bacterial Cellulose/TiCT MXene Bioaerogel for Oral Healthcare. <i>ACS Nano</i> , <b>2021</b> ,	16.7	15
76	In Situ Dynamic Manipulation of Graphene Strain Sensor with Drastically Sensing Performance Enhancement. <i>Advanced Electronic Materials</i> , <b>2020</b> , 6, 2000269	6.4	14
75	Non-layered ZnSb nanoplates for room temperature infrared polarized photodetectors. <i>Journal of Materials Chemistry C</i> , <b>2020</b> , 8, 6388-6395	7.1	14
74	One-dimensional iron oxides nanostructures. <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2011</b> , 54, 1190-1199	3.6	14
73	Synthesis and interface structures of zinc sulfide sheathed zinc-cadmium nanowire heterojunctions. <i>Journal of Physical Chemistry B</i> , <b>2006</b> , 110, 14123-7	3.4	14

72	The synthesis of SbSI rodlike crystals with studded pyramids. <i>Journal of Crystal Growth</i> , <b>2001</b> , 233, 774-778	14
71	A Flexible Concentric Circle Structured Zinc-Ion Micro-Battery with Electrodeposited Electrodes. <i>Small Methods</i> , <b>2020</b> , 4, 2000363	12.8 14
70	Fabrication of rigid and flexible SrGe <sub>4</sub> O <sub>9</sub> nanotube-based sensors for room-temperature ammonia detection. <i>Nano Research</i> , <b>2018</b> , 11, 431-439	10 13
69	Low-Temperature and Ultrafast Synthesis of Patternable Few-Layer Transition Metal Dichalcogenides with Controllable Stacking Alignment by a Microwave-Assisted Selenization Process. <i>Chemistry of Materials</i> , <b>2016</b> , 28, 1147-1154	9.6 13
68	Heterostructured ZnS/InP nanowires for rigid/flexible ultraviolet photodetectors with enhanced performance. <i>Nanoscale</i> , <b>2017</b> , 9, 15416-15422	7.7 13
67	One-Step Thermo-Chemical Synthetic Method for Nanoscale One-Dimensional Heterostructures. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 3788-3790	9.6 13
66	Characterization of ZnSe spheres via a rapid polyol process. <i>Journal of Crystal Growth</i> , <b>2003</b> , 257, 276-279	9.6 13
65	Characterization of PbSnS <sub>3</sub> Nanorods Prepared via an Iodine Transport Hydrothermal Method. <i>Journal of Solid State Chemistry</i> , <b>2001</b> , 160, 50-53	3.3 13
64	InP-GaP Bi-Coaxial Nanowires and Amorphous GaP Nanotubes. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 3665-3668	3.8 12
63	Low-temperature synthesis and characterization of Bi <sub>2</sub> S <sub>3</sub> nanorods. <i>Journal of Crystal Growth</i> , <b>2002</b> , 245, 304-308	1.6 12
62	Chitosan-Assisted Fabrication of a Network C@VO Cathode for High-Performance Zn-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 37194-37200	9.5 12
61	Flexible and free-standing ternary CdTeO <sub>4</sub> nanowire/graphene oxide/CNT nanocomposite film with improved lithium-ion battery performance. <i>Nanotechnology</i> , <b>2016</b> , 27, 095602	3.4 11
60	Large-scale synthesis of (Bi(Bi <sub>2</sub> S <sub>3</sub> ) <sub>9</sub> I <sub>3</sub> ) <sub>0.667</sub> submicrometer needle-like crystals via a novel polyol route. <i>Journal of Crystal Growth</i> , <b>2003</b> , 249, 331-334	1.6 11
59	Recent progress and perspectives of metal oxides based on-chip microsupercapacitors. <i>Chinese Chemical Letters</i> , <b>2018</b> , 29, 553-563	8.1 11
58	Motion recognition by a liquid filled tubular triboelectric nanogenerator. <i>Nanoscale</i> , <b>2019</b> , 11, 495-503	7.7 10
57	Electrospraying preparation of metal germanate nanospheres for high-performance lithium-ion batteries and room-temperature gas sensors. <i>Nanoscale</i> , <b>2019</b> , 11, 12116-12123	7.7 10
56	Printable Zn <sub>2</sub> GeO <sub>4</sub> Microwires Based Flexible Photodetectors with Tunable Photoresponses. <i>Advanced Materials Technologies</i> , <b>2018</b> , 3, 1800050	6.8 10
55	Metal-Organic-Framework-Derived MCo <sub>2</sub> O <sub>4</sub> (M=Mn and Zn) Nanosheet Arrays on Carbon Cloth as Integrated Anodes for Energy Storage Applications. <i>ChemElectroChem</i> , <b>2019</b> , 6, 5836-5843	4.3 10

54	Si@SiO <sub>2</sub> nanowires/carbon textiles cable-type anodes for high-capacity reversible lithium-ion batteries. <i>RSC Advances</i> , <b>2014</b> , 4, 18391	3.7	10
53	Tin Microspheres Grown on Carbon Cloth as Binder-Free Integrated Anode for High Capacity Lithium Storage. <i>Energy Technology</i> , <b>2014</b> , 2, 370-375	3.5	10
52	Polyol mediated synthesis of nanocrystalline M <sub>3</sub> SbS <sub>3</sub> (M=Ag, Cu). <i>Materials Research Bulletin</i> , <b>2003</b> , 38, 509-513	5.1	10
51	Integrated polarization-sensitive amplification system for digital information transmission. <i>Nature Communications</i> , <b>2021</b> , 12, 6476	17.4	10
50	Recent advanced applications of ion-gel in ionic-gated transistor. <i>Npj Flexible Electronics</i> , <b>2021</b> , 5,	10.7	10
49	Flexible Sensors Based on Organic-Inorganic Hybrid Materials. <i>Advanced Materials Technologies</i> , <b>2021</b> , 6, 2000889	6.8	10
48	An artificial olfactory system with sensing, memory and self-protection capabilities. <i>Nano Energy</i> , <b>2021</b> , 86, 106078	17.1	10
47	Threshold switching synaptic device with tactile memory function. <i>Nano Energy</i> , <b>2020</b> , 76, 105109	17.1	9
46	A Low-temperature in situ Template Reduction-Carbonization Route to TiC Submicrometer Hollow Spheres and Nanorods. <i>Chemistry Letters</i> , <b>2003</b> , 32, 116-117	1.7	9
45	An Ultrasensitive Contact Lens Sensor Based On Self-Assembly Graphene For Continuous Intraocular Pressure Monitoring. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2010991	15.6	9
44	Biocompatible MXene/Chitosan-Based Flexible Bimodal Devices for Real-Time Pulse and Respiratory Rate Monitoring <b>2021</b> , 3, 921-929		9
43	Al-Doping-Induced VO <sub>2</sub> (B) Phase in VO <sub>2</sub> (M) Toward Smart Optical Thin Films with Modulated $\epsilon$ and $n$ . <i>Advanced Engineering Materials</i> , <b>2019</b> , 21, 1900947	3.5	8
42	Single-Crystal Nanotubes of III-V <sub>2</sub> Semiconductors. <i>Angewandte Chemie</i> , <b>2006</b> , 118, 7730-7734	3.6	8
41	A perspective on flexible sensors in developing diagnostic devices. <i>Applied Physics Letters</i> , <b>2021</b> , 119, 150501	3.4	8
40	Longitudinal twinning In <sub>2</sub> Se <sub>3</sub> nanowires for UV-visible-NIR photodetectors with high sensitivity. <i>Frontiers of Optoelectronics</i> , <b>2018</b> , 11, 245-255	2.8	7
39	Self-organized hierarchical zinc phosphide nanoribbon-zinc sulfide nanowire heterostructures. <i>CrystEngComm</i> , <b>2011</b> , 13, 7305	3.3	7
38	Recent advances of flexible sensors for biomedical applications. <i>Progress in Natural Science: Materials International</i> , <b>2021</b> ,	3.6	7
37	Self-catalyzed growth of GaSb nanowires for high performance ultraviolet-visible-near infrared photodetectors. <i>Science China Materials</i> , <b>2020</b> , 63, 383-391	7.1	7

36	All-Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene Based Flexible On-chip Microsupercapacitor Array. <i>Chemical Research in Chinese Universities</i> , <b>2020</b> , 36, 694-698	2.2	7
35	An integrated flexible multifunctional sensing system for simultaneous monitoring of environment signals. <i>Science China Materials</i> , <b>2020</b> , 63, 2560-2569	7.1	7
34	Nb <sub>2</sub> O <sub>5</sub> nanotubes on carbon cloth for high performance sodium-ion capacitors. <i>Science China Materials</i> , <b>2020</b> , 63, 1171-1181	7.1	6
33	Large-Scale Fabrication of Flexible On-Chip Micro-Supercapacitors by a Mechanical Scribing Process. <i>ChemElectroChem</i> , <b>2018</b> , 5, 1652-1657	4.3	6
32	Ladder-like metal oxide nanowires: Synthesis, electrical transport, and enhanced light absorption properties. <i>Nano Research</i> , <b>2014</b> , 7, 272-283	10	6
31	Fabrication of Coaxial Zn/ZnS Core/Shell Fibers on a Large Scale. <i>Journal of Physical Chemistry C</i> , <b>2007</b> , 111, 5673-5676	3.8	6
30	Assembly of carbide nanostructures at low temperature. <i>International Journal of Nanotechnology</i> , <b>2004</b> , 1, 366	1.5	6
29	Continuous Fabrication of TiCT MXene-Based Braided Coaxial Zinc-Ion Hybrid Supercapacitors with Improved Performance.. <i>Nano-Micro Letters</i> , <b>2021</b> , 14, 34	19.5	6
28	Short-Wave Near-Infrared Polarization Sensitive Photodetector Based on GaSb Nanowire. <i>IEEE Electron Device Letters</i> , <b>2021</b> , 42, 549-552	4.4	6
27	Flexible Transparent Near-Infrared Photodetector Based on 2D Ti <sub>3</sub> C <sub>2</sub> MXene-Te Van Der Waals Heterostructures. <i>Chinese Journal of Chemistry</i> , <b>2021</b> , 39, 2141-2146	4.9	6
26	Electrical transport and photoresponse properties of single-crystalline p-type Cd <sub>3</sub> As <sub>2</sub> nanowires. <i>Science China: Physics, Mechanics and Astronomy</i> , <b>2015</b> , 58, 1-6	3.6	5
25	Growth of aligned SnS nanowire arrays for near infrared photodetectors. <i>Journal of Semiconductors</i> , <b>2020</b> , 41, 042602	2.3	5
24	Versatile Route to the Controlled Synthesis of Multilevel Branched Silicon Submicrometer/Nanostructures. <i>Journal of Physical Chemistry C</i> , <b>2010</b> , 114, 134-138	3.8	5
23	Polyol-mediated preparation of disklike (ZnSe) <sub>2</sub> EN precursor and its conversion to ZnSe crystals with quasi-network structure. <i>Journal of Materials Research</i> , <b>2004</b> , 19, 1369-1373	2.5	5
22	A rapid route for the synthesis of submicron Se and Te rod-like crystals. <i>Materials Research Bulletin</i> , <b>2004</b> , 39, 2077-2082	5.1	5
21	Template-assisted synthesis of Sb <sub>8</sub> O <sub>10</sub> (OH) <sub>2</sub> 12 tubular crystals under hydrothermal conditions. <i>Journal of Crystal Growth</i> , <b>2001</b> , 233, 287-291	1.6	5
20	Three-dimensional perovskite nanowire array-based ultrafast resistive RAM with ultralong data retention. <i>Science Advances</i> , <b>2021</b> , 7, eabg3788	14.3	5
19	Microstructure and photoluminescence studies of Sb-doped SnO <sub>2</sub> zigzag nanobelts. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2010</b> , 10, 6629-33	1.3	4

18	Fully transparent flexible transistors built on metal oxide nanowires. <i>Frontiers of Optoelectronics in China</i> , <b>2010</b> , 3, 217-227		4
17	Synthesis of Silver Selenide Dendritic Crystals via Glycothermal Route. <i>Chemistry Letters</i> , <b>2003</b> , 32, 210-214		4
16	All-Flexible Artificial Reflex Arc Based on Threshold-Switching Memristor. <i>Advanced Functional Materials</i> , <b>2020</b> , 241	15.6	4
15	Air-Stabilized Lead-Free Hexagonal Cs <sub>3</sub> Bi <sub>2</sub> I <sub>9</sub> Nanocrystals for Ultrahigh-Performance Optical Detection. <i>Advanced Functional Materials</i> , <b>2020</b> , 3072	15.6	4
14	Flexible Artificial Optoelectronic Synapse based on Lead-Free Metal Halide Nanocrystals for Neuromorphic Computing and Color Recognition. <i>Advanced Science</i> , <b>2020</b> , 123	13.6	4
13	Enhanced anisotropy of the nonlinear absorption in the individual Au nanoparticles functionalized KNbO <sub>3</sub> sub-microwire. <i>Optics Express</i> , <b>2012</b> , 20, 24209-17	3.3	3
12	Modify Cd <sub>3</sub> As <sub>2</sub> nanowires with sulfur to fabricate self-powered NIR photodetectors with enhanced performance. <i>Nano Research</i> , <b>2021</b> , 14, 3379-3385	10	3
11	Low-Dimensional Nanostructure Based Flexible Photodetectors: Device Configuration, Functional Design, Integration, and Applications. <i>Accounts of Materials Research</i> ,	7.5	3
10	Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene-RAN van der Waals Heterostructure-Based Flexible Transparent NIR Photodetector Array for 1024 Pixel Image Sensing Application. <i>Advanced Materials Technologies</i> , <b>2021</b> , 1639	6.8	3
9	Fabrication of core/shell Ge/SiO <sub>2</sub> and Ge/CdS nanospheres. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2009</b> , 9, 572-6	1.3	2
8	High-yield solvo-thermal synthesis of carbon nanotubes from sp <sup>3</sup> hydrocarbons. <i>Applied Physics A: Materials Science and Processing</i> , <b>2005</b> , 81, 523-526	2.6	2
7	2D Nanomaterials with Hierarchical Architecture for Flexible Sensor Application. <i>ACS Symposium Series</i> , <b>2020</b> , 93-116	0.4	2
6	Reliable sensors based on graphene textile with negative resistance variation in three dimensions. <i>Nano Research</i> , <b>2021</b> , 14, 2810-2818	10	2
5	Resonant and Selective Excitation of Photocatalytically Active Defect Sites in TiO <sub>2</sub> . <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 10351-10355	9.5	1
4	Preface to the Special Issue on Flexible Materials and Structures for Bioengineering, Sensing, and Energy Applications. <i>Journal of Semiconductors</i> , <b>2020</b> , 41, 040101	2.3	1
3	Oxidized Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> film-based high-performance flexible pressure sensors. <i>Journal Physics D: Applied Physics</i> , <b>2021</b> , 54, 384002	3	1
2	Hierarchical Sb <sub>2</sub> S <sub>3</sub> /SnS <sub>2</sub> /C heterostructure with improved performance for sodium-ion batteries. <i>Science China Materials</i> , <b>2021</b> , 1	7.1	1
1	Monolayer WS <sub>2</sub> Lateral Homosuperlattices with Two-dimensional Periodic Localized Photoluminescence. <i>ACS Nano</i> , <b>2021</b> ,	16.7	1

