

Yichun Liu

List of Publications by Year in descending order

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567
papers

33,993
citations

4641

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docs citations

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times ranked

35568
citing authors

#	ARTICLE	IF	CITATIONS
1	Synchronous-ultrahigh conductive-reactive N-atoms doping strategy of carbon nanofibers networks for high-performance flexible energy storage. <i>Energy Storage Materials</i> , 2022, 44, 250-262.	9.5	35
2	Flexible, conformal composite proximity sensor for detection of conductor and insulator. <i>Chinese Journal of Analytical Chemistry</i> , 2022, 50, 20-23.	0.9	6
3	Anchoring bismuth oxybromo-iodide solid solutions on flexible electrospun polyacrylonitrile nanofiber mats for floating photocatalysis. <i>Journal of Colloid and Interface Science</i> , 2022, 608, 3178-3191.	5.0	13
4	Recent progress in optoelectronic memristive devices for in-sensor computing. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2022, 71, 148701.	0.2	3
5	Pavlovian conditioning achieved via one-transistor/one-resistor memristive synapse. <i>Applied Physics Letters</i> , 2022, 120, .	1.5	8
6	High-mobility Fungus-triggered Biodegradable Ultraflexible Organic Transistors. <i>Advanced Science</i> , 2022, 9, e2105125.	5.6	10
7	Plasmonic Optoelectronic Memristor Enabling Fully Light-Modulated Synaptic Plasticity for Neuromorphic Vision. <i>Advanced Science</i> , 2022, 9, e2104632.	5.6	81
8	Engineering Relaxation-Paths of C-Exciton for Constructing Band Nesting Bypass in WS_2 Monolayer. <i>Nano Letters</i> , 2022, 22, 3699-3706.	4.5	6
9	Highly permeable $WO_3/CuWO_4$ heterostructure with 3D hierarchical porous structure for high-sensitive room-temperature visible-light driven gas sensor. <i>Sensors and Actuators B: Chemical</i> , 2022, 365, 131926.	4.0	26
10	Three-dimensional porous $CuFe_2O_4$ for visible-light-driven peroxymonosulfate activation with superior performance for the degradation of tetracycline hydrochloride. <i>Chemical Engineering Journal</i> , 2022, 445, 136616.	6.6	27
11	Conductance Quantization in $CH_3NH_3PbI_3$ Memristor. <i>IEEE Electron Device Letters</i> , 2022, 43, 1037-1040.	2.2	2
12	Research progress in skin-like ultraflexible organic field-effect transistors. <i>Scientia Sinica Chimica</i> , 2022, 52, 1925-1947.	0.2	1
13	AgNPs-incorporated nanofiber mats: Relationship between AgNPs size/content, silver release, cytotoxicity, and antibacterial activity. <i>Materials Science and Engineering C</i> , 2021, 118, 111331.	3.8	48
14	Construction of In_2O_3/ZnO yolk-shell nanofibers for room-temperature NO_2 detection under UV illumination. <i>Journal of Hazardous Materials</i> , 2021, 403, 124093.	6.5	75
15	An antimicrobial peptide-immobilized nanofiber mat with superior performances than the commercial silver-containing dressing. <i>Materials Science and Engineering C</i> , 2021, 119, 111608.	3.8	15
16	Sub-femtojoule-Energy-Consumption Conformable Synaptic Transistors Based on Organic Single-Crystalline Nanoribbons. <i>Advanced Functional Materials</i> , 2021, 31, 2007894.	7.8	45
17	Blurred Electrode for Low Contact Resistance in Coplanar Organic Transistors. <i>ACS Nano</i> , 2021, 15, 1155-1166.	7.3	19
18	Flexible and transparent memristive synapse based on polyvinylpyrrolidone/N-doped carbon quantum dot nanocomposites for neuromorphic computing. <i>Nanoscale Advances</i> , 2021, 3, 2623-2631.	2.2	17

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19	Neutron irradiation-induced effects on the reliability performance of electrochemical metallization memory devices. <i>Journal of Semiconductors</i> , 2021, 42, 014103.	2.0	3
20	Facile sputtering enables double-layered ZnO electron transport layer for PbS quantum dot solar cells. <i>Solar Energy</i> , 2021, 214, 599-605.	2.9	3
21	Facile preparation of flexible polyacrylonitrile/BiOCl/BiOI nanofibers via SILAR method for effective floating photocatalysis. <i>Journal of Sol-Gel Science and Technology</i> , 2021, 97, 610-621.	1.1	12
22	Dual Buffer Layers for Developing Electrochemical Metallization Memory With Low Current and High Endurance. <i>IEEE Electron Device Letters</i> , 2021, 42, 308-311.	2.2	16
23	Self-Powered Memristive Systems for Storage and Neuromorphic Computing. <i>Frontiers in Neuroscience</i> , 2021, 15, 662457.	1.4	7
24	Enhanced Photostability and Photoluminescence of Pb ₂ via Constructing Type-II Heterostructure with ZnO. <i>Advanced Photonics Research</i> , 2021, 2, 2000183.	1.7	2
25	Zeolite-Based Memristive Synapse with Ultralow Sub-fJ Energy Consumption for Neuromorphic Computation. <i>Small</i> , 2021, 17, e2006662.	5.2	13
26	Selection of Insulating Elastomers for High-Performance Intrinsically Stretchable Transistors. <i>ACS Applied Electronic Materials</i> , 2021, 3, 1458-1467.	2.0	5
27	Plasmon-driven light harvesting in poly(vinyl alcohol) films for precise surface topography modulation. <i>Optics Letters</i> , 2021, 46, 1828.	1.7	2
28	Nondestructive readout of holographic memory in Ag/TiO ₂ heterojunction via carbon-dots and hydrogel co-modification. <i>Applied Physics Letters</i> , 2021, 118, 141601.	1.5	1
29	Brain-inspired computing via memory device physics. <i>APL Materials</i> , 2021, 9, .	2.2	49
30	Hyaluronic acid nanofibers crosslinked with a nontoxic reagent. <i>Carbohydrate Polymers</i> , 2021, 259, 117757.	5.1	15
31	Humidity Effect on Resistive Switching Characteristics of the CH ₃ NH ₃ Pb ₃ Memristor. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 28555-28563.	4.0	43
32	High switching uniformity and 50 fJ/bit energy consumption achieved in amorphous silicon-based memristive device with an AgInSbTe buffer layer. <i>Applied Physics Letters</i> , 2021, 118, 263507.	1.5	3
33	Crosslinked carboxymethyl starch nanofiber mats: Preparation, water resistance and exudates control ability. <i>European Polymer Journal</i> , 2021, 154, 110568.	2.6	5
34	Self-Standing and Flexible Thermoelectric Nanofiber Mat of an n-Type Conjugated Polymer. <i>ACS Applied Electronic Materials</i> , 2021, 3, 3641-3647.	2.0	10
35	Effects of preparation parameters on the properties of the crosslinked pectin nanofiber mats. <i>Carbohydrate Polymers</i> , 2021, 269, 118314.	5.1	5
36	Ternary NiTiO ₃ @g-C ₃ N ₄ -Au nanofibers with a synergistic Z-scheme core-shell interface and dispersive Schottky contact surface for enhanced solar photocatalytic activity. <i>Materials Chemistry Frontiers</i> , 2021, 5, 2730-2741.	3.2	14

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37	Thermal-assisted electroforming enables performance improvement by suppressing the overshoot current in amorphous carbon-based electrochemical metallization memory. <i>Applied Physics Letters</i> , 2021, 119, .	1.5	3
38	Flexible All-Inorganic Room-Temperature Chemiresistors Based on Fibrous Ceramic Substrate and Visible-Light-Powered Semiconductor Sensing Layer. <i>Advanced Science</i> , 2021, 8, e2102471.	5.6	21
39	Natural Acidic Polysaccharide-Based Memristors for Transient Electronics: Highly Controllable Quantized Conductance for Integrated Memory and Nonvolatile Logic Applications. <i>Advanced Materials</i> , 2021, 33, e2104023.	11.1	30
40	Highly Photoluminescent Monolayer MoS ₂ and WS ₂ Achieved via Superacid Assisted Vacancy Reparation and Doping Strategy. <i>Laser and Photonics Reviews</i> , 2021, 15, 2100104.	4.4	11
41	Highly Stable Nonhydroxyl Antisolvent Polymer Dielectric: A New Strategy towards High-Performance Low-Temperature Solution-Processed Ultraflexible Organic Transistors for Skin-Inspired Electronics. <i>Research</i> , 2021, 2021, 9897353.	2.8	7
42	Crosslinked starch nanofibers with high mechanical strength and excellent water resistance for biomedical applications. <i>Biomedical Materials (Bristol)</i> , 2020, 15, 025007.	1.7	17
43	Nitrogen doping polyvinylpyrrolidone-based carbon nanofibers via pyrolysis of g-C ₃ N ₄ with tunable chemical states and capacitive energy storage. <i>Electrochimica Acta</i> , 2020, 330, 135212.	2.6	38
44	Facile Fabrication of Ultraflexible Transparent Electrodes Using Embedded Copper Networks for Wearable Pressure Sensors. <i>Advanced Materials Technologies</i> , 2020, 5, 1900823.	3.0	17
45	Analytical modeling of electrochemical metallization memory device with dual-layer structure of Ag/AgInSbTe/amorphous C/Pt. <i>Semiconductor Science and Technology</i> , 2020, 35, 02LT01.	1.0	2
46	Thermal coupled photoconductivity as a tool to understand the photothermal catalytic reduction of CO ₂ . <i>Chinese Journal of Catalysis</i> , 2020, 41, 154-160.	6.9	59
47	Unveiling Bandgap Evolution and Carrier Redistribution in Multilayer WSe ₂ : Enhanced Photon Emission via Heat Engineering. <i>Advanced Optical Materials</i> , 2020, 8, 1901226.	3.6	12
48	A coral-like hematite photoanode on a macroporous SnO ₂ : Sb substrate for enhanced photoelectrochemical water oxidation. <i>Electrochimica Acta</i> , 2020, 360, 137012.	2.6	3
49	Photoreduced nanocomposites of graphene oxide/N-doped carbon dots toward all-carbon memristive synapses. <i>NPG Asia Materials</i> , 2020, 12, .	3.8	47
50	Synchronously improved stretchability and mobility by tuning the molecular weight for intrinsically stretchable transistors. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15646-15654.	2.7	26
51	Strain-Discriminable Pressure/Proximity Sensing of Transparent Stretchable Electronic Skin Based on PEDOT:PSS/SWCNT Electrodes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 55083-55093.	4.0	79
52	Cobweb-like, Ultrathin Porous Polymer Films for Ultrasensitive NO ₂ Detection. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 52992-53002.	4.0	15
53	Photo-tunable organic resistive random access memory based on PVP/N-doped carbon dot nanocomposites for encrypted image storage. <i>Journal of Materials Chemistry C</i> , 2020, 8, 14789-14795.	2.7	18
54	Cellulose nanofibers electrospun from aqueous conditions. <i>Cellulose</i> , 2020, 27, 8695-8708.	2.4	6

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55	Ultraflexible, Degradable Organic Synaptic Transistors Based on Natural Polysaccharides for Neuromorphic Applications. <i>Advanced Functional Materials</i> , 2020, 30, 2006271.	7.8	45
56	Cu _x hole transport layer for PbS quantum dot solar cell. <i>Solar Energy</i> , 2020, 209, 118-122.	2.9	2
57	Silent Synapse: Silent Synapse Activation by Plasma-Induced Oxygen Vacancies in TiO ₂ Nanowire-Based Memristor (<i>Adv. Electron. Mater.</i> 9/2020). <i>Advanced Electronic Materials</i> , 2020, 6, 2070039.	2.6	2
58	Reduced Graphene Oxide Conformally Wrapped Silver Nanowire Networks for Flexible Transparent Heating and Electromagnetic Interference Shielding. <i>ACS Nano</i> , 2020, 14, 8754-8765.	7.3	135
59	Enhanced Solar Photothermal Catalysis over Solution Plasma Activated TiO ₂ . <i>Advanced Science</i> , 2020, 7, 2000204.	5.6	89
60	Flexible, Conformable Organic Semiconductor Proximity Sensor Array for Electronic Skin. <i>Advanced Materials Interfaces</i> , 2020, 7, 2000306.	1.9	32
61	Enhanced Carrier-Exciton Interactions in Monolayer MoS ₂ under Applied Voltages. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 18870-18876.	4.0	7
62	Toward a generalized Bienenstock-Cooper-Munro rule for spatiotemporal learning via triplet-STDP in memristive devices. <i>Nature Communications</i> , 2020, 11, 1510.	5.8	124
63	TiO ₂ /SrTiO ₃ /g-C ₃ N ₄ ternary heterojunction nanofibers: gradient energy band, cascade charge transfer, enhanced photocatalytic hydrogen evolution, and nitrogen fixation. <i>Nanoscale</i> , 2020, 12, 8320-8329.	2.8	88
64	Spray-processed nanoporous BiVO ₄ photoanodes with high charge separation efficiency for oxygen evolution. <i>APL Materials</i> , 2020, 8, .	2.2	6
65	Discrete heterojunction nanofibers of BiFeO ₃ /Bi ₂ WO ₆ : Novel architecture for effective charge separation and enhanced photocatalytic performance. <i>Journal of Colloid and Interface Science</i> , 2020, 572, 257-268.	5.0	60
66	Photoassisted Electroforming Method for Reliable Low-Power Organic-Inorganic Perovskite Memristors. <i>Advanced Functional Materials</i> , 2020, 30, 1910151.	7.8	62
67	Two-terminal optoelectronic memory device. , 2020, , 75-105.		0
68	Directly Spin Coating a Low-Viscosity Organic Semiconductor Solution onto Hydrophobic Surfaces: Toward High-Performance Solution-Processable Organic Transistors. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901950.	1.9	15
69	MoSe ₂ /TiO ₂ Nanofibers for Cycling Photocatalytic Removing Water Pollutants under UV-Vis-NIR Light. <i>ACS Applied Nano Materials</i> , 2020, 3, 2278-2287.	2.4	35
70	Moisture-powered memristor with interfacial oxygen migration for power-free reading of multiple memory states. <i>Nano Energy</i> , 2020, 71, 104628.	8.2	44
71	Bidirectional Photochromism via Anchoring of Carbon Dots to TiO ₂ Porous Films. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 6262-6267.	4.0	13
72	Solution-processed PDMS/SWCNT porous electrodes with high mass loading: toward high performance all-stretchable-component lithium ion batteries. <i>Sustainable Energy and Fuels</i> , 2020, 4, 2718-2726.	2.5	17

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73	Sn-doping induced oxygen vacancies on the surface of the In ₂ O ₃ nanofibers and their promoting effect on sensitive NO ₂ detection at low temperature. <i>Sensors and Actuators B: Chemical</i> , 2020, 317, 128194.	4.0	60
74	Gelatin-crosslinked pectin nanofiber mats allowing cell infiltration. <i>Materials Science and Engineering C</i> , 2020, 112, 110941.	3.8	23
75	Revisiting Pt/TiO ₂ photocatalysts for thermally assisted photocatalytic reduction of CO ₂ . <i>Nanoscale</i> , 2020, 12, 7000-7010.	2.8	73
76	Enhancing hologram memory via deposition of plasmonic nanocubes on orderly mesoporous titania. <i>Optics Express</i> , 2020, 28, 13008.	1.7	4
77	Resistive switching performance improvement of amorphous carbon-based electrochemical metallization memory via current stressing. <i>Applied Physics Letters</i> , 2019, 115, 073501.	1.5	9
78	Ultrasensitive Charged Object Detection Based on Rubrene Crystal Sensor. <i>IEEE Transactions on Electron Devices</i> , 2019, 66, 3139-3143.	1.6	6
79	The role of DUV laser irradiation in the optical and electrical properties of indium zinc oxide films synthesized by self-combustion. <i>Journal of Alloys and Compounds</i> , 2019, 806, 327-334.	2.8	5
80	Highly electron-depleted ZnO/ZnFe ₂ O ₄ /Au hollow meshes as an advanced material for gas sensing application. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126769.	4.0	42
81	Hierarchically Porous In ₂ O ₃ /In ₂ S ₃ Heterostructures as Micronano Photocatalytic Reactors Prepared by a Novel Polymer-Assisted Sol-Gel Freeze-Drying Method. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 14106-14114.	1.8	25
82	ZnO/ZnFe ₂ O ₄ /Janus Hollow Nanofibers with Magnetic Separability for Photocatalytic Degradation of Water-Soluble Organic Dyes. <i>ACS Applied Nano Materials</i> , 2019, 2, 4879-4890.	2.4	38
83	Multifunctional NaYF ₄ :Yb,Er@PE ₃ @Fe ₃ O ₄ nanocomposites for magnetic-field-assisted upconversion imaging guided photothermal therapy of cancer cells. <i>Dalton Transactions</i> , 2019, 48, 12850-12857.	1.6	14
84	Poly lactide nanofibers delivering doxycycline for chronic wound treatment. <i>Materials Science and Engineering C</i> , 2019, 104, 109745.	3.8	75
85	Ultrasonic spray pyrolysis-assisted preparation of CoS for stable, uniform and efficient counter electrode in dye-sensitized solar cells. <i>Solar Energy</i> , 2019, 189, 398-403.	2.9	6
86	Improved near-UV electroluminescence of ZnO nanorod array LEDs by coupling with a graphene plasmon layer. <i>Nanophotonics</i> , 2019, 8, 2203-2213.	2.9	10
87	Cesium-functionalized pectin as a cathode interlayer for polymer solar cells. <i>Journal of Materials Chemistry C</i> , 2019, 7, 1592-1596.	2.7	10
88	Composition-controllable p-CuO/n-ZnO hollow nanofibers for high-performance H ₂ S detection. <i>Sensors and Actuators B: Chemical</i> , 2019, 285, 495-503.	4.0	82
89	Enhancing the Intrinsic Stretchability of Micropatterned Gold Film by Covalent Linkage of Carbon Nanotubes for Wearable Electronics. <i>ACS Applied Electronic Materials</i> , 2019, 1, 1295-1303.	2.0	12
90	Memristors with organic-inorganic halide perovskites. <i>Informa Materially</i> , 2019, 1, 183-210.	8.5	111

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91	Direct Z-scheme heterostructure of p-CuAl ₂ O ₄ /n-Bi ₂ WO ₆ composite nanofibers for efficient overall water splitting and photodegradation. <i>Journal of Colloid and Interface Science</i> , 2019, 550, 170-179.	5.0	71
92	Reusable and Flexible g-C ₃ N ₄ /Ag ₃ PO ₄ /Polyacrylonitrile Heterojunction Nanofibers for Photocatalytic Dye Degradation and Oxygen Evolution. <i>ACS Applied Nano Materials</i> , 2019, 2, 3081-3090.	2.4	58
93	Analog "Digital Hybrid Memristive Devices for Image Pattern Recognition with Tunable Learning Accuracy and Speed. <i>Small Methods</i> , 2019, 3, 1900160.	4.6	31
94	Engineering fluorescence intensity and electron concentration of monolayer MoS ₂ by forming heterostructures with semiconductor dots. <i>Nanoscale</i> , 2019, 11, 6544-6551.	2.8	14
95	Construction of hierarchical hetero-structured TiO ₂ photoanodes for dye-sensitized solar energy conversion: Case study of anatase nanobranches on rutile nanorod arrays. <i>Chemical Physics</i> , 2019, 522, 129-133.	0.9	7
96	Nature of vacuum-deposited electrode induced thermal irradiation damage on organic transistors. <i>Applied Surface Science</i> , 2019, 480, 523-528.	3.1	13
97	A crosslinking strategy to make neutral polysaccharide nanofibers robust and biocompatible: With konjac glucomannan as an example. <i>Carbohydrate Polymers</i> , 2019, 215, 130-136.	5.1	31
98	Interface engineering of solution-grown silver nanofiber networks designed as flexible transparent electrodes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3924-3933.	2.7	11
99	Flexible, Conformal Organic Synaptic Transistors on Elastomer for Biomedical Applications. <i>Advanced Functional Materials</i> , 2019, 29, 1901107.	7.8	61
100	Dielectric Selection for Solution-Processed High-Mobility TIPS-Pentacene Microwire Field-Effect Transistors. <i>Advanced Materials Interfaces</i> , 2019, 6, 1801984.	1.9	17
101	A photolithographic stretchable transparent electrode for an all-solution-processed fully transparent conformal organic transistor array. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5385-5393.	2.7	46
102	A flexible conformable artificial organ-damage memory system towards hazardous gas leakage based on a single organic transistor. <i>Materials Horizons</i> , 2019, 6, 717-726.	6.4	60
103	Low surface energy interface-derived low-temperature recrystallization behavior of organic thin films for boosting carrier mobility. <i>Journal of Materials Chemistry C</i> , 2019, 7, 13778-13785.	2.7	5
104	A comparison of computational equations for understanding the effect of adhesion energy on mobility of DNTT thin-film transistors. <i>Modern Physics Letters B</i> , 2019, 33, 1950282.	1.0	2
105	Insertion of Nanoscale AgInSbTe Layer between the Ag Electrode and the CH ₃ NH ₃ PbI ₃ Electrolyte Layer Enabling Enhanced Multilevel Memory. <i>ACS Applied Nano Materials</i> , 2019, 2, 307-314.	2.4	26
106	Revisiting cocatalyst/TiO ₂ photocatalyst in blue light photothermal catalysis. <i>Catalysis Today</i> , 2019, 335, 286-293.	2.2	16
107	TiO _{2-x} /CoO _x photocatalyst sparkles in photothermocatalytic reduction of CO ₂ with H ₂ O steam. <i>Applied Catalysis B: Environmental</i> , 2019, 243, 760-770.	10.8	132
108	An infrared IgG immunoassay based on the use of a nanocomposite consisting of silica coated Fe ₃ O ₄ superparticles. <i>Mikrochimica Acta</i> , 2019, 186, 99.	2.5	5

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109	Cycling-induced Degradation of Organic-Inorganic Perovskite-Based Resistive Switching Memory. <i>Advanced Materials Technologies</i> , 2019, 4, 1800238.	3.0	47
110	Biodegradable Natural Pectin-Based Flexible Multilevel Resistive Switching Memory for Transient Electronics. <i>Small</i> , 2019, 15, e1803970.	5.2	109
111	Graphene-oxide/TiO ₂ nanocomposite films with electron-donors for multicolor holography. <i>Optics Express</i> , 2019, 27, 1740.	1.7	3
112	Bi-photonic reduction of anisotropic Ag nanoparticles for color-tunable hologram reconstruction. <i>Optics Express</i> , 2019, 27, 11991.	1.7	4
113	Recent Advances in Magnetic Upconversion Nanocomposites for Bioapplications. <i>Current Pharmaceutical Design</i> , 2019, 25, 2007-2015.	0.9	5
114	An off-on-colorimetric and fluorometric assay for Cu(II) based on the use of NaYF ₄ :Yb(III),Er(III) upconversion nanoparticles functionalized with branched polyethylenimine. <i>Mikrochimica Acta</i> , 2018, 185, 211.	2.5	21
115	Hollow CuFe ₂ O ₄ /Fe ₂ O ₃ composite with ultrathin porous shell for acetone detection at ppb levels. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 436-446.	4.0	61
116	Complementary Resistive Switching Observed in Graphene Oxide-Based Memory Device. <i>IEEE Electron Device Letters</i> , 2018, 39, 488-491.	2.2	25
117	Analytical Modeling of Organic-Inorganic CH ₃ NH ₃ Pb ₃ Perovskite Resistive Switching and its Application for Neuromorphic Recognition. <i>Advanced Theory and Simulations</i> , 2018, 1, 1700035.	1.3	35
118	Performance enhancement of ZnO nanowires/PbS quantum dot depleted bulk heterojunction solar cells with an ultrathin Al ₂ O ₃ interlayer. <i>Chinese Physics B</i> , 2018, 27, 018503.	0.7	7
119	Color-Tunable ZnO/GaN Heterojunction LEDs Achieved by Coupling with Ag Nanowire Surface Plasmons. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15812-15819.	4.0	36
120	Bismuth oxychloride (BiOCl)/copper phthalocyanine (CuTNPc) heterostructures immobilized on electrospun polyacrylonitrile nanofibers with enhanced activity for floating photocatalysis. <i>Journal of Colloid and Interface Science</i> , 2018, 525, 187-195.	5.0	40
121	Direct Effect of Dielectric Surface Energy on Carrier Transport in Organic Field-Effect Transistors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15943-15951.	4.0	35
122	Immobilization of ZnO/polyaniline heterojunction on electrospun polyacrylonitrile nanofibers and enhanced photocatalytic activity. <i>Materials Chemistry and Physics</i> , 2018, 214, 507-515.	2.0	35
123	Controllable preparation of three-dimensional porous WO ₃ with enhanced visible light photocatalytic activity via a freeze-drying method. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 9605-9612.	1.1	4
124	Effect of the Deformation State on the Response of a Flexible H ₂ S Sensor Based on a Ph5T2 Single-Crystal Transistor. <i>IEEE Electron Device Letters</i> , 2018, 39, 119-122.	2.2	17
125	Molybdenum diselenide nanosheet/carbon nanofiber heterojunctions: Controllable fabrication and enhanced photocatalytic properties with a broad-spectrum response from visible to infrared light. <i>Journal of Colloid and Interface Science</i> , 2018, 518, 1-10.	5.0	28
126	Accurate identification of layer number for few-layer WS ₂ and WSe ₂ via spectroscopic study. <i>Nanotechnology</i> , 2018, 29, 124001.	1.3	52

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127	Oxidized carbon quantum dot-graphene oxide nanocomposites for improving data retention of resistive switching memory. <i>Journal of Materials Chemistry C</i> , 2018, 6, 2026-2033.	2.7	36
128	Heterojunction of g-C ₃ N ₄ /BiOI Immobilized on Flexible Electrospun Polyacrylonitrile Nanofibers: Facile Preparation and Enhanced Visible Photocatalytic Activity for Floating Photocatalysis. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 2316-2323.	3.2	132
129	Ultrasensitive Flexible Proximity Sensor Based on Organic Crystal for Location Detection. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 2785-2792.	4.0	51
130	Cross-Linked Pectin Nanofibers with Enhanced Cell Adhesion. <i>Biomacromolecules</i> , 2018, 19, 490-498.	2.6	58
131	Ultra-facile and rapid colorimetric detection of Cu ²⁺ with branched polyethylenimine in 100% aqueous solution. <i>Analyst</i> , 2018, 143, 409-414.	1.7	28
132	Improved switching reliability achieved in HfO _x based RRAM with mountain-like surface-graphited carbon layer. <i>Applied Surface Science</i> , 2018, 440, 107-112.	3.1	16
133	Fully transparent conformal organic thin-film transistor array and its application as LED front driving. <i>Nanoscale</i> , 2018, 10, 3613-3620.	2.8	24
134	Hierarchical heterostructures of p-type bismuth oxychloride nanosheets on n-type zinc ferrite electrospun nanofibers with enhanced visible-light photocatalytic activities and magnetic separation properties. <i>Journal of Colloid and Interface Science</i> , 2018, 516, 110-120.	5.0	42
135	Control over energy level match in Keggin polyoxometallate-TiO ₂ microspheres for multielectron photocatalytic reactions. <i>Applied Catalysis B: Environmental</i> , 2018, 234, 79-89.	10.8	46
136	Global Control of CH ₃ NH ₃ PbI ₃ Formation with Multifunctional Ionic Liquid for Perovskite Hybrid Photovoltaics. <i>Journal of Physical Chemistry C</i> , 2018, 122, 10699-10705.	1.5	26
137	Bi ₂ WO ₆ /ZnFe ₂ O ₄ heterostructures nanofibers: Enhanced visible-light photocatalytic activity and magnetically separable property. <i>Materials Research Bulletin</i> , 2018, 104, 124-133.	2.7	34
138	Effect of electrode design on crosstalk between neighboring organic field-effect transistors based on one single crystal. <i>Applied Physics Express</i> , 2018, 11, 036502.	1.1	3
139	Fluorescent Holographic Fringes with a Surface Relief Structure Based on Merocyanine Aggregation Driven by Blue-violet Laser. <i>Scientific Reports</i> , 2018, 8, 3818.	1.6	10
140	Solution-Processed Single-Crystal Array for High-Performance Conformable Transistors. <i>IEEE Electron Device Letters</i> , 2018, 39, 595-598.	2.2	11
141	Magnetically separable Bi ₂ MoO ₆ /ZnFe ₂ O ₄ heterostructure nanofibers: Controllable synthesis and enhanced visible light photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2018, 747, 916-925.	2.8	50
142	Minimization of defects in Nb-doped TiO ₂ photocatalysts by molten salt flux. <i>Ceramics International</i> , 2018, 44, 10249-10257.	2.3	8
143	Three dimensional hierarchical heterostructures of g-C ₃ N ₄ nanosheets/TiO ₂ nanofibers: Controllable growth via gas-solid reaction and enhanced photocatalytic activity under visible light. <i>Journal of Hazardous Materials</i> , 2018, 344, 113-122.	6.5	116
144	Electrospun CuAl ₂ O ₄ hollow nanofibers as visible light photocatalyst with enhanced activity and excellent stability under acid and alkali conditions. <i>CrystEngComm</i> , 2018, 20, 312-322.	1.3	18

#	ARTICLE	IF	CITATIONS
145	Magnetic Upconversion Luminescent Nanocomposites with Small Size and Strong Super-Paramagnetism: Polyelectrolyte-Mediated Multimagnetic-Beads Embedding. <i>ACS Applied Nano Materials</i> , 2018, 1, 145-151.	2.4	11
146	Improved Uniformity and Endurance Through Suppression of Filament Overgrowth in Electrochemical Metallization Memory With AgInSbTe Buffer Layer. <i>IEEE Journal of the Electron Devices Society</i> , 2018, 6, 714-720.	1.2	26
147	Intensity-modulated LED achieved through integrating p-GaN/n-ZnO heterojunction with multilevel RRAM. <i>Applied Physics Letters</i> , 2018, 113, .	1.5	13
148	Ultrathin Air-Stable n-Type Organic Phototransistor Array for Conformal Optoelectronics. <i>Scientific Reports</i> , 2018, 8, 16612.	1.6	25
149	Enhanced Full-Spectrum-Response Photocatalysis and Reusability of MoSe ₂ via Hierarchical N-Doped Carbon Nanofibers as Heterostructural Supports. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14314-14322.	3.2	16
150	Conformable n-channel Organic Phototransistors with Enhanced Photosensitivity and Broadened Response Range via Insertion of an Alq ₃ Layer. <i>IEEE Electron Device Letters</i> , 2018, , 1-1.	2.2	0
151	Transferable and Flexible Artificial Memristive Synapse Based on WO _x Schottky Junction on Arbitrary Substrates. <i>Advanced Electronic Materials</i> , 2018, 4, 1800373.	2.6	58
152	Structural Optimization of Oxide/Metal/Oxide Transparent Conductors for High-Performance Low-Emissivity Heaters. <i>Advanced Materials Interfaces</i> , 2018, 5, 1801287.	1.9	14
153	Solution-Grown Serpentine Silver Nanofiber Meshes for Stretchable Transparent Conductors. <i>Advanced Electronic Materials</i> , 2018, 4, 1800346.	2.6	15
154	Laser-induced formation of Au/Pt nanorods with peroxidase mimicking and SERS enhancement properties for application to the colorimetric determination of H ₂ O ₂ . <i>Mikrochimica Acta</i> , 2018, 185, 445.	2.5	23
155	SiO ₂ aerogel monolith allows ultralow amounts of TiO ₂ for the fast and efficient removal of gaseous pollutants. <i>Dalton Transactions</i> , 2018, 47, 13608-13615.	1.6	14
156	Reversible alternation between bipolar and unipolar resistive switching in Ag/MoS ₂ /Au structure for multilevel flexible memory. <i>Journal of Materials Chemistry C</i> , 2018, 6, 7195-7200.	2.7	63
157	Immobilization of ultrafine Ag nanoparticles on well-designed hierarchically porous silica for high-performance catalysis. <i>Journal of Colloid and Interface Science</i> , 2018, 530, 345-352.	5.0	19
158	High-temperature driven inter-valley carrier transfer and significant fluorescence enhancement in multilayer WS ₂ . <i>Nanoscale Horizons</i> , 2018, 3, 598-605.	4.1	13
159	Photocatalytic Reduction of Graphene Oxide-TiO ₂ Nanocomposites for Improving Resistive Switching Memory Behaviors. <i>Small</i> , 2018, 14, e1801325.	5.2	58
160	UV-resistant holographic data storage in noble-metal/semiconductor nanocomposite films with electron-acceptors. <i>Optical Materials Express</i> , 2018, 8, 1143.	1.6	10
161	Graphite Microislands Prepared for Reliability Improvement of Amorphous Carbon Based Resistive Switching Memory. <i>Physica Status Solidi - Rapid Research Letters</i> , 2018, 12, 1800285.	1.2	12
162	High-Performance, Ultrathin, Ultraflexible Organic Thin-Film Transistor Array Via Solution Process. <i>Small</i> , 2018, 14, e1801020.	5.2	75

#	ARTICLE	IF	CITATIONS
163	Crosslinked pectin nanofibers with well-dispersed Ag nanoparticles: Preparation and characterization. <i>Carbohydrate Polymers</i> , 2018, 199, 68-74.	5.1	33
164	Highly uniform switching of HfO ₂ based RRAM achieved through Ar plasma treatment for low power and multilevel storage. <i>Applied Surface Science</i> , 2018, 458, 216-221.	3.1	39
165	Ionic Liquid-Assisted Improvements in the Thermal Stability of CH ₃ NH ₃ PbI ₃ Perovskite Photovoltaics. <i>Physica Status Solidi - Rapid Research Letters</i> , 2018, 12, 1800130.	1.2	27
166	The Nature of Lithium Ion Transport in Low Power Consumption LiFePO ₄ Resistive Memory with Graphite as Electrode. <i>Physica Status Solidi - Rapid Research Letters</i> , 2018, 12, 1800320.	1.2	11
167	Stretchable and conformable synapse memristors for wearable and implantable electronics. <i>Nanoscale</i> , 2018, 10, 18135-18144.	2.8	78
168	The Auger process in multilayer WSe ₂ crystals. <i>Nanoscale</i> , 2018, 10, 17585-17592.	2.8	20
169	Flexible, high-sensitive, and wearable strain sensor based on organic crystal for human motion detection. <i>Organic Electronics</i> , 2018, 61, 304-311.	1.4	32
170	Interface State-Induced Negative Differential Resistance Observed in Hybrid Perovskite Resistive Switching Memory. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 21755-21763.	4.0	74
171	Graphitic carbon nitride/BiOI loaded on electrospun silica nanofibers with enhanced photocatalytic activity. <i>Applied Surface Science</i> , 2018, 455, 952-962.	3.1	46
172	Element substitution of kesterite Cu ₂ ZnSnS ₄ for efficient counter electrode of dye-sensitized solar cells. <i>Scientific Reports</i> , 2018, 8, 8714.	1.6	24
173	Ultrathin Free-Substrate n-Type PTCDI-C13 Transistors With Bilayer Polymer Dielectrics. <i>IEEE Electron Device Letters</i> , 2018, 39, 1183-1186.	2.2	8
174	Bi ₂ MoO ₆ /BiFeO ₃ heterojunction nanofibers: Enhanced photocatalytic activity, charge separation mechanism and magnetic separability. <i>Journal of Colloid and Interface Science</i> , 2018, 529, 404-414.	5.0	99
175	Assembling n-Bi ₂ MoO ₆ Nanosheets on Electrospun p-CuAl ₂ O ₄ Hollow Nanofibers: Enhanced Photocatalytic Activity Based on Highly Efficient Charge Separation and Transfer. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 10714-10723.	3.2	59
176	Interspace modification of titania-nanorod arrays for efficient mesoscopic perovskite solar cells. <i>Applied Surface Science</i> , 2017, 402, 86-91.	3.1	12
177	Protecting hydrogenation-generated oxygen vacancies in BiVO ₄ photoanode for enhanced water oxidation with conformal ultrathin amorphous TiO ₂ layer. <i>Applied Surface Science</i> , 2017, 403, 389-395.	3.1	34
178	Upconversion luminescence enhancement in NaYF ₄ : Yb ³⁺ , Er ³⁺ nanoparticles induced by Cd ²⁺ tridoping. <i>Materials Research Bulletin</i> , 2017, 90, 151-155.	2.7	13
179	Enhancement of Exciton Emission from Multilayer MoS ₂ at High Temperatures: Intervalley Transfer versus Interlayer Decoupling. <i>Small</i> , 2017, 13, 1700157.	5.2	19
180	Enhanced near-UV electroluminescence from p-GaN/i-Al ₂ O ₃ /n-ZnO heterojunction LEDs by optimizing the insulator thickness and introducing surface plasmons of Ag nanowires. <i>Journal of Materials Chemistry C</i> , 2017, 5, 3288-3295.	2.7	40

#	ARTICLE	IF	CITATIONS
181	Bending-durable colloidal quantum dot solar cell using a ZnO nanowire array as a three-dimensional electron transport layer. <i>Applied Physics Letters</i> , 2017, 110, .	1.5	13
182	The detection of copper ions based on photothermal effect of cysteine modified Au nanorods. <i>Sensors and Actuators B: Chemical</i> , 2017, 248, 761-768.	4.0	20
183	Sp ² clustering-induced improvement of resistive switching uniformity in Cu/amorphous carbon/Pt electrochemical metallization memory. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5420-5425.	2.7	26
184	Deposition of Pentacene Thin Film on Polydimethylsiloxane Elastic Dielectric Layer for Flexible Thin-Film Transistors. <i>IEEE Electron Device Letters</i> , 2017, 38, 1031-1034.	2.2	15
185	Fabrication of efficient PbS colloidal quantum dot solar cell with low temperature sputter-deposited ZnO electron transport layer. <i>Solar Energy Materials and Solar Cells</i> , 2017, 169, 264-269.	3.0	29
186	p-NiO/n ⁺ -Si single heterostructure for one diode-one resistor memory applications. <i>Journal of Alloys and Compounds</i> , 2017, 721, 520-524.	2.8	11
187	Adsorption Energy Optimization of Co ₃ O ₄ through Rapid Surface Sulfurization for Efficient Counter Electrode in Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2017, 121, 12524-12530.	1.5	23
188	Controllable gas selectivity at room temperature based on Ph5T2-modified CuPc nanowire field-effect transistors. <i>Organic Electronics</i> , 2017, 48, 68-76.	1.4	20
189	Size-Tunable Low Molecular Weight Pectin-Based Electrospun Nanofibers Blended with Low Content of Poly(ethylene oxide). <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 681-689.	0.9	8
190	SERS-active liposome@Ag/Au nanocomposite for NIR light-driven drug release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 154, 150-159.	2.5	19
191	The W@WO ₃ ohmic contact induces a high-efficiency photooxidation performance. <i>Dalton Transactions</i> , 2017, 46, 1487-1494.	1.6	18
192	Transparent Nb-doped TiO ₂ films with the [001] preferred orientation for efficient photocatalytic oxidation performance. <i>Dalton Transactions</i> , 2017, 46, 15363-15372.	1.6	13
193	Significant improvement of near-UV electroluminescence from ZnO quantum dot LEDs via coupling with carbon nanodot surface plasmons. <i>Nanoscale</i> , 2017, 9, 14592-14601.	2.8	38
194	High-Response Identifiable Gas Sensor Based on a Gas-Dielectric ZnPc Nanobelt FET. <i>IEEE Electron Device Letters</i> , 2017, 38, 1586-1589.	2.2	18
195	Controlled Gas Molecules Doping of Monolayer MoS ₂ via Atomic-Layer-Deposited Al ₂ O ₃ Films. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 27402-27408.	4.0	23
196	Octahedral-Like CuO/In ₂ O ₃ Mesocages with Double-Shell Architectures: Rational Preparation and Application in Hydrogen Sulfide Detection. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 44632-44640.	4.0	46
197	Enhanced Electroluminescence from ZnO Quantum Dot Light-Emitting Diodes via Introducing Al ₂ O ₃ Retarding Layer and Ag@ZnO Hybrid Nanodots. <i>Advanced Optical Materials</i> , 2017, 5, 1700493.	3.6	21
198	Conformal transistor arrays based on solution-processed organic crystals. <i>Scientific Reports</i> , 2017, 7, 15367.	1.6	14

#	ARTICLE	IF	CITATIONS
199	Photolithography-compatible conformal electrodes for high-performance bottom-contact organic single-crystal transistors. <i>Journal of Materials Chemistry C</i> , 2017, 5, 12699-12706.	2.7	21
200	Improved resistive switching reliability by using dual-layer nanoporous carbon structure. <i>Applied Physics Letters</i> , 2017, 111, .	1.5	25
201	Vertical Bi ₂ Se ₃ flake array as a Pt-free counter electrode for dye-sensitized solar cells. <i>RSC Advances</i> , 2017, 7, 51958-51964.	1.7	4
202	Pectinate nanofiber mat with high absorbency and antibacterial activity: A potential superior wound dressing to alginate and chitosan nanofiber mats. <i>Carbohydrate Polymers</i> , 2017, 174, 591-600.	5.1	59
203	Effects of pectin structure and crosslinking method on the properties of crosslinked pectin nanofibers. <i>Carbohydrate Polymers</i> , 2017, 157, 766-774.	5.1	83
204	Surface oxygen vacancies on WO ₃ contributed to enhanced photothermo-synergistic effect. <i>Applied Surface Science</i> , 2017, 391, 654-661.	3.1	85
205	A facile fabrication of nitrogen-doped electrospun In ₂ O ₃ nanofibers with improved visible-light photocatalytic activity. <i>Applied Surface Science</i> , 2017, 391, 668-676.	3.1	40
206	Flexible Organic Single-Crystal Field-Effect Transistor for Ultra-Sensitivity Strain Sensing. <i>IEEE Electron Device Letters</i> , 2017, 38, 1598-1601.	2.2	24
207	Visible laser-assisted reduction of plasmonic Ag nanoparticles with narrow-band optical absorption for colored holographic reconstruction. <i>Optics Express</i> , 2017, 25, 31253.	1.7	6
208	320-nm Flexible Solution-Processed 2,7-dioctyl[1] benzothieno[3,2-b]benzothiophene Transistors. <i>Materials</i> , 2017, 10, 918.	1.3	14
209	Selective photo-oxidation induced bi-periodic plasmonic structures for high-density data storage. <i>Applied Optics</i> , 2017, 56, 7892.	0.9	2
210	Nonvolatile plasmonic holographic memory based on photo-driven ion migration. <i>Applied Optics</i> , 2017, 56, 6942.	0.9	4
211	Fabrication of g-C ₃ N ₄ /SiO ₂ -Au composite nanofibers with enhanced visible photocatalytic activity. <i>Ceramics International</i> , 2017, 43, 15699-15707.	2.3	34
212	Heterojunctions of p-BiOI Nanosheets/n-TiO ₂ Nanofibers: Preparation and Enhanced Visible-Light Photocatalytic Activity. <i>Materials</i> , 2016, 9, 90.	1.3	35
213	A Single Nanobelt Transistor for Gas Identification: Using a Gas-Dielectric Strategy. <i>Sensors</i> , 2016, 16, 917.	2.1	4
214	Transport in organic single-crystal microbelt for conformal electronics. <i>Applied Physics Letters</i> , 2016, 108, .	1.5	8
215	Coexistence of unipolar and bipolar modes in Ag/ZnO/Pt resistive switching memory with oxygen-vacancy and metal-Ag filaments. <i>Chinese Physics B</i> , 2016, 25, 127303.	0.7	18
216	Organic single-crystal transistors and circuits on ultra-fine Au wires with diameters as small as 15 nm via jigsaw puzzle method. <i>IEEE Electron Device Letters</i> , 2016, , 1-1.	2.2	0

#	ARTICLE	IF	CITATIONS
217	CuO nanoparticles/nitrogen-doped carbon nanofibers modified glassy carbon electrodes for non-enzymatic glucose sensors with improved sensitivity. <i>Ceramics International</i> , 2016, 42, 11285-11293.	2.3	69
218	Enhanced photoelectrochemical performance of nanoporous BiVO ₄ photoanode by combining surface deposited cobalt-phosphate with hydrogenation treatment. <i>Electrochimica Acta</i> , 2016, 195, 51-58.	2.6	66
219	Highly Stable Transparent Electrodes Made from Copper Nanotrough Coated with AZO/Al ₂ O ₃ . <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 3811-3815.	0.9	0
220	Improved Mobility and Bias Stability of Thin Film Transistors Using the Double-Layer a-InGaZnO/a-InGaZnO:N Channel. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 3659-3663.	0.9	0
221	Facile in situ synthesis of plasmonic nanoparticles-decorated g-C ₃ N ₄ /TiO ₂ heterojunction nanofibers and comparison study of their photosynergistic effects for efficient photocatalytic H ₂ evolution. <i>Nanoscale</i> , 2016, 8, 11034-11043.	2.8	204
222	Abnormal high-temperature luminescence enhancement observed in monolayer MoS ₂ flakes: thermo-driven transition from negatively charged trions to neutral excitons. <i>Journal of Materials Chemistry C</i> , 2016, 4, 9187-9196.	2.7	15
223	Increased open-circuit voltage of ZnO nanowire/PbS quantum dot bulk heterojunction solar cells with solution-deposited Mg(OH) ₂ interlayer. <i>Physica Status Solidi - Rapid Research Letters</i> , 2016, 10, 745-748.	1.2	19
224	Freestanding hierarchically porous carbon framework decorated by polyaniline as binder-free electrodes for high performance supercapacitors. <i>Journal of Power Sources</i> , 2016, 329, 516-524.	4.0	44
225	Fabrication of silver nanowires and metal oxide composite transparent electrodes and their application in UV light-emitting diodes. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 325103.	1.3	25
226	Rationally designed particle preloading method to improve protein delivery performance of electrospun polyester nanofibers. <i>International Journal of Pharmaceutics</i> , 2016, 512, 204-212.	2.6	14
227	Room temperature immobilized BiOI nanosheets on flexible electrospun polyacrylonitrile nanofibers with high visible-light photocatalytic activity. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 80, 783-792.	1.1	12
228	Solvent-Induced Luminescence Variation of Upconversion Nanoparticles. <i>Langmuir</i> , 2016, 32, 13200-13206.	1.6	21
229	A Glucose Biosensor Based on Detecting Longitudinal Surface Plasmon Resonance of Gold Nanorods. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 6925-6929.	0.9	3
230	Reliability Improvement of Amorphous Carbon Based Resistive Switching Memory by Inserting Nanoporous Layer. <i>IEEE Electron Device Letters</i> , 2016, 37, 1430-1433.	2.2	21
231	Bright and High-Color-Rendering White Light-Emitting Diode Using Color-Tunable Oxchloride and Oxyfluoride Phosphors. <i>Journal of Physical Chemistry C</i> , 2016, 120, 18713-18720.	1.5	27
232	Label-Free Detection of Bovine Serum Albumin Protein Based on SiO ₂ /Au Nanoshells as Near-Infrared Surface-Enhanced Raman Spectroscopy Nanoprobe. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 7103-7109.	0.9	2
233	Blu-ray-sensitive localized surface plasmon resonance for high-density optical memory. <i>Scientific Reports</i> , 2016, 6, 36701.	1.6	22
234	Enhanced Ultraviolet Random Lasing from Au/MgO/ZnO Heterostructure by Introducing p-Cu ₂ O Hole-Injection Layer. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 31485-31490.	4.0	13

#	ARTICLE	IF	CITATIONS
235	Magnetic-bead-based sub-femtomolar immunoassay using resonant Raman scattering signals of ZnS nanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 5013-5019.	1.9	18
236	3D MoS ₂ nanosheet/TiO ₂ nanofiber heterostructures with enhanced photocatalytic activity under UV irradiation. <i>Journal of Alloys and Compounds</i> , 2016, 686, 137-144.	2.8	69
237	Electrospun Carbon Nanofibers/Carbon Nanotubes/Polyaniline Ternary Composites with Enhanced Electrochemical Performance for Flexible Solid-State Supercapacitors. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 1689-1696.	3.2	90
238	Organic Single-Crystal Nanowire Transistor Fabricated by Glass Fiber Mask Method. <i>IEEE Transactions on Electron Devices</i> , 2016, 63, 787-792.	1.6	2
239	Influence of a solution-deposited rutile layer on the morphology of TiO ₂ nanorod arrays and the performance of nanorod-based dye-sensitized solar cells. <i>RSC Advances</i> , 2016, 6, 10450-10455.	1.7	10
240	Coexistence of bipolar and unipolar resistive switching behaviors in the double-layer Ag/ZnS-Ag/CuAlO ₂ /Pt memory device. <i>Applied Surface Science</i> , 2016, 360, 338-341.	3.1	21
241	Brush-controlled oriented growth of TCNQ microwire arrays for field-effect transistors. <i>Journal of Materials Chemistry C</i> , 2016, 4, 433-439.	2.7	13
242	Highly stable copper wire/alumina/polyimide composite films for stretchable and transparent heaters. <i>Journal of Materials Chemistry C</i> , 2016, 4, 3581-3591.	2.7	66
243	Flexible solid-state supercapacitors based on freestanding nitrogen-doped porous carbon nanofibers derived from electrospun polyacrylonitrile@polyaniline nanofibers. <i>Journal of Materials Chemistry A</i> , 2016, 4, 4180-4187.	5.2	203
244	Ultrasonic spray pyrolysis assembly of a TiO ₂ @WO ₃ @Pt multi-heterojunction microsphere photocatalyst using highly crystalline WO ₃ nanosheets: less is better. <i>New Journal of Chemistry</i> , 2016, 40, 3225-3232.	1.4	8
245	Three-dimensional freestanding hierarchically porous carbon materials as binder-free electrodes for supercapacitors: high capacitive property and long-term cycling stability. <i>Journal of Materials Chemistry A</i> , 2016, 4, 5623-5631.	5.2	89
246	A single Eu ²⁺ -activated high-color-rendering oxychloride white-light phosphor for white-light-emitting diodes. <i>Light: Science and Applications</i> , 2016, 5, e16024-e16024.	7.7	289
247	Highly sensitive H ₂ S sensors based on ultrathin organic single-crystal microplate transistors. <i>Organic Electronics</i> , 2016, 32, 94-99.	1.4	14
248	Flexible transparent heaters based on silver nanotrough meshes. <i>Journal of Alloys and Compounds</i> , 2016, 664, 764-769.	2.8	29
249	Plasma treatment introduced memory properties in MoS ₂ field-effect transistors. <i>Applied Physics Express</i> , 2016, 9, 014202.	1.1	5
250	Effect of SiO ₂ Spacer-Layer Thickness on Localized Surface Plasmon-Enhanced ZnO Nanorod Array LEDs. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 1653-1660.	4.0	49
251	Electronic and optoelectronic properties of zinc phthalocyanine single-crystal nanobelt transistors. <i>Organic Electronics</i> , 2016, 30, 158-164.	1.4	16
252	Polyaniline-coated electrospun carbon nanofibers with high mass loading and enhanced capacitive performance as freestanding electrodes for flexible solid-state supercapacitors. <i>Energy</i> , 2016, 95, 233-241.	4.5	122

#	ARTICLE	IF	CITATIONS
253	Reducing the content of carrier polymer in pectin nanofibers by electrospinning at low loading followed with selective washing. <i>Materials Science and Engineering C</i> , 2016, 59, 885-893.	3.8	47
254	Forming-free electrochemical metallization resistive memory devices based on nanoporous TiO _x N _y thin film. <i>Journal of Alloys and Compounds</i> , 2016, 656, 612-617.	2.8	28
255	Gate-modulated transport properties and mechanism for nanowire cross junction based on SnO ₂ semiconductor. <i>Applied Physics Letters</i> , 2015, 107, 233503.	1.5	5
256	Effect of reset voltage polarity on the resistive switching region of unipolar memory. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2015, 212, 2255-2261.	0.8	3
257	Wafer-scale Coplanar Electrodes for 3D Conformal Organic Single-Crystal Circuits. <i>Advanced Electronic Materials</i> , 2015, 1, 1500239.	2.6	26
258	Environment-dependent photochromism of silver nanoparticles interfaced with metal-oxide films. <i>Applied Surface Science</i> , 2015, 357, 2048-2054.	3.1	10
259	Photocatalytic film of BiOCl honeycomb array from anodic aluminium oxide template. <i>Materials Technology</i> , 2015, 30, A84-A88.	1.5	2
260	Two-step vapor transport deposition of large-size bridge-like Bi ₂ Se ₃ nanostructures. <i>CrystEngComm</i> , 2015, 17, 8449-8456.	1.3	3
261	Green electroluminescence from p-ZnO:N/n-GaN heterojunction light-emitting diodes. <i>Materials Research Express</i> , 2015, 2, 025901.	0.8	0
262	Hydrothermal synthesis of carbon-rich graphitic carbon nitride nanosheets for photoredox catalysis. <i>Journal of Materials Chemistry A</i> , 2015, 3, 3281-3284.	5.2	113
263	Improvement of resistive switching memory achieved by using arc-shaped bottom electrode. <i>Applied Physics Express</i> , 2015, 8, 014101.	1.1	15
264	Modulation of electron transportation in amorphous and polycrystalline indium-zinc-oxide films grown by pulse laser deposition. <i>Journal of Non-Crystalline Solids</i> , 2015, 423-424, 18-24.	1.5	5
265	Individual single-crystal nanowires as electrodes for organic single-crystal nanodevices. <i>Journal of Materials Chemistry C</i> , 2015, 3, 9534-9539.	2.7	4
266	Defect-Induced Yellow Color in Nb-Doped TiO ₂ and Its Impact on Visible-Light Photocatalysis. <i>Journal of Physical Chemistry C</i> , 2015, 119, 16623-16632.	1.5	142
267	Efficiency enhanced rutile TiO ₂ nanowire solar cells based on an Sb ₂ S ₃ absorber and a CuI hole conductor. <i>New Journal of Chemistry</i> , 2015, 39, 7243-7250.	1.4	7
268	Polarization-Controlled Bicolor Recording Enhances Holographic Memory in Ag/TiO ₂ Nanocomposite Films. <i>Journal of Physical Chemistry C</i> , 2015, 119, 18559-18566.	1.5	17
269	Flexible solid-state supercapacitors based on freestanding electrodes of electrospun polyacrylonitrile@polyaniline core-shell nanofibers. <i>Electrochimica Acta</i> , 2015, 176, 293-300.	2.6	46
270	Correlation between band alignment and enhanced photocatalysis: a case study with anatase/TiO ₂ (B) nanotube heterojunction. <i>Dalton Transactions</i> , 2015, 44, 13331-13339.	1.6	29

#	ARTICLE	IF	CITATIONS
271	Interplay between Static and Dynamic Energy Transfer in Biofunctional Upconversion Nanoplatfoms. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 2518-2523.	2.1	39
272	Improved resistive switching characteristics by introducing Ag-nanoclusters in amorphous-carbon memory. <i>Materials Letters</i> , 2015, 154, 98-102.	1.3	17
273	Nonvolatile/volatile behaviors and quantized conductance observed in resistive switching memory based on amorphous carbon. <i>Carbon</i> , 2015, 91, 38-44.	5.4	90
274	The effect of Au nanoshells with controllable aggregation on SERS enhancement. <i>Materials Research Express</i> , 2015, 2, 045004.	0.8	1
275	Simple Ethanol Impregnation Treatment Can Enhance Photocatalytic Activity of TiO ₂ Nanoparticles under Visible-Light Irradiation. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 7752-7758.	4.0	78
276	Hierarchical heterostructures of p-type BiOCl nanosheets on electrospun n-type TiO ₂ nanofibers with enhanced photocatalytic activity. <i>Catalysis Communications</i> , 2015, 67, 6-10.	1.6	70
277	Size-controlled ambipolar graphene nanoribbon transistors by an all-dry mask method. <i>Synthetic Metals</i> , 2015, 205, 6-10.	2.1	2
278	Bilayer TiO ₂ photoanode consisting of a nanowire-nanoparticle bottom layer and a spherical voids scattering layer for dye-sensitized solar cells. <i>New Journal of Chemistry</i> , 2015, 39, 4845-4851.	1.4	23
279	TiO ₂ nanoparticle-based electron transport layer with improved wettability for efficient planar-heterojunction perovskite solar cell. <i>Journal of Energy Chemistry</i> , 2015, 24, 717-721.	7.1	16
280	Bismuth oxychloride/carbon nanofiber heterostructures for the degradation of 4-nitrophenol. <i>CrystEngComm</i> , 2015, 17, 7276-7282.	1.3	20
281	Promotion of multi-electron transfer for enhanced photocatalysis: A review focused on oxygen reduction reaction. <i>Applied Surface Science</i> , 2015, 358, 28-45.	3.1	115
282	Bias-polarity-dependent UV/visible transferable electroluminescence from ZnO nanorod array LED with graphene oxide electrode supporting layer. <i>Applied Physics Express</i> , 2015, 8, 095202.	1.1	5
283	Targeted labeling of an early-stage tumor spheroid in a chorioallantoic membrane model with upconversion nanoparticles. <i>Nanoscale</i> , 2015, 7, 1596-1600.	2.8	11
284	Highly photosensitive thienoacene single crystal microplate transistors via optimized dielectric. <i>Organic Electronics</i> , 2015, 16, 171-176.	1.4	19
285	Two-wavelength exposure enhancement in holographic data storage of spirooxazine-doped polymers. <i>Optics Communications</i> , 2015, 338, 269-276.	1.0	6
286	Enhanced waveguide-type ultraviolet electroluminescence from ZnO/MgZnO core/shell nanorod array light-emitting diodes via coupling with Ag nanoparticles localized surface plasmons. <i>Nanoscale</i> , 2015, 7, 1073-1080.	2.8	53
287	In ₂ S ₃ /carbon nanofibers/Au ternary synergetic system: Hierarchical assembly and enhanced visible-light photocatalytic activity. <i>Journal of Hazardous Materials</i> , 2015, 283, 599-607.	6.5	43
288	Au/Ag nanoalloy shells as near-infrared SERS nanoprobe for the detection of protein. <i>Materials Research Express</i> , 2014, 1, 045408.	0.8	7

#	ARTICLE	IF	CITATIONS
289	One-Dimensional Nanostructure Field-Effect Sensors for Gas Detection. <i>Sensors</i> , 2014, 14, 13999-14020.	2.1	57
290	ZnO ultraviolet random laser diode on metal copper substrate. <i>Optics Express</i> , 2014, 22, 16731.	1.7	49
291	Significant Enhancement of Yellow-Green Light Emission of TiO ₂ /TiO ₂ Thin Films Using Au Localized Surface Plasmons: Effect of Dielectric MgO Spacer Layer Thickness. <i>Journal of Nanoscience and Nanotechnology</i> , 2014, 14, 3748-3752.	0.9	1
292	Conductive SnO ₂ :Sb nanobelts as electrodes for detection of NO ₂ in ppb level with ultrahigh sensitivity. <i>Applied Physics Letters</i> , 2014, 104, .	1.5	15
293	Oxygen-concentration effect on p-type CuAlOx resistive switching behaviors and the nature of conducting filaments. <i>Applied Physics Letters</i> , 2014, 104, .	1.5	28
294	Biphotonic holographic grating recordings for different polarization configurations in spirooxazine-doped polymers. <i>Applied Optics</i> , 2014, 53, 5815.	0.9	3
295	Enhanced photoelectrochemical water splitting on hematite thin film with layer-by-layer deposited ultrathin TiO ₂ underlayer. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 16212-16219.	3.8	49
296	Photoelectrochemical Water Splitting with Rutile TiO ₂ Nanowires Array: Synergistic Effect of Hydrogen Treatment and Surface Modification with Anatase Nanoparticles. <i>Electrochimica Acta</i> , 2014, 130, 290-295.	2.6	84
297	Controllable synthesis and enhanced visible photocatalytic degradation performances of Bi ₂ WO ₆ -carbon nanofibers heteroarchitectures. <i>Journal of Sol-Gel Science and Technology</i> , 2014, 70, 149-158.	1.1	12
298	TiO ₂ (B) nanosheets mediate phase selective synthesis of TiO ₂ nanostructured photocatalyst. <i>Applied Surface Science</i> , 2014, 292, 937-943.	3.1	14
299	Photocatalytic activities of heterostructured TiO ₂ -graphene porous microspheres prepared by ultrasonic spray pyrolysis. <i>Journal of Alloys and Compounds</i> , 2014, 584, 180-184.	2.8	39
300	Multi-heterojunction photocatalysts based on WO ₃ nanorods: Structural design and optimization for enhanced photocatalytic activity under visible light. <i>Chemical Engineering Journal</i> , 2014, 237, 29-37.	6.6	63
301	Localized resistive switching in a Zn-Ag/ZnS double-layer memory. <i>Journal Physics D: Applied Physics</i> , 2014, 47, 455101.	1.3	7
302	Single-crystal tetrathiafulvalene microwire arrays formed by drop-casting method in the saturated solvent atmosphere. <i>Synthetic Metals</i> , 2014, 198, 248-254.	2.1	5
303	An ordered array based on vapor-processed phthalocyanine nanoribbons. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5667-5672.	2.7	6
304	Controllable fabrication of oriented micro/nanowire arrays of dibenzo-tetrathiafulvalene by a multiple drop-casting method. <i>Nanoscale</i> , 2014, 6, 1323-1328.	2.8	39
305	Coexistence of an anatase/TiO ₂ (B) heterojunction and an exposed (001) facet in TiO ₂ nanoribbon photocatalysts synthesized via a fluorine-free route and topotactic transformation. <i>Nanoscale</i> , 2014, 6, 5329.	2.8	46
306	High ON/OFF ratio single crystal transistors based on ultrathin thienoacene microplates. <i>Journal of Materials Chemistry C</i> , 2014, 2, 5382-5388.	2.7	24

#	ARTICLE	IF	CITATIONS
307	Electrospun nanofibers of p-type BiFeO ₃ /n-type TiO ₂ hetero-junctions with enhanced visible-light photocatalytic activity. RSC Advances, 2014, 4, 31941.	1.7	75
308	Enhanced electrochromic properties of a TiO ₂ nanowire array via decoration with anatase nanoparticles. Journal of Materials Chemistry C, 2014, 2, 7891.	2.7	47
309	Interface engineering of highly efficient perovskite solar cells. Science, 2014, 345, 542-546.	6.0	5,936
310	A Highly Efficient White Light (Sr ₃ ,Ca,Ba)(PO ₄) ₃ Cl:Eu ²⁺ , Tb ³⁺ , Mn ²⁺ Phosphor via Dual Energy Transfers for White Light-Emitting Diodes. Inorganic Chemistry, 2014, 53, 3441-3448.	1.9	141
311	Recent progress in ZnO-based heterojunction ultraviolet light-emitting devices. Science Bulletin, 2014, 59, 1219-1227.	1.7	10
312	MoO ₃ Nanostructures/TiO ₂ Nanofiber Heterojunctions: Controlled Fabrication and Enhanced Photocatalytic Properties. ACS Applied Materials & Interfaces, 2014, 6, 9004-9012.	4.0	148
313	CuO/Cu ₂ O nanofibers as electrode materials for non-enzymatic glucose sensors with improved sensitivity. RSC Advances, 2014, 4, 31056.	1.7	79
314	Ultraviolet electroluminescence from Au/MgO/Mg ZnO heterojunction diodes and the observation of Zn-rich cluster emission. Journal of Luminescence, 2014, 148, 116-120.	1.5	7
315	Polarization-dependent and rewritable holographic gratings in Ag/TiO ₂ nanocomposite films. Optics Communications, 2014, 318, 1-6.	1.0	16
316	One-dimensional heterostructures of beta-nickel hydroxide nanoplates/electrospun carbon nanofibers: Controlled fabrication and high capacitive property. International Journal of Hydrogen Energy, 2014, 39, 16162-16170.	3.8	14
317	Low temperature preparation and characterization of (Ga _{1-x} Zn _x)(N _{1-y} O _y) alloy nanostructures using electrospun nanofibers as source materials. Ceramics International, 2014, 40, 3425-3431.	2.3	5
318	Enhanced ultraviolet emission and improved spatial distribution uniformity of ZnO nanorod array light-emitting diodes via Ag nanoparticles decoration. Nanoscale, 2013, 5, 8634.	2.8	48
319	Ultrafast Li-ion battery anode with superlong life and excellent cycling stability from strongly coupled ZnO nanoparticle/conductive nanocarbon skeleton hybrid materials. Nano Energy, 2013, 2, 579-585.	8.2	92
320	Multi-wavelength holographic storage in PMMA film containing spirooxazines. Proceedings of SPIE, 2013, , .	0.8	0
321	BiOCl nanosheets immobilized on electrospun polyacrylonitrile nanofibers with high photocatalytic activity and reusable property. Applied Surface Science, 2013, 285, 509-516.	3.1	70
322	Controlled synthesis of Ag-coated TiO ₂ nanofibers and their enhanced effect in photocatalytic applications. Applied Surface Science, 2013, 280, 720-725.	3.1	27
323	A multiphase strategy for realizing green cathodoluminescence in 12CaO·7Al ₂ O ₃ ·CaCeAl ₃ O ₇ :Ce ³⁺ ,Tb ³⁺ conductive phosphor. Dalton Transactions, 2013, 42, 16311.	1.6	21
324	Spectral modulation through controlling anions in nanocaged phosphors. Journal of Materials Chemistry C, 2013, 1, 7896.	2.7	10

#	ARTICLE	IF	CITATIONS
325	Rutile TiO ₂ nanowire array infiltrated with anatase nanoparticles as photoanode for dye-sensitized solar cells: enhanced cell performance via the rutile–anatase heterojunction. <i>Journal of Materials Chemistry A</i> , 2013, 1, 3309.	5.2	49
326	An electron-rich free-standing carbon@Au core–shell nanofiber network as a highly active and recyclable catalyst for the reduction of 4-nitrophenol. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 10453.	1.3	69
327	Formation mechanisms of multiple holographic gratings in spirooxazine-doped polymer films. <i>Optik</i> , 2013, 124, 139-143.	1.4	7
328	Heterostructured TiO ₂ /WO ₃ porous microspheres: Preparation, characterization and photocatalytic properties. <i>Catalysis Today</i> , 2013, 201, 195-202.	2.2	118
329	Hierarchical assembly of ultrathin hexagonal SnS ₂ nanosheets onto electrospun TiO ₂ nanofibers: enhanced photocatalytic activity based on photoinduced interfacial charge transfer. <i>Nanoscale</i> , 2013, 5, 606-618.	2.8	344
330	Gas Dielectric Transistor of CuPc Single Crystalline Nanowire for SO ₂ Detection Down to Sub-ppm Levels at Room Temperature. <i>Advanced Materials</i> , 2013, 25, 2269-2273.	11.1	158
331	One-dimensional hierarchical heterostructures of In ₂ S ₃ nanosheets on electrospun TiO ₂ nanofibers with enhanced visible photocatalytic activity. <i>Journal of Hazardous Materials</i> , 2013, 260, 892-900.	6.5	103
332	Color tuning of (K ^x ,Na ^x)SrPO ₄ :0.005Eu ²⁺ , yTb ³⁺ blue-emitting phosphors via crystal field modulation and energy transfer. <i>Journal of Materials Chemistry C</i> , 2013, 1, 4570.	2.7	84
333	Performance improvement of resistive switching memory achieved by enhancing local-electric-field near electromigrated Ag-nanoclusters. <i>Nanoscale</i> , 2013, 5, 4490.	2.8	105
334	Detection of label-free H ₂ O ₂ based on sensitive Au nanorods as sensor. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 102, 327-330.	2.5	28
335	Anisotropic strained cubic MgZnO/MgO multiple-quantum-well nanorods: Growths and optical properties. <i>Applied Physics Letters</i> , 2013, 102, 031905.	1.5	11
336	Eu ²⁺ , Tb ³⁺ , Mn ²⁺ Triactivated Ba ₃ MgSi ₂ O ₈ Red-Emitting Phosphors for Near Ultraviolet Lighting Emitting Diodes. <i>ECS Journal of Solid State Science and Technology</i> , 2013, 2, R213-R217.	0.9	8
337	Origin of ultraviolet electroluminescence in n-p-GaN and n-p-MgZnO/p-GaN heterojunction light-emitting diodes. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2013, 210, 2751-2755.	0.8	6
338	Waveband-dependent photochemical processing of graphene oxide in fabricating reduced graphene oxide film and graphene oxide–Ag nanoparticles film. <i>RSC Advances</i> , 2013, 4, 2404-2408.	1.7	25
339	Photoinduced anisotropy and polarization holographic gratings formed in Ag/TiO ₂ nanocomposite films. <i>Applied Optics</i> , 2012, 51, 3357.	0.9	19
340	Effect of oxygen-related surface adsorption on the efficiency and stability of ZnO nanorod array ultraviolet light-emitting diodes. <i>Applied Physics Letters</i> , 2012, 100, .	1.5	42
341	The infrared fingerprint signals of silica nanoparticles and its application in immunoassay. <i>Applied Physics Letters</i> , 2012, 100, 013701.	1.5	28
342	Multiplexed holographic gratings recorded by 405nm laser in polymer film containing spirooxazines. <i>Proceedings of SPIE</i> , 2012, , .	0.8	1

#	ARTICLE	IF	CITATIONS
343	Up-Conversion Luminescence of NaYF ₄ :Yb ³⁺ /Er ³⁺ Nanoparticles Embedded into PVP Nanotubes with Controllable Diameters. <i>Journal of Physical Chemistry C</i> , 2012, 116, 5787-5791.	1.5	43
344	In ₂ O ₃ nanocubes/carbon nanofibers heterostructures with high visible light photocatalytic activity. <i>Journal of Materials Chemistry</i> , 2012, 22, 1786-1793.	6.7	72
345	Growth of single-crystalline rutile TiO ₂ nanowire array on titanate nanosheet film for dye-sensitized solar cells. <i>Journal of Materials Chemistry</i> , 2012, 22, 6389.	6.7	62
346	Hierarchical heterostructures of Bi ₂ MoO ₆ on carbon nanofibers: controllable solvothermal fabrication and enhanced visible photocatalytic properties. <i>Journal of Materials Chemistry</i> , 2012, 22, 577-584.	6.7	196
347	Localized surface plasmon-enhanced ultraviolet electroluminescence from In-ZnO/i-ZnO/p-GaN heterojunction light-emitting diodes via optimizing the thickness of MgO spacer layer. <i>Applied Physics Letters</i> , 2012, 101, .	1.5	40
348	Carbon-modified BiVO ₄ microtubes embedded with Ag nanoparticles have high photocatalytic activity under visible light. <i>Nanoscale</i> , 2012, 4, 7501.	2.8	82
349	Bi ₂ MoO ₆ microtubes: Controlled fabrication by using electrospun polyacrylonitrile microfibers as template and their enhanced visible light photocatalytic activity. <i>Journal of Hazardous Materials</i> , 2012, 225-226, 155-163.	6.5	130
350	Controllable synthesis of Zn ₂ TiO ₄ @carbon core/shell nanofibers with high photocatalytic performance. <i>Journal of Hazardous Materials</i> , 2012, 229-230, 265-272.	6.5	26
351	MgZnO/MgO strained multiple-quantum-well nanocolumnar films: Stress-induced structural transition and deep ultraviolet emission. <i>Journal of Alloys and Compounds</i> , 2012, 513, 399-403.	2.8	10
352	Preparation and characterization of multifunctional Fe ₃ O ₄ /ZnO/SiO ₂ nanocomposites. <i>Journal of Alloys and Compounds</i> , 2012, 535, 91-94.	2.8	5
353	The effect of PVP on the formation and optical properties ZnO/Ag nanocomposites. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2012, 405, 1-5.	2.3	19
354	Enhancement of the Visible-Light Photocatalytic Activity of In ₂ O ₃ â€“TiO ₂ Nanofiber Heteroarchitectures. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 424-430.	4.0	320
355	Single-phased white-emitting 12CaOÂ·7Al ₂ O ₃ :Ce ³⁺ , Dy ³⁺ phosphors with suitable electrical conductivity for field emission displays. <i>Journal of Materials Chemistry</i> , 2012, 22, 16839.	6.7	58
356	Tubular nanocomposite catalysts based on size-controlled and highly dispersed silver nanoparticles assembled on electrospun silicananotubes for catalytic reduction of 4-nitrophenol. <i>Journal of Materials Chemistry</i> , 2012, 22, 1387-1395.	6.7	251
357	In situ assembly of well-dispersed Au nanoparticles on TiO ₂ /ZnO nanofibers: A three-way synergistic heterostructure with enhanced photocatalytic activity. <i>Journal of Hazardous Materials</i> , 2012, 237-238, 331-338.	6.5	113
358	Low-temperature, catalyst-free vaporâ€“solid growth of ultralong ZnO nanowires. <i>Materials Chemistry and Physics</i> , 2012, 136, 455-459.	2.0	4
359	One-dimensional Bi ₂ MoO ₆ /TiO ₂ hierarchical heterostructures with enhanced photocatalytic activity. <i>CrystEngComm</i> , 2012, 14, 605-612.	1.3	228
360	Morphologically-tunable TiO ₂ nanorod film with high energy facets: green synthesis, growth mechanism and photocatalytic activity. <i>Nanoscale</i> , 2012, 4, 5023.	2.8	44

#	ARTICLE	IF	CITATIONS
361	In situ Generation of Well-Dispersed ZnO Quantum Dots on Electrospun Silica Nanotubes with High Photocatalytic Activity. ACS Applied Materials & Interfaces, 2012, 4, 785-790.	4.0	63
362	Phytotoxic and genotoxic effects of ZnO nanoparticles on garlic (<i>Allium sativum</i>): A morphological study. Nanotoxicology, 2012, 6, 241-248.	1.6	109
363	Simple route to self-assembled BiOCl networks photocatalyst from nanosheet with exposed (001) facet. Micro and Nano Letters, 2012, 7, 152.	0.6	35
364	Synaptic Learning and Memory Functions Achieved Using Oxygen Ion Migration/Diffusion in an Amorphous InGaZnO Memristor. Advanced Functional Materials, 2012, 22, 2759-2765.	7.8	627
365	Thermally Stable Pyrochlore $Y_2Ti_2O_7$: Orange-Red Emitting Phosphors. Journal of the American Ceramic Society, 2012, 95, 658-662.	1.9	36
366	Influence of Flux on Morphology and Luminescence Properties of Phosphors: A Case Study on $Y_{1.55}Ti_2O_7$:0.45. Journal of the American Ceramic Society, 2012, 95, 1447-1453.	1.9	36
367	Multifunctional ZnO/Ag nanorod array as highly sensitive substrate for surface enhanced Raman detection. Colloids and Surfaces B: Biointerfaces, 2012, 94, 157-162.	2.5	48
368	Electrospinning preparation and photoluminescence properties of poly (methyl methacrylate)/Eu ³⁺ ions composite nanofibers and nanoribbons. Materials Research Bulletin, 2012, 47, 321-327.	2.7	15
369	Solar photocatalytic activities of porous Nb-doped TiO ₂ microspheres prepared by ultrasonic spray pyrolysis. Solid State Sciences, 2012, 14, 139-144.	1.5	77
370	Bi ₂ MoO ₆ ultrathin nanosheets on ZnTiO ₃ nanofibers: A 3D open hierarchical heterostructures synergistic system with enhanced visible-light-driven photocatalytic activity. Journal of Hazardous Materials, 2012, 217-218, 422-428.	6.5	86
371	Iron phthalocyanine/TiO ₂ nanofiber heterostructures with enhanced visible photocatalytic activity assisted with H ₂ O ₂ . Journal of Hazardous Materials, 2012, 219-220, 156-163.	6.5	67
372	In situ assembly of well-dispersed Ag nanoparticles (AgNPs) on electrospun carbon nanofibers (CNFs) for catalytic reduction of 4-nitrophenol. Nanoscale, 2011, 3, 3357.	2.8	566
373	Solvothermal synthesis and electrochemical properties of 3D flower-like iron phthalocyanine hierarchical nanostructure. Nanoscale, 2011, 3, 5126.	2.8	30
374	Bi ₄ Ti ₃ O ₁₂ nanosheets/TiO ₂ submicron fibers heterostructures: in situ fabrication and high visible light photocatalytic activity. Journal of Materials Chemistry, 2011, 21, 6922.	6.7	113
375	Electrically pumped near-ultraviolet lasing from ZnO/MgO core/shell nanowires. Applied Physics Letters, 2011, 99, .	1.5	65
376	Core/shell nanofibers of TiO ₂ @carbon embedded by Ag nanoparticles with enhanced visible photocatalytic activity. Journal of Materials Chemistry, 2011, 21, 17746.	6.7	143
377	Flexible Resistive Switching Memory Device Based on Amorphous InGaZnO Film With Excellent Mechanical Endurance. IEEE Electron Device Letters, 2011, 32, 1442-1444.	2.2	121
378	Hydrothermal Growth of Layered Titanate Nanosheet Arrays on Titanium Foil and Their Topotactic Transformation to Heterostructured Ti ₂ Photocatalysts. Journal of Physical Chemistry C, 2011, 115, 22276-22285.	1.5	111

#	ARTICLE	IF	CITATIONS
379	In situ assembly of well-dispersed gold nanoparticles on electrospun silica nanotubes for catalytic reduction of 4-nitrophenol. <i>Chemical Communications</i> , 2011, 47, 3906.	2.2	276
380	Highly Efficient Decomposition of Organic Dye by Aqueous-Solid Phase Transfer and In Situ Photocatalysis Using Hierarchical Copper Phthalocyanine Hollow Spheres. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 2573-2578.	4.0	78
381	High Photocatalytic Activity of ZnO@Carbon Nanofiber Heteroarchitectures. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 590-596.	4.0	415
382	TiO ₂ @carbon core/shell nanofibers: Controllable preparation and enhanced visible photocatalytic properties. <i>Nanoscale</i> , 2011, 3, 2943.	2.8	187
383	Highly dispersed Fe ₃ O ₄ nanosheets on one-dimensional carbon nanofibers: Synthesis, formation mechanism, and electrochemical performance as supercapacitor electrode materials. <i>Nanoscale</i> , 2011, 3, 5034.	2.8	299
384	Hierarchical Nanostructures of Copper(II) Phthalocyanine on Electrospun TiO ₂ Nanofibers: Controllable Solvothermal-Fabrication and Enhanced Visible Photocatalytic Properties. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 369-377.	4.0	194
385	Superhydrophobic and Ultraviolet-Blocking Cotton Textiles. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 1277-1281.	4.0	177
386	Dandelion-like Fe ₃ O ₄ @CuTNPc hierarchical nanostructures as a magnetically separable visible-light photocatalyst. <i>Journal of Materials Chemistry</i> , 2011, 21, 12083.	6.7	54
387	Controllable fabrication of cadmium phthalocyanine nanostructures immobilized on electrospun polyacrylonitrile nanofibers with high photocatalytic properties under visible light. <i>Catalysis Communications</i> , 2011, 12, 880-885.	1.6	42
388	Controlled synthesis of PAN/Ag ₂ S composites nanofibers via electrospinning-assisted hydro(solvo)thermal method. <i>Journal of Non-Crystalline Solids</i> , 2011, 357, 1488-1493.	1.5	20
389	A Facile in Situ Hydrothermal Method to SrTiO ₃ /TiO ₂ Nanofiber Heterostructures with High Photocatalytic Activity. <i>Langmuir</i> , 2011, 27, 2946-2952.	1.6	269
390	Excitons Emissions and Raman Scattering of ZnO Nanoparticles Embedded in BaF ₂ Matrices by Reactive Magnetron Sputtering. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 9823-9828.	0.9	0
391	Multiphonon Resonant Raman Scattering (MRRS) of Semiconductor Nanomaterials for Biodetection. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 9357-9367.	0.9	4
392	Size-controlled growth of ZnO nanowires by catalyst-free high-pressure pulsed laser deposition and their optical properties. <i>AIP Advances</i> , 2011, 1, .	0.6	25
393	Rutile TiO ₂ nanowires on anatase TiO ₂ nanofibers: A branched heterostructured photocatalysts via interface-assisted fabrication approach. <i>Journal of Colloid and Interface Science</i> , 2011, 363, 157-164.	5.0	50
394	Ultrasensitive protein detection in terms of multiphonon resonance Raman scattering in ZnS nanocrystals. <i>Applied Physics Letters</i> , 2011, 98, .	1.5	13
395	Photovoltaic properties of graphene oxide sheets beaded with ZnO nanoparticles. <i>Journal of Solid State Chemistry</i> , 2011, 184, 881-887.	1.4	39
396	Red-emitting LiEuMo ₂ xSi ₆ O ₈ phosphors for white light-emitting diodes. <i>Journal of Luminescence</i> , 2011, 131, 653-656.	1.5	17

#	ARTICLE	IF	CITATIONS
397	Tin oxide (SnO ₂) nanoparticles/electrospun carbon nanofibers (CNFs) heterostructures: Controlled fabrication and high capacitive behavior. <i>Journal of Colloid and Interface Science</i> , 2011, 356, 706-712.	5.0	88
398	Electrospun nanofibers of TiO ₂ /CdS heteroarchitectures with enhanced photocatalytic activity by visible light. <i>Journal of Colloid and Interface Science</i> , 2011, 359, 220-227.	5.0	87
399	Visible Luminescence Mechanism of ZnO Nanoparticles Synthesized by Sol-Gel Method. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 9415-9420.	0.9	3
400	Size-dependent photochromism-based holographic storage of Ag/TiO ₂ nanocomposite film. <i>Applied Physics Letters</i> , 2011, 98, .	1.5	27
401	One-Step Nonaqueous Synthesis of Pure Phase TiO ₂ Nanocrystals from TiCl ₄ in Butanol and Their Photocatalytic Properties. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-6.	1.5	5
402	Ultraviolet Lasing Action in ZnO Nanosheets. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 6744-6747.	0.9	2
403	The Synthesis and Optical Properties of ZnO Nanocombs. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 2370-2374.	0.9	7
404	Probing the Visible Luminescence Mechanism in ZnO Nanoparticles by Band Edge Modulation. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 2185-2189.	0.9	5
405	The ultralow driven current ultraviolet-blue light-emitting diode based on n-ZnO nanowires/i-polymer/p-GaN heterojunction. <i>Applied Physics Letters</i> , 2010, 97, .	1.5	26
406	Magnetic-field-assisted rapid ultrasensitive immunoassays using Fe ₃ O ₄ /ZnO/Au nanorices as Raman probes. <i>Biosensors and Bioelectronics</i> , 2010, 26, 918-922.	5.3	30
407	Effects of temperature and pressure on the structural and optical properties of ZnO films grown by pulsed laser deposition. <i>Science China Technological Sciences</i> , 2010, 53, 317-321.	2.0	3
408	Microstructure and optical properties of Eu-doped Mg _x Zn _{1-x} O hexagonal nanocrystals. <i>Science China Technological Sciences</i> , 2010, 53, 761-765.	2.0	1
409	Three-dimensional hierarchical CeO ₂ nanowalls/TiO ₂ nanofibers heterostructure and its high photocatalytic performance. <i>Journal of Sol-Gel Science and Technology</i> , 2010, 55, 105-110.	1.1	28
410	Fabrication, structure, and enhanced photocatalytic properties of hierarchical CeO ₂ nanostructures/TiO ₂ nanofibers heterostructures. <i>Materials Research Bulletin</i> , 2010, 45, 1406-1412.	2.7	64
411	Synthesis of heteroarchitectures of PbS nanostructures well-erected on electrospun TiO ₂ nanofibers. <i>Journal of Colloid and Interface Science</i> , 2010, 346, 324-329.	5.0	18
412	Enhanced ultraviolet emission from highly dispersed ZnO quantum dots embedded in poly(vinyl) Tj ETQq0 0 0 rgBT, /Overlock, 10 Tf 50 1	5.0	44
413	Zinc phthalocyanine hierarchical nanostructure with hollow interior space: Solvent thermal synthesis and high visible photocatalytic property. <i>Journal of Colloid and Interface Science</i> , 2010, 348, 37-42.	5.0	45
414	Electrospun nanofibers of V-doped TiO ₂ with high photocatalytic activity. <i>Journal of Colloid and Interface Science</i> , 2010, 351, 57-62.	5.0	121

#	ARTICLE	IF	CITATIONS
415	Electrospun nanofibers of poly(acrylonitrile)/Eu ³⁺ and their photoluminescence properties. Journal of Physics and Chemistry of Solids, 2010, 71, 273-278.	1.9	24
416	Effects of compliance currents on the formation and rupture of conducting filaments in unipolar resistive switching of CoO film. Journal Physics D: Applied Physics, 2010, 43, 385105.	1.3	31
417	Characterization and Optical Transition in Tb-Doped 12CaO·7Al ₂ O ₃ Powders. Journal of Nanoscience and Nanotechnology, 2010, 10, 2125-2130.	0.9	3
418	Multifunctional Fe ₃ O ₄ /ZnO Nanocomposites with Magnetic and Optical Properties. Journal of Nanoscience and Nanotechnology, 2010, 10, 1992-1997.	0.9	25
419	Amplified spontaneous emission from an Ag-backed red-fluorescent-dye-doped polymer film. Applied Optics, 2010, 49, 315.	2.1	5
420	Electrospun Nanofibers of <i>p</i> -Type NiO/ <i>n</i> -Type ZnO Heterojunctions with Enhanced Photocatalytic Activity. ACS Applied Materials & Interfaces, 2010, 2, 2915-2923.	4.0	574
421	Photo-assisted preparation and patterning of large-area reduced graphene oxide/TiO ₂ conductive thin film. Chemical Communications, 2010, 46, 3499.	2.2	105
422	Electrospun Nanofibers of ZnO/SnO ₂ Heterojunction with High Photocatalytic Activity. Journal of Physical Chemistry C, 2010, 114, 7920-7925.	1.5	345
423	Heteroepitaxial Growth and Spatially Resolved Cathodoluminescence of ZnO/MgZnO Coaxial Nanorod Arrays. Journal of Physical Chemistry C, 2010, 114, 16148-16152.	1.5	31
424	A simple route to controllable growth of ZnO nanorod arrays on conducting substrates. CrystEngComm, 2010, 12, 940-946.	1.3	20
425	Formation of holographic fringes on photochromic Ag/TiO ₂ nanocomposite films. Applied Physics Letters, 2009, 94, .	1.5	41
426	Local chemical states and thermal stabilities of nitrogen dopants in ZnO film studied by temperature-dependent x-ray photoelectron spectroscopy. Applied Physics Letters, 2009, 95, .	1.5	78
427	Microphotoluminescence investigation on single ZnO microrods with different morphologies. Journal of Applied Physics, 2009, 105, .	1.1	2
428	Effect of nitrogenized Si(100) substrates on the quality of ZnO films grown by pulsed laser deposition. Journal Physics D: Applied Physics, 2009, 42, 035307.	1.3	2
429	Hexamethylenediamine-assisted hydrothermal preparation of uniform ZnO particles and their morphology-dependent photoluminescent properties. Materials Chemistry and Physics, 2009, 115, 547-550.	2.0	8
430	Polyacrylonitrile and Carbon Nanofibers with Controllable Nanoporous Structures by Electrospinning. Macromolecular Materials and Engineering, 2009, 294, 673-678.	1.7	119
431	Erasure mechanisms of polarization holographic gratings in spirooxazine-doped polymer films. Journal of Applied Polymer Science, 2009, 111, 2157-2162.	1.3	11
432	Electrospun nanofibers of NiO/SiO ₂ composite. Journal of Physics and Chemistry of Solids, 2009, 70, 1374-1377.	1.9	14

#	ARTICLE	IF	CITATIONS
433	Growth and optical properties of ZnO microwells by chemical vapor deposition method. <i>Physica B: Condensed Matter</i> , 2009, 404, 315-319.	1.3	4
434	The structure and photoluminescence properties of ZnO nanobelts prepared by a thermal evaporation process. <i>Journal of Luminescence</i> , 2009, 129, 340-343.	1.5	29
435	Electrospinning preparation, characterization and photocatalytic properties of Bi ₂ O ₃ nanofibers. <i>Journal of Colloid and Interface Science</i> , 2009, 333, 242-248.	5.0	183
436	Synthesis of Fe ₃ O ₄ /CNTs magnetic nanocomposites at the liquid-liquid interface using oleate as surfactant and reactant. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 408-412.	1.0	70
437	Photocatalytic and photoelectrochemical studies on N-doped TiO ₂ photocatalyst. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 202, 39-47.	2.0	60
438	Heterostructured ZnO/Au Nanoparticles-Based Resonant Raman Scattering for Protein Detection. <i>Journal of Physical Chemistry B</i> , 2009, 113, 1468-1472.	1.2	57
439	ZnO Hollow Nanofibers: Fabrication from Facile Single Capillary Electrospinning and Applications in Gas Sensors. <i>Journal of Physical Chemistry C</i> , 2009, 113, 19397-19403.	1.5	189
440	Size-Controlled Synthesis and Optical Properties of Small-Sized ZnO Nanorods. <i>Journal of Physical Chemistry C</i> , 2009, 113, 7497-7502.	1.5	78
441	SnO ₂ Nanostructures-TiO ₂ Nanofibers Heterostructures: Controlled Fabrication and High Photocatalytic Properties. <i>Inorganic Chemistry</i> , 2009, 48, 7261-7268.	1.9	311
442	Bioinspired Preparation of Ultrathin SiO ₂ Shell on ZnO Nanowire Array for Ultraviolet-Durable Superhydrophobicity. <i>Langmuir</i> , 2009, 25, 13619-13624.	1.6	53
443	Water-Dichloromethane Interface Controlled Synthesis of Hierarchical Rutile TiO ₂ Superstructures and Their Photocatalytic Properties. <i>Inorganic Chemistry</i> , 2009, 48, 1105-1113.	1.9	92
444	Pulsed laser deposition of high Mg-content MgZnO films: Effects of substrate temperature and oxygen pressure. <i>Journal of Applied Physics</i> , 2009, 106, .	1.1	33
445	A new approach to white light emitting diodes of p-GaN/i-ZnO/n-ZnO heterojunctions. <i>Applied Physics B: Lasers and Optics</i> , 2008, 92, 185-188.	1.1	23
446	Local microstructure and photoluminescence of Er-doped 12CaO·7Al ₂ O ₃ powder. <i>Journal of Rare Earths</i> , 2008, 26, 433-438.	2.5	15
447	The synthesis and optical properties of the heterostructured ZnO/Au nanocomposites. <i>Journal of Colloid and Interface Science</i> , 2008, 326, 392-395.	5.0	57
448	Biocompatible ZnO/Au Nanocomposites for Ultrasensitive DNA Detection Using Resonance Raman Scattering. <i>Journal of Physical Chemistry B</i> , 2008, 112, 6484-6489.	1.2	104
449	Synthesis and characterization of Sb/CNT and Bi/CNT composites as anode materials for lithium-ion batteries. <i>Materials Letters</i> , 2008, 62, 2092-2095.	1.3	46
450	Heterostructures of ZnO Microrods Coated with Iron Oxide Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2008, 112, 15980-15984.	1.5	24

#	ARTICLE	IF	CITATIONS
451	Stability of p-type conductivity in nitrogen-doped ZnO thin film. Applied Physics Letters, 2008, 92, .	1.5	47
452	Excitonic electroluminescence from ZnO-based heterojunction light emitting diodes. Journal Physics D: Applied Physics, 2008, 41, 155103.	1.3	34
453	Photoluminescence properties of highly dispersed ZnO quantum dots in polyvinylpyrrolidone nanotubes prepared by a single capillary electrospinning. Journal of Chemical Physics, 2008, 129, 114708.	1.2	23
454	Photocatalytic properties BiOCl and Bi ₂ O ₃ nanofibers prepared by electrospinning. Scripta Materialia, 2008, 59, 332-335.	2.6	246
455	Visible and ultraviolet light alternative photodetector based on ZnO nanowire/n-Si heterojunction. Applied Physics Letters, 2008, 93, .	1.5	130
456	Preparation and Visible Emission of Er-Doped 12CaO·7Al ₂ O ₃ Powder. Journal of Nanoscience and Nanotechnology, 2008, 8, 1458-1463.	0.9	10
457	Photoluminescence of ZnO Nanocrystals Embedded in BaF ₂ Matrices by Magnetron Sputtering. Journal of Nanoscience and Nanotechnology, 2008, 8, 1160-1164.	0.9	9
458	Growth and Optical Properties of ZnO Low-Dimensional Nanostructures. Journal of Nanoscience and Nanotechnology, 2008, 8, 1101-1109.	0.9	2
459	Room temperature excitonic spontaneous and stimulated emission properties in ZnO/MgZnO multiple quantum wells grown on sapphire substrate. Journal Physics D: Applied Physics, 2007, 40, 6541-6544.	1.3	15
460	Nitrogen-related recombination mechanisms in p-type ZnO films grown by plasma-assisted molecular beam epitaxy. Journal of Applied Physics, 2007, 102, .	1.1	59
461	Intense luminescence of amorphous Eu ₂ O ₃ prepared by aqueous sol-gel method. Journal of Non-Crystalline Solids, 2007, 353, 1037-1040.	1.5	9
462	Optical properties of ZnO nanocrystals embedded in BaF ₂ film fabricated by magnetron sputtering. Journal Physics D: Applied Physics, 2007, 40, 5598-5601.	1.3	5
463	A Simple Method for Controllable Preparation of Polymer Nanotubes via a Single Capillary Electrospinning. Langmuir, 2007, 23, 10920-10923.	1.6	86
464	Photoswitches and Phototransistors from Organic Single-Crystalline Submicron/nanometer Ribbons. Advanced Materials, 2007, 19, 2624-2628.	11.1	262
465	An Ultra Closely Stacked Organic Semiconductor for High Performance Field-Effect Transistors. Advanced Materials, 2007, 19, 2613-2617.	11.1	247
466	Photoluminescence of polyethylene oxide-ZnO composite electrospun fibers. Polymer, 2007, 48, 1459-1463.	1.8	89
467	Electrospun nanofibers of poly(ethylene oxide)/teraamino-phthalocyanine copper(II) hybrids and its photoluminescence properties. Journal of Physics and Chemistry of Solids, 2007, 68, 2337-2340.	1.9	30
468	Optical property of hexagonal nanocrystalline zno film on Si substrate prepared by plasma-enhanced CVD. Journal of Luminescence, 2007, 122-123, 822-824.	1.5	5

#	ARTICLE	IF	CITATIONS
469	Growth and optical properties of ZnO nanostructures by vapor transport process. <i>Materials Chemistry and Physics</i> , 2007, 103, 190-194.	2.0	11
470	Synthesis and luminescence properties of Eu ³⁺ -doped ZnO nanocrystals by a hydrothermal process. <i>Materials Chemistry and Physics</i> , 2007, 106, 305-309.	2.0	74
471	Growth and optical properties of ZnO nanorods by introducing ZnO sols prior to hydrothermal process. <i>Materials Letters</i> , 2007, 61, 3578-3581.	1.3	19
472	Structural and optical properties of GaAs quantum dots formed in SiO ₂ matrix. <i>Materials Letters</i> , 2007, 61, 2875-2878.	1.3	0
473	Enhanced Raman Scattering of ZnO Quantum Dots on Silver Colloids. <i>Journal of Physical Chemistry C</i> , 2007, 111, 3290-3293.	1.5	118
474	Fabrication of Cr ₂ O ₃ /Al ₂ O ₃ composite nanofibers by electrospinning. <i>Journal of Materials Science</i> , 2007, 42, 8470-8472.	1.7	30
475	Structural, optical, and magnetic properties of Mn-doped ZnO thin film. <i>Journal of Chemical Physics</i> , 2006, 124, 074707.	1.2	84
476	Growth of ZnO Nanostructures with Different Morphologies by Using Hydrothermal Technique. <i>Journal of Physical Chemistry B</i> , 2006, 110, 20263-20267.	1.2	207
477	Electrical transport properties in nitrogen-doped p-type ZnO thin film. <i>Semiconductor Science and Technology</i> , 2006, 21, 1522-1526.	1.0	20
478	Growth and Optical Properties of Faceted Hexagonal ZnO Nanotubes. <i>Journal of Physical Chemistry B</i> , 2006, 110, 14714-14718.	1.2	123
479	Photoluminescence of Mg _x Zn _{1-x} O films grown on a sapphire substrate by a MOCVD technique. <i>Physica Status Solidi C: Current Topics in Solid State Physics</i> , 2006, 3, 3508-3511.	0.8	2
480	Structural and photoluminescent properties of ZnO hexagonal nanoprisms synthesized by microemulsion with polyvinyl pyrrolidone served as surfactant and passivant. <i>Chemical Physics Letters</i> , 2006, 424, 340-344.	1.2	86
481	Nanofibers and nanoplatelets of MoO ₃ via an electrospinning technique. <i>Journal of Physics and Chemistry of Solids</i> , 2006, 67, 1869-1872.	1.9	42
482	Growth mechanism of ZnO nanocrystals with Zn-rich from dots to rods. <i>Journal of Colloid and Interface Science</i> , 2006, 298, 172-176.	5.0	13
483	Photoluminescence and Raman behaviors of ZnO nanostructures with different morphologies. <i>Journal of Crystal Growth</i> , 2006, 289, 55-58.	0.7	85
484	ZnO hexagonal prisms grown onto p-Si (111) substrate from poly (vinylpyrrolidone) assisted electrochemical assembly. <i>Journal of Crystal Growth</i> , 2006, 290, 405-409.	0.7	23
485	Temperature-enhanced ultraviolet emission in ZnO thin film. <i>Journal of Luminescence</i> , 2006, 119-120, 242-247.	1.5	9
486	MgO nanofibres via an electrospinning technique. <i>Journal of Materials Science</i> , 2006, 41, 3821-3824.	1.7	47

#	ARTICLE	IF	CITATIONS
487	Structural, optical and photoelectric properties of ZnO:In and Mg _x Zn _{1-x} O nanofilms prepared by sol-gel method. Journal of Sol-Gel Science and Technology, 2006, 39, 57-62.	1.1	10
488	Photoelectric properties of ZnO: In nanorods/SiO ₂ /Si heterostructure assembled in aqueous solution. Applied Physics B: Lasers and Optics, 2006, 84, 507-510.	1.1	6
489	Preparation of LiCoO ₂ nanofibers by electrospinning technique. Journal of Physics and Chemistry of Solids, 2006, 67, 1423-1426.	1.9	38
490	Low Threshold Voltage Transistors Based on Individual Single-Crystalline Submicrometer-Sized Ribbons of Copper Phthalocyanine. Advanced Materials, 2006, 18, 65-68.	11.1	252
491	In-situ Patterning of Organic Single-Crystalline Nanoribbons on a SiO ₂ Surface for the Fabrication of Various Architectures and High-Quality Transistors. Advanced Materials, 2006, 18, 3010-3014.	11.1	120
492	Room-temperature ferromagnetism in (Mn, N)-codoped ZnO thin films prepared by reactive magnetron cosputtering. Applied Physics Letters, 2006, 88, 242502.	1.5	116
493	Photoluminescence study of ZnO nanotubes under hydrostatic pressure. Applied Physics Letters, 2006, 88, 133127.	1.5	34
494	Structural and optical properties of ZnO nanotower bundles. Applied Physics Letters, 2006, 88, 123111.	1.5	77
495	Photoluminescence of wurtzite ZnO under hydrostatic pressure. Journal of Applied Physics, 2006, 99, 066102.	1.1	20
496	Effects of thermal annealing on the structural and optical properties of Mg _x Zn _{1-x} O nanocrystals. Journal of Colloid and Interface Science, 2005, 283, 513-517.	5.0	29
497	Preparation of ZnO colloids by aggregation of the nanocrystal subunits. Journal of Colloid and Interface Science, 2005, 283, 380-384.	5.0	55
498	Nanofibers of LiMn ₂ O ₄ by electrospinning. Journal of Colloid and Interface Science, 2005, 285, 163-166.	5.0	43
499	Raman and photoluminescence studies on nanocrystalline ZnO grown on GaInPAs substrates. Journal of Crystal Growth, 2005, 285, 24-30.	0.7	10
500	Structure and photoluminescence of Mn-passivated nanocrystalline ZnO:S thin films. Physica B: Condensed Matter, 2005, 367, 223-228.	1.3	1
501	Real-time holographic gratings recorded by He-Ne laser in polymer films containing spirooxazine compounds pre-irradiated by UV light. Optical Materials, 2005, 27, 1567-1570.	1.7	11
502	Photo-dynamics of polarization holographic recording in spirooxazine-doped polymer films. Materials Letters, 2005, 59, 1449-1452.	1.3	8
503	Structural and Optical Properties of Uniform ZnO Nanosheets. Advanced Materials, 2005, 17, 586-590.	11.1	313
504	A novel method for measuring distribution of orientation of one-dimensional ZnO using resonance Raman spectroscopy. Journal of Raman Spectroscopy, 2005, 36, 1101-1105.	1.2	16

#	ARTICLE	IF	CITATIONS
505	Ultraviolet electroluminescence from p-GaN/i-ZnO/n-ZnO heterojunction light-emitting diodes. <i>Applied Physics B: Lasers and Optics</i> , 2005, 80, 871-874.	1.1	76
506	The effect of surface properties on visible luminescence of nanosized colloidal ZnO membranes. <i>Journal of Colloid and Interface Science</i> , 2005, 282, 403-407.	5.0	22
507	The structure and character of CdSe nanocrystals capped ZnO layer for phase transfer from hexane to ethanol solution. <i>Surface Science</i> , 2005, 582, 61-68.	0.8	22
508	Nanofibers of CeO ₂ via an electrospinning technique. <i>Thin Solid Films</i> , 2005, 478, 228-231.	0.8	86
509	Structure and Photoluminescence of Nano-ZnO Films Grown on a Si (100) Substrate by Oxygen- and Argon-Plasma-Assisted Thermal Evaporation of Metallic Zn. <i>Chinese Physics Letters</i> , 2005, 22, 998-1001.	1.3	16
510	Preparation and characterization of ZnO particles embedded in SiO ₂ matrix by reactive magnetron sputtering. <i>Journal of Applied Physics</i> , 2005, 97, 103509.	1.1	63
511	Pressure-dependent photoluminescence of ZnO nanosheets. <i>Journal of Applied Physics</i> , 2005, 98, 106106.	1.1	27
512	The structural and optical properties of Cu ₂ O films electrodeposited on different substrates. <i>Semiconductor Science and Technology</i> , 2005, 20, 44-49.	1.0	96
513	The optical properties of ZnO hexagonal prisms grown from poly (vinylpyrrolidone)-assisted electrochemical assembly onto Si (111) substrate. <i>Journal of Chemical Physics</i> , 2005, 122, 174703.	1.2	24
514	F-doping effects on electrical and optical properties of ZnO nanocrystalline films. <i>Applied Physics Letters</i> , 2005, 86, 123107.	1.5	156
515	White-light emission of polyvinyl alcohol/ZnO hybrid nanofibers prepared by electrospinning. <i>Applied Physics Letters</i> , 2005, 87, 113115.	1.5	205
516	Optical properties of ZnO and ZnO:In nanorods assembled by sol-gel method. <i>Journal of Chemical Physics</i> , 2005, 123, 134701.	1.2	194
517	Formation and luminescence of ZnO nanoparticles embedded in MgO films. <i>Physical Review B</i> , 2005, 71, .	1.1	28
518	Structural properties and photoluminescence of ZnO nanowalls prepared by two-step growth with oxygen-plasma-assisted molecular beam epitaxy. <i>Journal of Physics Condensed Matter</i> , 2005, 17, 3035-3042.	0.7	33
519	Electrical and structural properties of p-type ZnO:N thin films prepared by plasma enhanced chemical vapour deposition. <i>Semiconductor Science and Technology</i> , 2005, 20, 796-800.	1.0	65
520	A Thermally Activated Exciton-Exciton Collision Process in ZnO Microrods. <i>Chinese Physics Letters</i> , 2004, 21, 1640-1643.	1.3	1
521	Photoluminescence of F-passivated ZnO nanocrystalline films made from thermally oxidized ZnF ₂ films. <i>Journal of Physics Condensed Matter</i> , 2004, 16, 5143-5150.	0.7	28
522	The photoluminescence properties of ZnO:N films fabricated by thermally oxidizing Zn ₃ N ₂ films using plasma-assisted metal-organic chemical vapour deposition. <i>Journal of Physics Condensed Matter</i> , 2004, 16, 4635-4642.	0.7	63

#	ARTICLE	IF	CITATIONS
523	Excitonic properties of ZnO nanocrystalline films prepared by oxidation of zinc-implanted silica. Journal Physics D: Applied Physics, 2004, 37, 3025-3029.	1.3	45
524	Effects of annealing on structural, optical and electrical properties of Al-doped ZnO thin films. Science in China Series G: Physics, Mechanics and Astronomy, 2004, 47, 588.	0.2	5
525	The Optical Properties of ZnO Nanoparticles Capped with Polyvinyl Butyral. Journal of Sol-Gel Science and Technology, 2004, 30, 157-161.	1.1	74
526	A novel method for making ZrO ₂ nanofibres via an electrospinning technique. Journal of Crystal Growth, 2004, 267, 380-384.	0.7	143
527	Photo-induced birefringence and polarization holography in polymer films containing spirooxazine compounds pre-irradiated by UV light. Optics Communications, 2004, 242, 115-122.	1.0	22
528	The electrical properties and the interfaces of Cu ₂ O/ZnO/ITO p-n heterojunction. Physica B: Condensed Matter, 2004, 351, 178-183.	1.3	91
529	Fabrication of NiCo ₂ O ₄ nanofibers by electrospinning. Solid State Communications, 2004, 131, 107-109.	0.9	96
530	Preparation of Mn ₂ O ₃ and Mn ₃ O ₄ nanofibers via an electrospinning technique. Journal of Solid State Chemistry, 2004, 177, 2628-2631.	1.4	116
531	Electrospun nanofibers of NiO/ZnO composite. Inorganic Chemistry Communication, 2004, 7, 625-627.	1.8	71
532	A control on the photoluminescence properties in P-passivated nanocrystalline ZnO films. Chemical Physics Letters, 2004, 397, 360-363.	1.2	4
533	Effects of thermal annealing on ZnO films grown by plasma enhanced chemical vapour deposition from Zn(C ₂ H ₅) ₂ and CO ₂ gas mixtures. Journal Physics D: Applied Physics, 2003, 36, 719-722.	1.3	59
534	The dependence of emission spectra of rare earth ion on the band-gap energy of Mg _x Zn _{1-x} O alloy. Journal of Crystal Growth, 2003, 249, 163-166.	0.7	10
535	Effects of RF power on properties of ZnO thin films grown on Si (001) substrate by plasma enhanced chemical vapor deposition. Journal of Crystal Growth, 2003, 249, 179-185.	0.7	62
536	Structure and photoluminescence of Mn-passivated nanocrystalline ZnO thin films. Journal of Crystal Growth, 2003, 254, 80-85.	0.7	125
537	Holographic grating recorded by He-Ne laser operating at 632.8 nm in polymer film containing push-pull azo dye. Optics Communications, 2003, 220, 289-295.	1.0	8
538	Photochromism and holographic recording in polymer film containing chiral azo molecules derived from amino acid. Optical Materials, 2003, 22, 187-192.	1.7	16
539	Effects of thermal treatment on the properties of ZnO films deposited on MgO-buffered Si substrates. Journal of Crystal Growth, 2003, 254, 86-91.	0.7	18
540	Photoluminescence properties of ZnO films grown on InP by thermally oxidizing metallic Zn films. Journal of Physics Condensed Matter, 2003, 15, 1975-1981.	0.7	6

#	ARTICLE	IF	CITATIONS
541	The optical properties of ZnO films grown on porous Si templates. Journal Physics D: Applied Physics, 2003, 36, 2705-2708.	1.3	61
542	Structure and photoluminescence properties of ZnO microrods. Journal of Applied Physics, 2003, 94, 5605-5608.	1.1	29
543	Production, structure, and optical properties of ZnO nanocrystals embedded in CaF ₂ matrix. Applied Physics Letters, 2003, 83, 1210-1212.	1.5	46
544	Optical properties and electrical characterization of <i>n</i> -type ZnO thin films prepared by thermally oxidizing Zn ₃ N ₂ thin films. Journal of Materials Research, 2003, 18, 8-13.	1.2	92
545	Blue Cathodoluminescence from Highly Er-Doped ZnO Thin Films Induced by the Phonon Bottleneck Effect. Chinese Physics Letters, 2003, 20, 401-403.	1.3	0
546	Growth of stoichiometric (002) ZnO thin films on Si (001) substrate by using plasma enhanced chemical vapor deposition. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2002, 20, 1779-1783.	0.9	9
547	Growth of high quality ZnO thin films at low temperature on Si(100) substrates by plasma enhanced chemical vapor deposition. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2002, 20, 265-269.	0.9	20
548	Photoluminescence and Optically Pumped Ultraviolet Lasing from Nanocrystalline ZnO Thin Films Prepared by Thermal Oxidation of High-Quality ZnS Thin Films. Chinese Physics Letters, 2002, 19, 127-130.	1.3	14
549	Structure and optically pumped lasing from nanocrystalline ZnO thin films prepared by thermal oxidation of ZnS thin films. Journal of Applied Physics, 2002, 92, 3293-3298.	1.1	92
550	High quality ZnO thin films grown by plasma enhanced chemical vapor deposition. Journal of Applied Physics, 2002, 91, 501.	1.1	90
551	Structural and optical properties of nanocrystalline ZnO films grown by cathodic electrodeposition on Si substrates. Physica B: Condensed Matter, 2002, 322, 31-36.	1.3	39
552	Effect of the growth temperature on ZnO thin films grown by plasma enhanced chemical vapor deposition. Thin Solid Films, 2002, 414, 170-174.	0.8	29
553	Preferred orientation of ZnO nanoparticles formed by post-thermal annealing zinc implanted silica. Solid State Communications, 2002, 121, 531-536.	0.9	43
554	Temperature dependence of excitonic luminescence from nanocrystalline ZnO films. Journal of Luminescence, 2002, 99, 149-154.	1.5	93
555	Room-temperature blue luminescence from ZnO:Er thin films. Thin Solid Films, 2002, 413, 257-261.	0.8	53
556	Structural and optical properties of Mg _x Zn _{1-x} O thin films prepared by the sol-gel method. Journal of Crystal Growth, 2002, 234, 427-430.	0.7	36
557	The structure and photoluminescence of ZnO films prepared by post-thermal annealing zinc-implanted silica. Journal of Crystal Growth, 2002, 240, 152-156.	0.7	42
558	High intense UV-luminescence of nanocrystalline ZnO thin films prepared by thermal oxidation of ZnS thin films. Journal of Crystal Growth, 2002, 240, 463-466.	0.7	31

#	ARTICLE	IF	CITATIONS
559	High-quality ZnO thin films prepared by two-step thermal oxidation of the metallic Zn. Journal of Crystal Growth, 2002, 240, 467-472.	0.7	84
560	The photoluminescence of ZnO thin films grown on Si (100) substrate by plasma-enhanced chemical vapor deposition. Journal of Crystal Growth, 2002, 240, 479-483.	0.7	41
561	Title is missing!. Journal of Sol-Gel Science and Technology, 2002, 23, 231-234.	1.1	12
562	Resonant Raman scattering and photoluminescence from high-quality nanocrystalline ZnO thin films prepared by thermal oxidation of ZnS thin films. Journal Physics D: Applied Physics, 2001, 34, 3430-3433.	1.3	68
563	Growth of ultrathin SiO ₂ on Si by surface irradiation with an O ₂ +Ar electron cyclotron resonance microwave plasma at low temperatures. Journal of Applied Physics, 1999, 85, 1911-1915.	1.1	30
564	Compositional and structural studies of amorphous silicon-nitrogen alloys deposited at room temperature using a sputtering-type electron cyclotron resonance microwave plasma. The Philosophical Magazine: Physics of Condensed Matter B, Statistical Mechanics, Electronic, Optical and Magnetic Properties, 1999, 79, 137-148.	0.6	5
565	In situ FT-IR reflective absorption spectroscopy for characterization of SiO ₂ thin films deposited using sputtering-type electron cyclotron resonance microwave plasma. Applied Surface Science, 1997, 121-122, 228-232.	3.1	9
566	The effect of nitrogen on the microstructure and the luminescence properties of a-C:H thin films. Solid State Communications, 1996, 100, 597-602.	0.9	21
567	Multiple-hologram storage for thin layers of Methyl Orange dyes in polyvinyl alcohol matrices. Optics Letters, 1995, 20, 1495.	1.7	12