

Lili Wang

List of Publications by Year in descending order

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139
papers

10,305
citations

20759

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35952

97
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143
all docs

143
docs citations

143
times ranked

9784
citing authors

#	ARTICLE	IF	CITATIONS
1	Wearable Sweat Loss Measuring Devices: From the Role of Sweat Loss to Advanced Mechanisms and Designs. <i>Advanced Science</i> , 2022, 9, e2103257.	5.6	69
2	MXene-Bonded hollow MoS ₂ /Carbon sphere strategy for high-performance flexible sodium ion storage. <i>Chemical Engineering Journal</i> , 2022, 430, 132755.	6.6	49
3	Self-assembled Cobalt-doped NiMn-layered double hydroxide (LDH)/V ₂ CT MXene hybrids for advanced aqueous electrochemical energy storage properties. <i>Chemical Engineering Journal</i> , 2022, 430, 132992.	6.6	53
4	MXene quantum dot within natural 3D watermelon peel matrix for biocompatible flexible sensing platform. <i>Nano Research</i> , 2022, 15, 3653-3659.	5.8	51
5	Sweat-Permeable, Biodegradable, Transparent and Self-powered Chitosan-Based Electronic Skin with Ultrathin Elastic Gold Nanofibers. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	80
6	All-Flexible Artificial Reflex Arc Based on Threshold-Switching Memristor. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	30
7	MXene/ZIF-67/PAN Nanofiber Film for Ultra-sensitive Pressure Sensors. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 12367-12374.	4.0	38
8	Ultrafine Sb ₂ S ₃ @carbon-nanofibers for fast and stable sodium storage. <i>Electrochimica Acta</i> , 2022, 411, 140067.	2.6	16
9	Tissue-Like Sodium Alginate-Coated 2D MXene-Based Flexible Temperature Sensors for Full-Range Temperature Monitoring. <i>Advanced Materials Technologies</i> , 2022, 7, .	3.0	9
10	Chemically Modified Silk Fibroin Hydrogel for Environment-stable Electronic Skin. <i>Sensors and Actuators Reports</i> , 2022, 4, 100089.	2.3	9
11	Hierarchical MXene@ZIF-67 Film Based High Performance Tactile Sensor with Large Sensing Range from Motion Monitoring to Sound Wave Detection. <i>Advanced Materials Technologies</i> , 2022, 7, .	3.0	14
12	Anchored SnS nanorods based on a carbon-enhanced Nb ₂ CT _x three-dimensional nanoflower framework achieve stable, high capacity Na-ion storage. <i>Applied Surface Science</i> , 2022, 597, 153598.	3.1	7
13	Biocompatible liquid metal coated stretchable electrospinning film for strain sensors monitoring system. <i>Science China Materials</i> , 2022, 65, 2235-2243.	3.5	14
14	TiVCT _x MXene/Chalcogenide Heterostructure-Based High-Performance Magnesium-Ion Battery as Flexible Integrated Units. <i>Small</i> , 2022, 18, .	5.2	44
15	A Flexible Humidity Sensor Based on Natural Biocompatible Silk Fibroin Films. <i>Advanced Materials Technologies</i> , 2021, 6, .	3.0	39
16	Controlled Assembly of MXene Nanosheets as an Electrode and Active Layer for High-Performance Electronic Skin. <i>Advanced Functional Materials</i> , 2021, 31, 2010533.	7.8	143
17	Carbon-Reinforced Nb ₂ CT _x MXene/MoS ₂ Nanosheets as a Superior Rate and High-Capacity Anode for Sodium-Ion Batteries. <i>ACS Nano</i> , 2021, 15, 7439-7450.	7.3	203
18	Flexible Self-Powered Integrated Sensing System with 3D Periodic Ordered Black Phosphorus@MXene Thin-Films. <i>Advanced Materials</i> , 2021, 33, e2007890.	11.1	127

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19	Biocompatible MXene/Chitosan-Based Flexible Bimodal Devices for Real-Time Pulse and Respiratory Rate Monitoring. , 2021, 3, 921-929.		36
20	Artificial Optoelectronic Synapses Based on TiN_x/i>O₂â€“</sub><i>x</i>/MoS₂ Heterojunction for Neuromorphic Computing and Visual System. Advanced Functional Materials, 2021, 31, 2101201.	7.8	92
21	Wearable, Implantable, and Interventional Medical Devices Based on Smart Electronic Skins. Advanced Materials Technologies, 2021, 6, 2100107.	3.0	81
22	The 1S0 â†’ 3P1 transition position shift of Bi3+ ion doped Ln2O3 (Ln = Lu, Gd, La) phosphors. Journal of Luminescence, 2021, 234, 117971.	1.5	4
23	Nearâ€“Infrared Light Triggered Selfâ€“Powered Mechanoâ€“Optical Communication System using Wearable Photodetector Textile. Advanced Functional Materials, 2021, 31, 2104782.	7.8	74
24	Highly-stable polymer-crosslinked 2D MXene-based flexible biocompatible electronic skins for in vivo biomonitoring. Nano Energy, 2021, 84, 105921.	8.2	104
25	Microâ€“Nano Processing of Active Layers in Flexible Tactile Sensors via Template Methods: A Review. Small, 2021, 17, e2100804.	5.2	82
26	Oxidized Ti₃C₂T_x film-based high-performance flexible pressure sensors. Journal Physics D: Applied Physics, 2021, 54, 384002.	1.3	3
27	Ti₃C₂T_x MXene Conductive Layers Supported Bioâ€“Derived Fe_x/i>Se_x/i>/MXene/Carbonaceous Nanoribbons for Highâ€“Performance Half/Full Sodiumâ€“Ion and Potassiumâ€“Ion Batteries. Advanced Materials, 2021, 33, e2101535.	11.1	128
28	Assembling Co3O4 Nanoparticles into MXene with Enhanced electrochemical performance for advanced asymmetric supercapacitors. Journal of Colloid and Interface Science, 2021, 599, 109-118.	5.0	72
29	Microbe-Assisted Assembly of Ti₃C₂T_x MXene on Fungi-Derived Nanoribbon Heterostructures for Ultrastable Sodium and Potassium Ion Storage. ACS Nano, 2021, 15, 3423-3433.	7.3	158
30	A perspective on flexible sensors in developing diagnostic devices. Applied Physics Letters, 2021, 119, .	1.5	23
31	Assessment of Occlusal Force and Local Gas Release Using Degradable Bacterial Cellulose/Ti₃C₂T_x MXene Bioaerogel for Oral Healthcare. ACS Nano, 2021, 15, 18385-18393.	7.3	65
32	Reviews of wearable healthcare systems: Materials, devices and system integration. Materials Science and Engineering Reports, 2020, 140, 100523.	14.8	215
33	Hydrophobic to superhydrophilic tuning of multifunctional sporopollenin for microcapsule and bio-composite applications. Applied Materials Today, 2020, 18, 100525.	2.3	12
34	Ultravioletâ€“Assisted Construction of Nitrogenâ€“Rich Ag@Ti₃C₂T_x MXene for Highly Efficient Hydrogen Evolution Electrocatalysis and Supercapacitor. Advanced Materials Interfaces, 2020, 7, 2001449.	1.9	31
35	Biomimetic, biocompatible and robust silk Fibroin-MXene film with stable 3D cross-link structure for flexible pressure sensors. Nano Energy, 2020, 78, 105252.	8.2	153
36	2D Nanomaterials with Hierarchical Architecture for Flexible Sensor Application. ACS Symposium Series, 2020, , 93-116.	0.5	5

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37	Highly Stable Cross-Linked Cationic Polyacrylamide/Ti ₃ C ₂ T _x /MXene Nanocomposites for Flexible Ammonia Recognition Devices. <i>Advanced Materials Technologies</i> , 2020, 5, 2000248.	3.0	56
38	Enhanced red emission in Yb ³⁺ /Ho ³⁺ /Cr ³⁺ tridoped K ₂ ErF ₅ microcrystal. <i>Journal of Luminescence</i> , 2020, 225, 117366.	1.5	0
39	Nanofiber/nanowires-based flexible and stretchable sensors. <i>Journal of Semiconductors</i> , 2020, 41, 041605.	2.0	64
40	An Integrated Flexible All-Nanowire Infrared Sensing System with Record Photosensitivity. <i>Advanced Materials</i> , 2020, 32, e1908419.	11.1	56
41	Infrared Imaging Sensors: An Integrated Flexible All-Nanowire Infrared Sensing System with Record Photosensitivity (<i>Adv. Mater.</i> 16/2020). <i>Advanced Materials</i> , 2020, 32, 2070126.	11.1	0
42	3D Chemical Cross-Linking Structure of Black Phosphorus@CNTs Hybrid as a Promising Anode Material for Lithium Ion Batteries. <i>Advanced Functional Materials</i> , 2020, 30, 1909372.	7.8	92
43	Biocompatible and Biodegradable Functional Polysaccharides for Flexible Humidity Sensors. <i>Research</i> , 2020, 2020, 8716847.	2.8	46
44	Bio-Multifunctional Smart Wearable Sensors for Medical Devices. <i>Advanced Intelligent Systems</i> , 2019, 1, 1900040.	3.3	115
45	High-performance flexible sensing devices based on polyaniline/MXene nanocomposites. <i>Informa Materials</i> , 2019, 1, 407-416.	8.5	310
46	The position shifting of charge transfer band in Eu ³⁺ -doped Re ₂ O ₃ phosphors. <i>Chemical Physics Letters</i> , 2019, 731, 136611.	1.2	5
47	Bioinspired Interlocked Structure-Induced High Deformability for Two-Dimensional Titanium Carbide (MXene)/Natural Microcapsule-Based Flexible Pressure Sensors. <i>ACS Nano</i> , 2019, 13, 9139-9147.	7.3	308
48	Printable Ta Substrate with High Stability and Enhanced Interface Adhesion for Flexible Supercapacitor Performance Improvement. <i>Advanced Materials Technologies</i> , 2019, 4, 1900338.	3.0	5
49	Self-assembled CdS quantum dots in carbon nanotubes: induced polysulfide trapping and redox kinetics enhancement for improved lithium-sulfur battery performance. <i>Journal of Materials Chemistry A</i> , 2019, 7, 806-815.	5.2	72
50	Gas Sensors: Grain-Boundary-Induced Drastic Sensing Performance Enhancement of Polycrystalline Microwire Printed Gas Sensors (<i>Adv. Mater.</i> 4/2019). <i>Advanced Materials</i> , 2019, 31, 1970028.	11.1	6
51	Metal Sulfides@Carbon Microfiber Networks for Boosting Lithium Ion/Sodium Ion Storage via a General Metal-Aspergillus niger Bioleaching Strategy. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 8072-8080.	4.0	58
52	Enhanced down-conversion luminescence properties of CaSc ₂ O ₄ : Eu ³⁺ crystals. <i>Journal of Luminescence</i> , 2019, 214, 116526.	1.5	1
53	High energy density supercapacitor based on N/B co-doped graphene nanoarchitectures and ionic liquid electrolyte. <i>Ionics</i> , 2019, 25, 4351-4360.	1.2	9
54	Programmable three-dimensional advanced materials based on nanostructures as building blocks for flexible sensors. <i>Nano Today</i> , 2019, 26, 176-198.	6.2	60

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55	1D/2D heterostructure nanofiber flexible sensing device with efficient gas detectivity. Applied Surface Science, 2019, 479, 209-215.	3.1	28
56	Grainâ€Boundaryâ€Induced Drastic Sensing Performance Enhancement of Polycrystallineâ€Microwire Printed Gas Sensors. Advanced Materials, 2019, 31, e1804583.	11.1	110
57	Double-color luminescence and magnetic characteristics in Fe³⁺ doped NaErF₄ microcrystals. Optical Materials Express, 2019, 9, 3379.	1.6	4
58	Lightâ€Induced Surface Modification of Natural Plant Microparticles: Toward Colloidal Science and Cellular Adhesion Applications. Advanced Functional Materials, 2018, 28, 1707568.	7.8	20
59	High-selective sensitive NH ₃ gas sensor: A density functional theory study. Sensors and Actuators B: Chemical, 2018, 263, 502-507.	4.0	43
60	Carbon materials-functionalized tin dioxide nanoparticles toward robust, high-performance nitrogen dioxide gas sensor. Journal of Colloid and Interface Science, 2018, 524, 76-83.	5.0	27
61	Constructing Hierarchical Heterostructured Mn₃O₄/Zn₂SnO₄ Materials for Efficient Gas Sensing Reaction. Advanced Materials Interfaces, 2018, 5, 1800115.	1.9	42
62	Vitrimer Elastomerâ€Based Jigsaw Puzzleâ€Like Healable Triboelectric Nanogenerator for Selfâ€Powered Wearable Electronics. Advanced Materials, 2018, 30, e1705918.	11.1	265
63	Metalâ€Organic Frameworks-Derived Hierarchical Co₃O₄ Structures as Efficient Sensing Materials for Acetone Detection. ACS Applied Materials & Interfaces, 2018, 10, 9765-9773.	4.0	215
64	Functionalized Natural Particles: Lightâ€Induced Surface Modification of Natural Plant Microparticles: Toward Colloidal Science and Cellular Adhesion Applications (Adv. Funct. Mater. 18/2018). Advanced Functional Materials, 2018, 28, 1870120.	7.8	0
65	Structure-driven efficient NiFe ₂ O ₄ materials for ultra-fast response electronic sensing platform. Sensors and Actuators B: Chemical, 2018, 255, 1436-1444.	4.0	65
66	Rapid sensitive sensing platform based on yolk-shell hybrid hollow sphere for detection of ethanol. Sensors and Actuators B: Chemical, 2018, 256, 479-487.	4.0	40
67	Highly sensitive hybrid nanofiber-based room-temperature CO sensors: Experiments and density functional theory simulations. Nano Research, 2018, 11, 1029-1037.	5.8	44
68	Constructing pâ€n heterostructures for efficient structureâ€driven ethanol sensing performance. Sensors and Actuators B: Chemical, 2018, 255, 745-753.	4.0	34
69	Recent Advances in Smart Wearable Sensing Systems. Advanced Materials Technologies, 2018, 3, 1800444.	3.0	128
70	Highly Active Coâ€Based Catalyst in Nanofiber Matrix as Advanced Sensing Layer for High Selectivity of Flexible Sensing Device. Advanced Materials Technologies, 2018, 4, 1800521.	3.0	20
71	Plantâ€Based Modular Building Blocks for â€Greenâ€Electronic Skins. Advanced Functional Materials, 2018, 28, 1804510.	7.8	97
72	Terminal sliding mode control for full vehicle active suspension systems. Journal of Mechanical Science and Technology, 2018, 32, 2851-2866.	0.7	35

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73	Highly sensitive sensing platform based on ZnSnO ₃ hollow cubes for detection of ethanol. Applied Surface Science, 2017, 400, 262-268.	3.1	60
74	Ultraviolet upconversion emission of Pb ²⁺ ions sensitized by Yb ³⁺ -trimers in CaF ₂ . RSC Advances, 2017, 7, 2676-2681.	1.7	17
75	High-performance, flexible electronic skin sensor incorporating natural microcapsule actuators. Nano Energy, 2017, 36, 38-45.	8.2	160
76	Ultrasensitive and ultraflexible e-skins with dual functionalities for wearable electronics. Nano Energy, 2017, 38, 28-35.	8.2	194
77	A flexible, ultra-sensitive chemical sensor with 3D biomimetic templating for diabetes-related acetone detection. Journal of Materials Chemistry B, 2017, 5, 4019-4024.	2.9	76
78	Impurity doping: a novel strategy for selective synthesis of YF ₃ and NaYF ₄ crystals. CrystEngComm, 2017, 19, 3215-3221.	1.3	12
79	Hollow ZnSnO ₃ Cubes with Controllable Shells Enabling Highly Efficient Chemical Sensing Detection of Formaldehyde Vapors. ACS Applied Materials & Interfaces, 2017, 9, 14525-14533.	4.0	110
80	Recent Progress of Self-Powered Sensing Systems for Wearable Electronics. Small, 2017, 13, 1701791.	5.2	223
81	New insights and perspectives into biological materials for flexible electronics. Chemical Society Reviews, 2017, 46, 6764-6815.	18.7	322
82	Ultrahigh-sensitive sensing platform based on p-type dumbbell-like Co ₃ O ₄ network. Applied Surface Science, 2017, 426, 951-956.	3.1	21
83	P-type Co ₃ O ₄ nanomaterials-based gas sensor: Preparation and acetone sensing performance. Sensors and Actuators B: Chemical, 2017, 242, 369-377.	4.0	184
84	P-type octahedral Cu ₂ O particles with exposed {111} facets and superior CO sensing properties. Sensors and Actuators B: Chemical, 2017, 239, 211-217.	4.0	83
85	Efficient luminescence enhancement of Gd ₂ O ₃ :Ln ³⁺ (Ln = Yb/Er, Eu) NCs by codoping Zn ²⁺ and Li ⁺ inert ions. Optical Materials Express, 2017, 7, 329.	1.6	32
86	Preparation of Highly Monodisperse Electroactive Pollen Biocomposites. ChemNanoMat, 2016, 2, 414-418.	1.5	6
87	Graphene-Functionalized Natural Microcapsules: Modular Building Blocks for Ultrahigh Sensitivity Bioelectronic Platforms. Advanced Functional Materials, 2016, 26, 2097-2103.	7.8	75
88	Biosensors: Flexible, Graphene-Coated Biocomposite for Highly Sensitive, Real-Time Molecular Detection (Adv. Funct. Mater. 47/2016). Advanced Functional Materials, 2016, 26, 8796-8796.	7.8	0
89	Fast and real-time acetone gas sensor using hybrid ZnFe ₂ O ₄ /ZnO hollow spheres. RSC Advances, 2016, 6, 66738-66744.	1.7	37
90	Flexible, Graphene-Coated Biocomposite for Highly Sensitive, Real-Time Molecular Detection. Advanced Functional Materials, 2016, 26, 8623-8630.	7.8	116

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91	Dynamic simulation and analysis of the elevating mechanism of a forklift based on a power bond graph. <i>Journal of Mechanical Science and Technology</i> , 2016, 30, 4043-4048.	0.7	9
92	The synthesis and fast ethanol sensing properties of core-shell SnO ₂ @ZnO composite nanospheres using carbon spheres as templates. <i>New Journal of Chemistry</i> , 2016, 40, 6796-6802.	1.4	26
93	Biosensors: Graphene-Functionalized Natural Microcapsules: Modular Building Blocks for Ultrahigh Sensitivity Bioelectronic Platforms (<i>Adv. Funct. Mater.</i> 13/2016). <i>Advanced Functional Materials</i> , 2016, 26, 2220-2220.	7.8	1
94	Hybrid Co ₃ O ₄ /SnO ₂ Core-shell Nanospheres as Real-Time Rapid-Response Sensors for Ammonia Gas. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 6539-6545.	4.0	134
95	An ultra-sensitive and rapid response speed graphene pressure sensors for electronic skin and health monitoring. <i>Nano Energy</i> , 2016, 23, 7-14.	8.2	467
96	Comparison of toluene sensing performances of zinc stannate with different morphology-based gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2016, 227, 448-455.	4.0	62
97	Concave Cu ₂ O octahedral nanoparticles as an advanced sensing material for benzene (C ₆ H ₆) and nitrogen dioxide (NO ₂) detection. <i>Sensors and Actuators B: Chemical</i> , 2016, 223, 311-317.	4.0	72
98	Ethanol Gas Detection Using a Yolk-Shell (Core-Shell) Fe ₂ O ₃ Nanospheres as Sensing Material. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 13098-13104.	4.0	170
99	NIR to VUV: Seven-Photon Upconversion Emissions from Gd ³⁺ Ions in Fluoride Nanocrystals. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 556-560.	2.1	30
100	Hierarchical structure with heterogeneous phase as high performance sensing materials for trimethylamine gas detecting. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 1224-1231.	4.0	55
101	Synthesis and luminescence properties of RE ₃₊ (RE = Yb, Er, Tm, Eu, Tb)-doped Sc ₂ O ₃ microcrystals. <i>Journal of Alloys and Compounds</i> , 2015, 653, 304-309.	2.8	20
102	Enhanced sensing performance of the Co ₃ O ₄ hierarchical nanorods to NH ₃ gas. <i>Sensors and Actuators B: Chemical</i> , 2015, 209, 449-455.	4.0	104
103	Reduced graphite oxide/SnO ₂ /Au hybrid nanomaterials for NO ₂ sensing performance at relatively low operating temperature. <i>RSC Advances</i> , 2014, 4, 57436-57441.	1.7	38
104	Design of CuO@TiO ₂ heterostructure nanofibers and their sensing performance. <i>Journal of Materials Chemistry A</i> , 2014, 2, 9030-9034.	5.2	94
105	Cross-linked p-type Co ₃ O ₄ octahedral nanoparticles in 1D n-type TiO ₂ nanofibers for high-performance sensing devices. <i>Journal of Materials Chemistry A</i> , 2014, 2, 10022.	5.2	135
106	Fast response/recovery performance of comb-like Co ₃ O ₄ nanostructure. <i>RSC Advances</i> , 2014, 4, 21115.	1.7	14
107	Fabrication of flower-like ZnO nanosheet and nanorod-assembled hierarchical structures and their enhanced performance in gas sensors. <i>New Journal of Chemistry</i> , 2014, 38, 84-89.	1.4	62
108	Nanoparticles-assembled Co ₃ O ₄ nanorods p-type nanomaterials: One-pot synthesis and toluene-sensing properties. <i>Sensors and Actuators B: Chemical</i> , 2014, 201, 1-6.	4.0	90

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109	Preparation of Au-sensitized 3D hollow SnO ₂ microspheres with an enhanced sensing performance. <i>Journal of Alloys and Compounds</i> , 2014, 586, 399-403.	2.8	32
110	Orthorhombic KSc ₂ F ₇ :Yb/Er nanorods: controlled synthesis and strong red upconversion emission. <i>Nanoscale</i> , 2013, 5, 11928.	2.8	75
111	Branch-like Hierarchical Heterostructure (Î±-Fe ₂ O ₃ /TiO ₂): A Novel Sensing Material for Trimethylamine Gas Sensor. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 12310-12316.	4.0	230
112	Facile synthesis and enhanced ethanol sensing properties of the brush-like ZnOâ€“TiO ₂ heterojunctions nanofibers. <i>Sensors and Actuators B: Chemical</i> , 2013, 184, 21-26.	4.0	92
113	Direct annealing of electrospun synthesized high-performance porous SnO ₂ hollow nanofibers for gas sensors. <i>RSC Advances</i> , 2013, 3, 9723.	1.7	30
114	Controllable and enhanced HCHO sensing performances of different-shelled ZnO hollow microspheres. <i>Sensors and Actuators B: Chemical</i> , 2013, 183, 467-473.	4.0	53
115	Toluene and ethanol sensing performances of pristine and PdO-decorated flower-like ZnO structures. <i>Sensors and Actuators B: Chemical</i> , 2013, 176, 323-329.	4.0	73
116	Encapsulated nanoreactors (Au@SnO ₂): a new sensing material for chemical sensors. <i>Nanoscale</i> , 2013, 5, 2686.	2.8	243
117	A class of hierarchical nanostructures: ZnO surface-functionalized TiO ₂ with enhanced sensing properties. <i>RSC Advances</i> , 2013, 3, 3131.	1.7	49
118	Enhanced deep-ultraviolet upconversion emission of Gd ³⁺ sensitized by Yb ³⁺ and Ho ³⁺ in Î²-NaLuF ₄ microcrystals under 980 nm excitation. <i>Journal of Materials Chemistry C</i> , 2013, 1, 2485.	2.7	72
119	Effect of alkali ions on the formation of rare earth fluoride by hydrothermal synthesis: structure tuning and size controlling. <i>CrystEngComm</i> , 2013, 15, 2897.	1.3	24
120	ACETONE SENSING PROPERTIES OF HIERARCHICAL ZnO URCHINLIKE STRUCTURES BY HYDROTHERMAL PROCESS. <i>Biomedical Engineering - Applications, Basis and Communications</i> , 2012, 24, 99-103.	0.3	7
121	Synthesis of rattle-type SnO ₂ structures with porous shells. <i>Journal of Materials Chemistry</i> , 2012, 22, 18111.	6.7	51
122	Ring-like PdOâ€“NiO with lamellar structure for gas sensor application. <i>Journal of Materials Chemistry</i> , 2012, 22, 12453.	6.7	48
123	Templating synthesis of ZnO hollow nanospheres loaded with Au nanoparticles and their enhanced gas sensing properties. <i>Journal of Materials Chemistry</i> , 2012, 22, 4767.	6.7	115
124	Enhanced ethanol sensing properties of NiO-doped SnO ₂ polyhedra. <i>New Journal of Chemistry</i> , 2012, 36, 1003.	1.4	31
125	Synthesis and ethanol sensing properties of SnO ₂ nanosheets via a simple hydrothermal route. <i>Solid-State Electronics</i> , 2012, 76, 91-94.	0.8	57
126	Ring-like PdO-decorated NiO with lamellar structures and their application in gas sensor. <i>Sensors and Actuators B: Chemical</i> , 2012, 171-172, 1180-1185.	4.0	54

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127	Enhanced acetone sensing performances of hierarchical hollow Au-loaded NiO hybrid structures. <i>Sensors and Actuators B: Chemical</i> , 2012, 161, 178-183.	4.0	84
128	Template-free synthesized hollow NiO@SnO ₂ nanospheres with high gas-sensing performance. <i>Sensors and Actuators B: Chemical</i> , 2012, 164, 90-95.	4.0	73
129	Three-Dimensional Hierarchical Flowerlike Fe ₂ O ₃ Nanostructures: Synthesis and Ethanol-Sensing Properties. <i>ACS Applied Materials & Interfaces</i> , 2011, 3, 4689-4694.	4.0	214
130	Zinc oxide core-shell hollow microspheres with multi-shelled architecture for gas sensor applications. <i>Journal of Materials Chemistry</i> , 2011, 21, 19331.	6.7	100
131	Upconversion emissions from high-energy states of Eu ³⁺ sensitized by Yb ³⁺ and Ho ³⁺ in NaYF ₄ microcrystals under 980 nm excitation. <i>Optics Express</i> , 2011, 19, 25471.	1.7	32
132	Facile synthesis of hierarchical SnO ₂ semiconductor microspheres for gas sensor application. <i>Sensors and Actuators B: Chemical</i> , 2011, 155, 285-289.	4.0	46
133	Enhanced ammonia sensing performances of Pd-sensitized flowerlike ZnO nanostructure. <i>Sensors and Actuators B: Chemical</i> , 2011, 156, 395-400.	4.0	92
134	Bright Green Upconversion Fluorescence of Yb ³⁺ , Er ³⁺ -Codoped NaYF ₄ Nanocrystals. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 1825-1828.	0.9	7
135	The universal equation of state applied to analysis of EOS data for solid molybdenum and tungsten. <i>Journal of Materials Science</i> , 2009, 44, 708-714.	1.7	3
136	Large-scale synthesis and photoluminescence properties of SiC networks. <i>Applied Physics A: Materials Science and Processing</i> , 2009, 96, 521-527.	1.1	12
137	Controlled synthesis and luminescence properties from cubic to hexagonal NaYF ₄ :Ln ³⁺ (Ln=Eu and) <i>Optics Express</i> , 2009, 17, 25471.	1.7	32
138	Ultraviolet and violet upconversion fluorescence of europium (III) doped in YF ₃ nanocrystals. <i>Optics Letters</i> , 2009, 34, 2781.	1.7	41
139	Enhanced Photoluminescence of Water Soluble YVO ₄ :Ln ³⁺ (Ln = Eu, Dy, Sm,) <i>Optics Express</i> , 2009, 17, 17042-17045.	1.5	73