

# Jinxian Wang

## List of Publications by Year in descending order

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265  
papers

5,614  
citations

116194

36  
h-index

175968

55  
g-index

267  
all docs

267  
docs citations

267  
times ranked

5280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Decorating rare-earth fluoride upconversion nanoparticles on AuNRs@Ag core-shell structure for NIR light-mediated photothermal therapy and bioimaging. <i>Journal of Rare Earths</i> , 2022, 40, 193-200.	2.5	7
2	Eu <sup>3+</sup> ions grafted polyacrylonitrile nanofibers possessing enhanced fluorescence performance by introducing benzoic acid as assistant ligand. <i>Journal of Rare Earths</i> , 2022, 40, 421-427.	2.5	2
3	Conjugative electrospinning towards Janus-type nanofibers array membrane concurrently displaying dual-functionality of improved red luminescence and tuneable superparamagnetism. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 4438-4449.	1.1	10
4	Two steps synthesis of plum-shaped C@Ni/MnO nanofiber heterostructures for trapping and catalyzing polysulfides in lithium-sulfur batteries. <i>Journal of Colloid and Interface Science</i> , 2022, 613, 15-22.	5.0	4
5	NiCo <sub>2</sub> O <sub>4</sub> @PPy concurrently as cathode host material and interlayer for high-rate and long-cycle lithium sulfur batteries. <i>Ceramics International</i> , 2022, 48, 22287-22296.	2.3	16
6	A novel K <sub>3</sub> WO <sub>2</sub> F <sub>5</sub> ·2H <sub>2</sub> O:Mn <sup>4+</sup> phosphor with excellent hydrophobic stability by coating paraffin wax for the application of WLEDs. <i>Journal of Alloys and Compounds</i> , 2022, 918, 165522.	2.8	8
7	Flexible solar absorber using hydrophile/hydrophobe amphipathic Janus nanofiber as building unit for efficient vapor generation. <i>Separation and Purification Technology</i> , 2022, 297, 121526.	3.9	11
8	Electrospun light stimulus response-enhanced anisotropic conductive Janus membrane with up/down-conversion luminescence. <i>Materials Chemistry Frontiers</i> , 2022, 6, 2219-2232.	3.2	10
9	Enhanced fluorescence achieved by introducing benzoic acid as coligand onto Tb <sup>3+</sup> grafted PAN nanofibers. <i>Optical Materials</i> , 2021, 111, 110619.	1.7	5
10	A neoteric approach to achieve CaF <sub>2</sub> :Eu <sup>2+/3+</sup> one-dimensional nanostructures with direct white light emission and color-tuned photoluminescence. <i>Journal of Alloys and Compounds</i> , 2021, 851, 156784.	2.8	10
11	The strategies of boosting the performance of highly reversible zinc anodes in zinc-ion batteries: recent progress and future perspectives. <i>Sustainable Energy and Fuels</i> , 2021, 5, 332-350.	2.5	29
12	Flexible Nanobelts Array Film with Light-Controllable Electrically Conductive Anisotropy. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100052.	1.7	3
13	Flexible microfiber array film possessing light-activated conductive anisotropy. <i>Materials Chemistry and Physics</i> , 2021, 267, 124717.	2.0	3
14	Enhanced UV-Vis-NIR composite photocatalysis of NaBiF <sub>4</sub> :Yb <sup>3+</sup> , Tm <sup>3+</sup> upconversion nanoparticles loaded on Bi <sub>2</sub> WO <sub>6</sub> microspheres. <i>Journal of Solid State Chemistry</i> , 2021, 300, 122248.	1.4	12
15	Porous Mo <sub>2</sub> C nanofibers with high conductivity as an efficient sulfur host for highly-stable lithium-sulfur batteries. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 156, 110193.	1.9	5
16	Green synthesis, luminescent properties and application for WLED of flower-like K <sub>2</sub> LiAlF <sub>6</sub> :Mn <sup>4+</sup> phosphor. <i>Optical Materials</i> , 2021, 119, 111392.	1.7	14
17	Electrospun polyfunctional switch-typed anisotropic photoconductive film endowed with superparamagnetic-fluorescent performances. <i>Applied Materials Today</i> , 2021, 24, 101086.	2.3	3
18	White light emission and energy transfer mechanism of LaOCl:Tb <sup>3+</sup> /Sm <sup>3+</sup> with 3D umbrella-like structure. <i>Journal of Luminescence</i> , 2021, 238, 118277.	1.5	3

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19	Non-metal group doped g-C <sub>3</sub> N <sub>4</sub> combining with BiF <sub>3</sub> :Yb <sup>3+</sup> , Er <sup>3+</sup> upconversion nanoparticles for photocatalysis in UV-Vis-NIR region. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 627, 127180.	2.3	12
20	Novel photosensitive dual-anisotropic conductive Janus film endowed with magnetic-luminescent properties and derivative 3D structures. <i>Journal of Colloid and Interface Science</i> , 2021, 601, 899-914.	5.0	8
21	Tricolor flag-shaped nanobelt array and derivant 3D structures display concurrent conductive anisotropy, up-conversion fluorescence and magnetism. <i>Materials and Design</i> , 2021, 211, 110121.	3.3	4
22	Two-step solvothermal synthesis of high capacity LiNi <sub>0.8</sub> Co <sub>0.15</sub> Al <sub>0.05</sub> O <sub>2</sub> cathode for Li-ion batteries. <i>Journal of the Chinese Chemical Society</i> , 2021, 68, 849-857.	0.8	2
23	Suppressed energy transfer between different rare earth ions to obtain enhanced and tuned fluorescence by using Janus nanofibers. <i>Journal of Materials Chemistry C</i> , 2021, 9, 7615-7621.	2.7	12
24	Moisture-resistant Nb-based fluoride K <sub>2</sub> NbF <sub>7</sub> :Mn <sup>4+</sup> and oxyfluoride phosphor K <sub>3</sub> (NbOF <sub>5</sub> )(HF <sub>2</sub> ):Mn <sup>4+</sup> synthesis, improved luminescence performance and application in warm white LEDs. <i>Dalton Transactions</i> , 2021, 50, 17290-17300.	1.6	17
25	Co-precipitation synthesis, luminescent properties and application in warm WLEDs of Na <sub>3</sub> GaF <sub>6</sub> :Mn <sup>4+</sup> red phosphor. <i>Journal of Luminescence</i> , 2020, 219, 116960.	1.5	19
26	One-step hydrothermal synthesis of Ni-Co sulfide on Ni foam as a binder-free electrode for lithium-sulfur batteries. <i>Journal of Colloid and Interface Science</i> , 2020, 565, 378-387.	5.0	31
27	Green route synthesis and optimized luminescence of K <sub>2</sub> SiF <sub>6</sub> :Mn <sup>4+</sup> red phosphor for warm WLEDs. <i>Optical Materials</i> , 2020, 99, 109500.	1.7	12
28	Electrospun TiO <sub>2</sub> /SnO <sub>2</sub> Janus nanofibers and its application in ethanol sensing. <i>Materials Letters</i> , 2020, 262, 127070.	1.3	33
29	Luminescence properties and energy transfer of Tb <sup>3+</sup> , Eu <sup>3+</sup> co-doped YTaO <sub>4</sub> phosphors obtained via sol-gel combustion process. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 13688-13695.	1.1	10
30	2D Dual Anisotropic Conductive Janus Nanostrips Array Pellicle and Derivative 3D Janus Structural Pipe Concurrently Endowed with Magnetism and Red-green Two-colored Fluorescence. <i>ChemNanoMat</i> , 2020, 6, 1876-1892.	1.5	5
31	Synthesis and Ethanol Sensing Properties of SnO <sub>2</sub> Nanoparticles in SnO <sub>2</sub> Nanotubes Composite. <i>Russian Journal of Physical Chemistry A</i> , 2020, 94, 2306-2311.	0.1	6
32	Local structure modulation of Mn <sup>4+</sup> -doped Na <sub>2</sub> Si <sub>1-y</sub> Ge <sub>y</sub> F <sub>6</sub> red phosphors for enhancement of emission intensity, moisture resistance, thermal stability and application in warm pc-WLEDs. <i>Dalton Transactions</i> , 2020, 49, 13805-13817.	1.6	36
33	Hydrothermal synthesis of rod-like CoMoO <sub>4</sub> and its excellent properties for the anode of lithium-ion batteries. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 2012-2018.	0.8	3
34	2D Janus membrane and derivative 3D dual-wall Janus shaped tube affording dual aeolotropic conduction, up/down conversion luminescence and superparamagnetism. <i>Materials Today Communications</i> , 2020, 24, 101235.	0.9	3
35	Preparation of hierarchical LiNi <sub>x</sub> Co <sub>y</sub> Mn <sub>z</sub> O <sub>2</sub> from solvothermal [Ni <sub>x</sub> Co <sub>y</sub> Mn <sub>z</sub> ](OH) <sub>2</sub> via regulating the ratio of Ni, Co, and Mn and its excellent properties for lithium-ion battery ca. <i>Journal of the Chinese Chemical Society</i> , 2020, 67, 2062-2070.	0.8	5
36	Electrospinning-based construction of porous Mn <sub>3</sub> O <sub>4</sub> /CNFs as anodes for high-performance lithium-ion batteries. <i>New Journal of Chemistry</i> , 2020, 44, 3888-3895.	1.4	6

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37	NaGdF <sub>4</sub> :Ln <sup>3+</sup> (Ln=Dy, Sm) phosphors: Luminescence, energy transfer, tunable color and magnetic properties. <i>Journal of Luminescence</i> , 2020, 222, 117155.	1.5	19
38	Multiple anisotropic conduction, up/down conversion luminescence and magnetism assembled into 2D step-like Janus array film. <i>Journal Physics D: Applied Physics</i> , 2020, 53, 145301.	1.3	2
39	Construction, energy transfer, tunable multicolor and luminescence enhancement of YF <sub>3</sub> :RE <sup>3+</sup> (RE=Eu, Tm) Tb <sup>3+</sup> phosphors. <i>Journal of Luminescence</i> , 2020, 222, 117155.	1.5	19
40	Green route, room-temperature synthesis and luminescence properties of a non-rare-earth doping Zn <sup>2+</sup> based narrow-band red phosphor for WLEDs. <i>Journal of Luminescence</i> , 2019, 216, 116695.	1.5	15
41	Synthesis and multicolor luminescence of Tb <sup>3+</sup> and Sm <sup>3+</sup> co-doped LiGd(MoO <sub>4</sub> ) <sub>2</sub> phosphor. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 16376-16383.	1.1	3
42	Utilizing modules of different functions to construct a Janus-type membrane and derivative 3D Janus-type tube displaying synchronous trifunction of conductive anisotropy, magnetism and luminescence. <i>Nanotechnology</i> , 2019, 30, 435602.	1.3	7
43	Modularization design philosophy for multifunctional materials: a case study of a Janus film affording concurrent electrically conductive anisotropic-magnetic-fluorescent multifunctionality. <i>Journal of Materials Chemistry C</i> , 2019, 7, 9075-9086.	2.7	27
44	Construction of LiMn <sub>2</sub> O <sub>4</sub> microcubes and spheres via the control of the (104) crystal planes of MnCO <sub>3</sub> for high rate Li-ions batteries. <i>RSC Advances</i> , 2019, 9, 21009-21017.	1.7	15
45	A versatile nitrogen-doped carbon coating strategy to improve the electrochemical performance of LiFePO <sub>4</sub> cathodes for lithium-ion batteries. <i>Journal of Alloys and Compounds</i> , 2019, 810, 151889.	2.8	20
46	Novel polygonal structure Mn <sup>4+</sup> activated In <sup>3+</sup> -based Elpasolite-type hexafluorides red phosphor for warm white light-emitting diodes (WLEDs). <i>Dalton Transactions</i> , 2019, 48, 1376-1385.	1.6	26
47	Janus nanofiber array pellicle: facile conjugate electrospinning construction, structure and bifunctionality of enhanced green fluorescence and adjustable magnetism. <i>RSC Advances</i> , 2019, 9, 206-214.	1.7	18
48	Multifunctional Ag@NaGdF <sub>4</sub> :Yb <sup>3+</sup> , Er <sup>3+</sup> core-shell nanocomposites for dual-mode imaging and photothermal therapy. <i>Journal of Luminescence</i> , 2019, 209, 357-364.	1.5	17
49	A Novel Strategy to Fabricate CuS, Cu <sub>7</sub> S <sub>4</sub> , and Cu <sub>2</sub> -xSe Nanofibers via Inheriting the Morphology of Electrospun CuO Nanofibers. <i>Russian Journal of Physical Chemistry A</i> , 2019, 93, 730-735.	0.1	2
50	Electrochemical Characteristics of Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> /Ag Composite Nanobelts Prepared via Electrospinning. <i>Russian Journal of Physical Chemistry A</i> , 2019, 93, 144-150.	0.1	6
51	Assembling 1D and Janus Nanobelts into 2D Anisotropic Conductive Janus Membranes and 3D Double-Walled Janus Tubes. <i>ChemNanoMat</i> , 2019, 5, 820-830.	1.5	11
52	3D nitrogen-doped hierarchical porous carbon framework for protecting sulfur cathode in lithium-sulfur batteries. <i>New Journal of Chemistry</i> , 2019, 43, 9641-9651.	1.4	22
53	Extremely sensitive and accurate H <sub>2</sub> S sensor at room temperature fabricated with In-doped Co <sub>3</sub> O <sub>4</sub> porous nanosheets. <i>Dalton Transactions</i> , 2019, 48, 7720-7727.	1.6	25
54	Flexible sandwich-shaped composite film with simultaneous double electrically conductive anisotropy, magnetism and dual-color fluorescence. <i>New Journal of Chemistry</i> , 2019, 43, 7984-7996.	1.4	8

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55	High pairing rate Janus-structured microfibers and array: high-efficiency conjugate electrospinning fabrication, structure analysis and co-instantaneous multifunctionality of anisotropic conduction, magnetism and enhanced red fluorescence. <i>RSC Advances</i> , 2019, 9, 10679-10692.	1.7	17
56	Preparation of Janus microfibers with magnetic and fluorescence functionality via conjugate electro-spinning. <i>Materials and Design</i> , 2019, 170, 107701.	3.3	39
57	A neoteric sandwich-configurational composite film offering synchronous conductive aeolotropy, superparamagnetism and dual-color fluorescence. <i>Nanoscale Advances</i> , 2019, 1, 1497-1509.	2.2	7
58	Anisotropic Conductive Membrane with Superparamagnetism and Color-Tunable Luminescence. <i>Russian Journal of Physical Chemistry A</i> , 2019, 93, 2444-2451.	0.1	4
59	Room-temperature synthesis, optimized photoluminescence and warm-white LED application of a highly efficient non-rare-earth red phosphor. <i>Journal of Alloys and Compounds</i> , 2019, 775, 1365-1375.	2.8	28
60	Novel sandwich-structured composite pellicle displays high and tuned electrically conductive anisotropy, magnetism and photoluminescence. <i>Chemical Engineering Journal</i> , 2019, 361, 713-724.	6.6	34
61	Employing novel Janus nanobelts to achieve anisotropic conductive array pellicle functionalized by superparamagnetism and green fluorescence. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 4219-4230.	1.1	1
62	Conjugate Electrospinning Construction of Microyarns with Synchronous Color-Tuned Photoluminescence and Tunable Electrical Conductivity. <i>Journal of Electronic Materials</i> , 2019, 48, 1511-1521.	1.0	3
63	Multifunctional $\text{Ln}^{3+}$ -NaGdF <sub>4</sub> : Ln <sup>3+</sup> (Ln=Yb/Er/Eu) phosphors synthesized by l-arginine assisted hydrothermal method and their multicolor tunable luminescence. <i>Materials Research Bulletin</i> , 2019, 110, 141-148.	2.7	20
64	Investigating efficient energy transfer in novel strategy-obtained Gd <sub>2</sub> O <sub>3</sub> :Dy <sup>3+</sup> , Eu <sup>3+</sup> nanofibers endowed with white emitting and magnetic dual-functionality. <i>Journal of Luminescence</i> , 2019, 206, 509-517.	1.5	25
65	Dandelion Derived Nitrogen-Doped Hollow Carbon Host for Encapsulating Sulfur in Lithium Sulfur Battery. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 3042-3051.	3.2	71
66	Electrospinning assembly of 1D peculiar Janus nanofiber into 2D anisotropic electrically conductive array membrane synchronously endowed with tuned superparamagnetism and color-tunable luminescence. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 10284-10300.	1.1	11
67	Enhancement of electrochemical properties of niobium-doped LiFePO <sub>4</sub> /C synthesized by sol-gel method. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 977-981.	0.8	7
68	Peculiarly Structured Janus Nanofibers Display Synchronous and Tuned Trifunctionality of Enhanced Luminescence, Electrical Conduction, and Superparamagnetism. <i>ChemPlusChem</i> , 2018, 83, 108-116.	1.3	10
69	Au-doped Li <sub>1.2</sub> Ni <sub>0.7</sub> Co <sub>0.1</sub> Mn <sub>0.2</sub> O <sub>2</sub> electrospun nanofibers: synthesis and enhanced capacity retention performance for lithium-ion batteries. <i>RSC Advances</i> , 2018, 8, 4112-4118.	1.7	12
70	Flexible special-structured Janus nanofiber synchronously endowed with tunable trifunctionality of enhanced photoluminescence, electrical conductivity and superparamagnetism. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 7119-7129.	1.1	13
71	Realizing white light emitting in single phased LaOCl based on energy transfer from Tm <sup>3+</sup> to Eu <sup>3+</sup> . <i>Ceramics International</i> , 2018, 44, 6754-6761.	2.3	9
72	A novel and facile approach to obtain NiO nanowire-in-nanotube structured nanofibers with enhanced photocatalysis. <i>RSC Advances</i> , 2018, 8, 11051-11060.	1.7	20

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73	Impact of CTAB on morphology and electrochemical performance of MoS <sub>2</sub> nanoflowers with improved lithium storage properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 3631-3639.	1.1	13
74	Room-temperature synthesis, controllable morphology and optical characteristics of narrow-band red phosphor K <sub>2</sub> LiGaF <sub>6</sub> :Mn <sup>4+</sup> . <i>CrystEngComm</i> , 2018, 20, 2183-2192.	1.3	18
75	Integrating photoluminescence, magnetism and thermal conversion for potential photothermal therapy and dual-modal bioimaging. <i>Journal of Colloid and Interface Science</i> , 2018, 510, 292-301.	5.0	25
76	Conjugate electrospinning-fabricated nanofiber yarns simultaneously endowed with bifunctionality of magnetism and enhanced fluorescence. <i>Journal of Materials Science</i> , 2018, 53, 2290-2302.	1.7	27
77	Assembling exceptionally-structured Janus nanoribbons into a highly anisotropic electrically conductive array film that exhibits red fluorescence and superparamagnetism. <i>New Journal of Chemistry</i> , 2018, 42, 18708-18716.	1.4	12
78	Controllable synthesis of nanostructured ZnCo <sub>2</sub> O <sub>4</sub> as high-performance anode materials for lithium-ion batteries. <i>RSC Advances</i> , 2018, 8, 39377-39383.	1.7	9
79	Electrospinning Construction of Flexible Composite Nanoribbons with Color-Tunable Fluorescence. <i>Russian Journal of Physical Chemistry A</i> , 2018, 92, 2257-2264.	0.1	2
80	Synergistic stabilizing lithium sulfur battery via nanocoating polypyrrole on cobalt sulfide nanobox. <i>Journal of Power Sources</i> , 2018, 405, 51-60.	4.0	45
81	Using special Janus nanobelt as constitutional unit to construct anisotropic conductive array membrane for concurrently affording color-tunable luminescence and superparamagnetism. <i>RSC Advances</i> , 2018, 8, 31608-31617.	1.7	16
82	Structure, Morphology, and Composition of Mn <sub>3</sub> N <sub>2</sub> /MnO/C Composite Anode Materials for Li-Ion Batteries. <i>Russian Journal of Physical Chemistry A</i> , 2018, 92, 1823-1829.	0.1	3
83	Rationally designed hierarchical porous CNFs/Co <sub>3</sub> O <sub>4</sub> nanofiber-based anode for realizing high lithium ion storage. <i>RSC Advances</i> , 2018, 8, 30794-30801.	1.7	16
84	High performance Co <sub>3</sub> O <sub>4</sub> /Li <sub>2</sub> TiO <sub>3</sub> composite hollow nanofibers as anode material for Li-ion batteries. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 14222-14231.	1.1	3
85	Multifunctional PVP-Ba <sub>2</sub> GdF <sub>7</sub> :Yb <sup>3+</sup> , Ho <sup>3+</sup> coated on Ag nanospheres for bioimaging and tumor photothermal therapy. <i>Applied Surface Science</i> , 2018, 458, 931-939.	3.1	22
86	Controlled Morphology, Improved Photoluminescent Properties, and Application of an Efficient Non-rare Earth Deep Red-Emitting Phosphor. <i>Inorganic Chemistry</i> , 2018, 57, 9892-9901.	1.9	57
87	Facile synthesis of Fe <sub>3</sub> O <sub>4</sub> /NiFe <sub>2</sub> O <sub>4</sub> nanosheets with enhanced Lithium-ion storage by one-step chemical dealloying. <i>Journal of Materials Science</i> , 2018, 53, 15631-15642.	1.7	27
88	Facile synthesis of three-dimensional hierarchical NiO microflowers for efficient room temperature H <sub>2</sub> S gas sensor. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 4624-4631.	1.1	28
89	Novel double anisotropic conductive flexible composite film endowed with improved luminescence. <i>RSC Advances</i> , 2018, 8, 22887-22896.	1.7	13
90	In situ synthesis of homogeneous Ce <sub>2</sub> S <sub>3</sub> /MoS <sub>2</sub> composites and their electrochemical performance for lithium ion batteries. <i>RSC Advances</i> , 2017, 7, 6309-6314.	1.7	7

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91	Eu <sup>3+</sup> /Tb <sup>3+</sup> doped cubic BaGdF <sub>5</sub> multifunctional nanophosphors: Multicolor tunable luminescence, energy transfer and magnetic properties. <i>Journal of Luminescence</i> , 2017, 186, 6-15.	1.5	29
92	A novel strategy to achieve NaGdF <sub>4</sub> :Eu <sup>3+</sup> nanofibers with color-tunable luminescence and paramagnetic performance. <i>Journal of the American Ceramic Society</i> , 2017, 100, 2034-2044.	1.9	16
93	Electrospun Li <sub>4</sub> Ti <sub>5</sub> O <sub>12</sub> /Li <sub>2</sub> TiO <sub>3</sub> composite nanofibers for enhanced high-rate lithium ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 2779-2790.	1.2	22
94	Dual-mode blue emission, enhanced up-conversion luminescence and paramagnetic properties of ytterbium and thulium-doped Ba <sub>2</sub> GdF <sub>7</sub> multifunctional nanophosphors. <i>Journal of Colloid and Interface Science</i> , 2017, 501, 215-221.	5.0	14
95	Assembly of 1D nanofibers into a 2D bi-layered composite nanofibrous film with different functionalities at the two layers via layer-by-layer electrospinning. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 118-126.	1.3	9
96	An In <sub>2</sub> O <sub>3</sub> nanorod-decorated reduced graphene oxide composite as a high-response NO <sub>x</sub> gas sensor at room temperature. <i>New Journal of Chemistry</i> , 2017, 41, 7517-7523.	1.4	26
97	Fabrication of Ce <sub>2</sub> S <sub>3</sub> /MoS <sub>2</sub> composites via recrystallization-sulfurization method and their improved electrochemical performance for lithium-ion batteries. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 12297-12305.	1.1	5
98	Electrospinning preparation and photoluminescence properties of Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> :Ce <sup>3+</sup> , Tb <sup>3+</sup> nanobelts. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 4498-4505.	1.1	2
99	Electrospun Li <sub>3</sub> V <sub>2</sub> (PO <sub>4</sub> ) <sub>3</sub> Nanobelts: Synthesis and Electrochemical Properties as Cathode Materials of Lithium-ion Batteries. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 557-564.	0.8	5
100	Hydrothermal synthesis, down-/enhanced up-converting, color tuning luminescence, energy transfer and paramagnetic properties of Ln <sup>3+</sup> (Ln = Eu/Dy, Yb/Ho)-doped Ba <sub>2</sub> GdF <sub>7</sub> multifunctional nanophosphors. <i>New Journal of Chemistry</i> , 2017, 41, 1609-1617.	1.4	18
101	High electrochemical performance of nanoporous Fe <sub>3</sub> O <sub>4</sub> /CuO/Cu composites synthesized by dealloying Al-Cu-Fe quasicrystal. <i>Journal of Alloys and Compounds</i> , 2017, 729, 360-369.	2.8	21
102	Emerging La <sub>2</sub> O <sub>2</sub> CN <sub>2</sub> matrix with controllable 3D morphology for photoluminescence applications. <i>CrystEngComm</i> , 2017, 19, 6498-6505.	1.3	5
103	Hydrothermal synthesis of narrow-band red emitting K <sub>2</sub> NaAlF <sub>6</sub> :Mn <sup>4+</sup> phosphor for warm-white LED applications. <i>RSC Advances</i> , 2017, 7, 45834-45842.	1.7	33
104	Dual-mode blue emission, paramagnetic properties of Yb <sup>3+</sup> /Tm <sup>3+</sup> co-doped GdOCl difunctional nanostructures. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 19038-19050.	1.1	3
105	Novel nanofiber yarns synchronously endowed with tri-functional performance of superparamagnetism, electrical conductivity and enhanced fluorescence prepared by conjugate electrospinning. <i>RSC Advances</i> , 2017, 7, 48702-48711.	1.7	16
106	Assembly of 1D coaxial nanoribbons into 2D multicolor luminescence array membrane endowed with tunable anisotropic electrical conductivity and magnetism via electrospinning. <i>RSC Advances</i> , 2017, 7, 32850-32860.	1.7	10
107	Highly active and porous single-crystal In <sub>2</sub> O <sub>3</sub> nanosheet for NO <sub>x</sub> gas sensor with excellent response at room temperature. <i>RSC Advances</i> , 2017, 7, 33419-33425.	1.7	39
108	La <sub>2</sub> O <sub>2</sub> CN <sub>2</sub> :Yb <sup>3+</sup> /Tm <sup>3+</sup> nanofibers and nanobelts: novel fabrication technique, structure and upconversion luminescence. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 16282-16291.	1.1	2

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109	A potential single-component white-light-emitting phosphor CaMoO <sub>4</sub> :La <sup>3+</sup> ,Dy <sup>3+</sup> : hydrothermal synthesis, luminescence properties and energy transfer. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 16519-16526.	1.1	11
110	Novel flexible coaxial nanoribbons arrays to help achieve tuned and enhanced simultaneous multicolor luminescence“electricity”magnetism trifunctionality. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 16762-16775.	1.1	1
111	Double anisotropic electrically conductive flexible Janus-typed membranes. <i>Nanoscale</i> , 2017, 9, 18918-18930.	2.8	59
112	An electrospun flexible Janus nanoribbon array endowed with simultaneously tuned trifunctionality of electrically conductive anisotropy, photoluminescence and magnetism. <i>New Journal of Chemistry</i> , 2017, 41, 13983-13992.	1.4	19
113	Hierarchical porous CoNi/CoO/NiO composites derived from dealloyed quasicrystals as advanced anodes for lithium-ion batteries. <i>Scripta Materialia</i> , 2017, 139, 30-33.	2.6	20
114	Nanostructured CoO/NiO/CoNi anodes with tunable morphology for high performance lithium-ion batteries. <i>Dalton Transactions</i> , 2017, 46, 11031-11036.	1.6	22
115	Novel synthetic strategy towards BaFCl and BaFCl:Eu <sup>2+</sup> nanofibers with photoluminescence properties. <i>Chemical Engineering Journal</i> , 2017, 310, 91-101.	6.6	20
116	Bi <sub>2</sub> MoO <sub>6</sub> /RGO composite nanofibers: facile electrospinning fabrication, structure, and significantly improved photocatalytic water splitting activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 543-552.	1.1	26
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119	Single Flexible Nanofiber to Simultaneously Realize Electricity-Magnetism Bifunctionality. <i>Materials Research</i> , 2016, 19, 308-313.	0.6	7
120	Hydrothermal synthesis, multicolor tunable luminescence and energy transfer of Eu <sup>3+</sup> or/and Tb <sup>3+</sup> activated NaY(WO <sub>4</sub> ) <sub>2</sub> nanophosphors. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 10780-10790.	1.1	13
121	Dual-mode, tunable color, enhanced upconversion luminescence and magnetism of multifunctional BaGdF <sub>5</sub> :Ln <sup>3+</sup> (Ln = Yb/Er/Eu) nanophosphors. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 21518-21526.	1.3	34
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123	Tunable multicolor luminescence and white light emission realized in Eu <sup>3+</sup> mono-activated GdF <sub>3</sub> nanofibers with paramagnetic performance. <i>RSC Advances</i> , 2016, 6, 113045-113052.	1.7	16
124	Fe <sub>3</sub> O <sub>4</sub> /rGO nanocomposite: synthesis and enhanced NO <sub>x</sub> gas-sensing properties at room temperature. <i>RSC Advances</i> , 2016, 6, 37085-37092.	1.7	26
125	Doping Eu <sup>3+</sup> /Sm <sup>3+</sup> into CaWO <sub>4</sub> :Tm <sup>3+</sup> , Dy <sup>3+</sup> phosphors and their luminescence properties, tunable color and energy transfer. <i>RSC Advances</i> , 2016, 6, 26239-26246.	1.7	22
126	Flexible Janus nanoribbons to help obtain simultaneous color-tunable enhanced photoluminescence, magnetism and electrical conduction trifunctionality. <i>RSC Advances</i> , 2016, 6, 36180-36191.	1.7	11



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132	Novel synthetic strategy towards NiO/Ni <sub>3</sub> N composite hollow nanofibers for superior NO <sub>x</sub> gas-sensing properties at room temperature. <i>RSC Advances</i> , 2016, 6, 97313-97321.	1.7	7
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135	Highly uniform Co <sub>9</sub> S <sub>8</sub> nanoparticles grown on graphene nanosheets as advanced anode materials for improved Li-storage performance. <i>Applied Surface Science</i> , 2016, 390, 86-91.	3.1	23
136	Synthesis of Fe <sub>2</sub> O <sub>3</sub> , Fe <sub>3</sub> O <sub>4</sub> and Fe <sub>2</sub> N magnetic hollow nanofibers as anode materials for Li-ion batteries. <i>RSC Advances</i> , 2016, 6, 111447-111456.	1.7	30
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140	A new scheme to acquire BaY <sub>2</sub> F <sub>8</sub> :Er <sup>3+</sup> nanofibers with upconversion luminescence. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 9152-9158.	1.1	10
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144	Magnetic-optical-thermal properties assembled into MWCNTs/NaGdF <sub>4</sub> :Yb <sup>3+</sup> , Er <sup>3+</sup> multifunctional nanocomposites. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 490, 283-290.	2.3	6

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147	Flexible hollow nanofibers: Novel one-pot electrospinning construction, structure and tunable luminescence-electricity-magnetism trifunctionality. <i>Chemical Engineering Journal</i> , 2016, 284, 831-840.	6.6	68
148	Flexible Tricolor Flag-like Microribbons Array with Enhanced Conductive Anisotropy and Multifunctionality. <i>Scientific Reports</i> , 2015, 5, 14583.	1.6	24
149	Electrospun Flexible Coaxial Nanoribbons Endowed With Tuned and Simultaneous Fluorescent Color-Electricity-Magnetism Trifunctionality. <i>Scientific Reports</i> , 2015, 5, 14052.	1.6	28
150	Electrospinning Preparation and Photoluminescence Properties of Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> :Eu <sup>3+</sup> Nanobelts. <i>Materials Research</i> , 2015, 18, 411-416.	0.6	7
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152	Tunable color and energy transfer of Tm <sup>3+</sup> and Ho <sup>3+</sup> co-doped NaGdF <sub>4</sub> nanoparticles. <i>RSC Advances</i> , 2015, 5, 50611-50616.	1.7	14
153	Cadmium oxide nanofibers and nanobelts and their photodegradation. , 2015, , .		1
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161	Single Flexible Janus Nanobelts to Realize Tunable and Enhanced Simultaneous Photoluminescent, Electrical, and Magnetic Trifunctionality. <i>ChemPlusChem</i> , 2015, 80, 568-575.	1.3	10
162	Single flexible nanofiber to achieve simultaneous photoluminescence-electrical conductivity bifunctionality. <i>Luminescence</i> , 2015, 30, 26-31.	1.5	6

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165	SnO <sub>2</sub> nanocrystals anchored on N-doped graphene for high-performance lithium storage. <i>Chemical Communications</i> , 2015, 51, 3660-3662.	2.2	37
166	Multifunctional MWCNTs@NaGdF <sub>4</sub> :Yb <sup>3+</sup> ,Er <sup>3+</sup> ,Eu <sup>3+</sup> hybrid nanocomposites with potential dual-mode luminescence, magnetism and photothermal properties. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 22659-22667.	1.3	30
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169	Flexible composite nanobelts: facile electrospinning construction, structure and color-tunable photoluminescence. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 8413-8420.	1.1	18
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171	Novel flexible belt-shaped coaxial microcables with tunable multicolor luminescence, electrical conductivity and magnetism. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 21845-21855.	1.3	24
172	Au Nanorods@NaGdF <sub>4</sub> :Yb <sup>3+</sup> ,Er <sup>3+</sup> Multifunctional Hybrid Nanocomposites with Upconversion Luminescence, Magnetism, and Photothermal Property. <i>Journal of Physical Chemistry C</i> , 2015, 119, 18527-18536.	1.5	47
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174	Flexible Janus nanofibers: a feasible route to realize simultaneously tuned magnetism and enhanced color-tunable luminescence bifunctionality. <i>RSC Advances</i> , 2015, 5, 35948-35957.	1.7	11
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176	Tunable and enhanced simultaneous magnetism-luminescence bifunctionality assembled into a coaxial nanofiber. <i>New Journal of Chemistry</i> , 2015, 39, 3444-3451.	1.4	11
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178	Color-tunable luminescence nanofibers endowed with simultaneously tuned electricity@magnetism performance. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 5994-6003.	1.1	12
179	Magnetism and white-light-emission bifunctionality simultaneously assembled into flexible Janus nanofiber via electrospinning. <i>Journal of Materials Science</i> , 2015, 50, 7884-7895.	1.7	15
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196	Photoluminescenceâ€“electricityâ€“magnetism trifunction simultaneously assembled into one flexible nanofiber. Journal of Materials Science: Materials in Electronics, 2014, 25, 1309-1316.	1.1	9
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201	Preparation and electrochemical performances of LiFePO <sub>4</sub> /C composite nanobelts via facile electrospinning. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 1040-1046.	1.1	9
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206	Controlled synthesis and tunable photoluminescence properties of LaOBr:Eu <sup>3+</sup> nanostructures. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	0
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213	Controlled construction of hierarchical Co <sub>1-x</sub> S structures as high performance anode materials for lithium ion batteries. <i>CrystEngComm</i> , 2014, 16, 814-819.	1.3	66
214	Janus nanobelts: fabrication, structure and enhanced magneticâ€“fluorescent bifunctional performance. <i>Nanoscale</i> , 2014, 6, 2945-2952.	2.8	112
215	Structural Phase Transition and Photoluminescence Properties of YF <sub>3</sub> :Eu <sup>3+</sup> Nanocrystals under High Pressure. <i>Journal of Physical Chemistry C</i> , 2014, 118, 22739-22745.	1.5	29
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220	A single nanobelt to achieve simultaneous photoluminescenceâ€“electricityâ€“magnetism trifunction. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 2279-2286.	1.1	11
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