

Jinxian Wang

List of Publications by Year in descending order

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265
papers

5,614
citations

101543

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55
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all docs

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docs citations

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times ranked

4724
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Component and Warm-White-Emitting Phosphor NaGd(WO ₄) ₂ :Tm ³⁺ , Dy ³⁺ , Eu ³⁺ : Synthesis, Luminescence, Energy Transfer, and Tunable Color. <i>Inorganic Chemistry</i> , 2014, 53, 11457-11466.	4.0	194
2	Silver microspheres for application as hydrogen peroxide sensor. <i>Electrochemistry Communications</i> , 2009, 11, 1707-1710.	4.7	159
3	Direct fabrication of cerium oxide hollow nanofibers by electrospinning. <i>Journal of Rare Earths</i> , 2008, 26, 664-669.	4.8	126
4	Flexible Janus Nanoribbons Array: A New Strategy to Achieve Excellent Electrically Conductive Anisotropy, Magnetism, and Photoluminescence. <i>Advanced Functional Materials</i> , 2015, 25, 2436-2443.	14.9	123
5	Janus nanobelts: fabrication, structure and enhanced magnetic-fluorescent bifunctional performance. <i>Nanoscale</i> , 2014, 6, 2945-2952.	5.6	112
6	Electrospinning preparation and properties of magnetic-photoluminescent bifunctional coaxial nanofibers. <i>Journal of Materials Chemistry</i> , 2012, 22, 14438.	6.7	88
7	Multicolor tunable luminescence and paramagnetic properties of NaGdF ₄ :Tb ³⁺ /Sm ³⁺ multifunctional nanomaterials. <i>Dalton Transactions</i> , 2014, 43, 10801.	3.3	81
8	Hydrothermal synthesis of spherical and hollow Gd ₂ O ₃ :Eu ³⁺ phosphors. <i>Journal of Alloys and Compounds</i> , 2007, 432, 200-204.	5.5	75
9	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.	6.7	71
10	Tunable luminescence and energy transfer properties of NaGdF ₄ :Dy ³⁺ , Eu ³⁺ nanophosphors. <i>New Journal of Chemistry</i> , 2014, 38, 4901-4907.	2.8	69
11	Flexible hollow nanofibers: Novel one-pot electrospinning construction, structure and tunable luminescence-electricity-magnetism trifunctionality. <i>Chemical Engineering Journal</i> , 2016, 284, 831-840.	12.7	68
12	Controlled construction of hierarchical Co _{1-x} S structures as high performance anode materials for lithium ion batteries. <i>CrystEngComm</i> , 2014, 16, 814-819.	2.6	66
13	Dy ³⁺ and Eu ³⁺ Co-doped NaGdF ₄ nanofibers endowed with bifunctionality of tunable multicolor luminescence and paramagnetic properties. <i>Chemical Engineering Journal</i> , 2017, 309, 230-239.	12.7	64
14	Electrospinning fabrication of high-performance magnetic-photoluminescent bifunctional coaxial nanocables. <i>Chemical Engineering Journal</i> , 2013, 222, 16-22.	12.7	63
15	Preparation and characteristics of Fe ₃ O ₄ @YVO ₄ :Eu ³⁺ bifunctional magnetic-luminescent nanocomposites. <i>Journal of Alloys and Compounds</i> , 2011, 509, 6930-6934.	5.5	61
16	Synthesis of Y ₂ O ₂ S:Eu ³⁺ luminescent nanobelts via electrospinning combined with sulfurization technique. <i>Journal of Materials Science</i> , 2013, 48, 644-650.	3.7	61
17	Tunable photoluminescence and magnetic properties of Dy ³⁺ and Eu ³⁺ doped GdVO ₄ multifunctional phosphors. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 26638-26644.	2.8	61
18	Narrow-band red emitting phosphor BaTiF ₆ :Mn ⁴⁺ : preparation, characterization and application for warm white LED devices. <i>Dalton Transactions</i> , 2016, 45, 17886-17895.	3.3	60

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19	Luminescence, energy-transfer and tunable color properties of single-component Tb ³⁺ and/or Sm ³⁺ doped NaGd(WO ₄) ₂ phosphors with UV excitation for use as WLEDs. RSC Advances, 2014, 4, 58708-58716.	3.6	59
20	Double anisotropic electrically conductive flexible Janus-typed membranes. Nanoscale, 2017, 9, 18918-18930.	5.6	59
21	Controlled Morphology, Improved Photoluminescent Properties, and Application of an Efficient Non-rare Earth Deep Red-Emitting Phosphor. Inorganic Chemistry, 2018, 57, 9892-9901.	4.0	57
22	Fabrication of Magnetic-Fluorescent Bifunctional Flexible Coaxial Nanobelts by Electrospinning Using a Modified Coaxial Spinneret. ChemPlusChem, 2014, 79, 290-297.	2.8	51
23	Electrospinning fabrication and properties of Fe ₃ O ₄ /Eu(BA) ₃ phen/PMMA magnetic-photoluminescent bifunctional composite nanoribbons. Optical Materials, 2013, 35, 526-530.	3.6	49
24	Au Nanorods@NaGdF ₄ /Yb ³⁺ ,Er ³⁺ Multifunctional Hybrid Nanocomposites with Upconversion Luminescence, Magnetism, and Photothermal Property. Journal of Physical Chemistry C, 2015, 119, 18527-18536.	3.1	47
25	Magnetic-upconversion luminescent bifunctional flexible coaxial nanoribbon and Janus nanoribbon: One-pot electrospinning preparation, structure and enhanced upconversion luminescent characteristics. Chemical Engineering Journal, 2015, 260, 222-230.	12.7	46
26	Electrospinning preparation and properties of Fe ₃ O ₄ /Eu(BA) ₃ phen/PVP magnetic-photoluminescent bifunctional composite nanofibers. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	45
27	Synergistic stabilizing lithium sulfur battery via nanocoating polypyrrole on cobalt sulfide nanobox. Journal of Power Sources, 2018, 405, 51-60.	7.8	45
28	Flexible Janus nanofiber: A new tactics to realize tunable and enhanced magnetic-luminescent bifunction. Chemical Engineering Journal, 2014, 254, 259-267.	12.7	42
29	Up/down conversion, tunable photoluminescence and energy transfer properties of NaLa(WO ₄) ₂ :Er ³⁺ ,Eu ³⁺ phosphors. RSC Advances, 2015, 5, 97995-98003.	3.6	39
30	BaTiF ₆ :Mn ⁴⁺ bifunctional microstructures with photoluminescence and photocatalysis: hydrothermal synthesis and controlled morphology. CrystEngComm, 2016, 18, 5842-5851.	2.6	39
31	Highly active and porous single-crystal In ₂ O ₃ nanosheet for NO _x gas sensor with excellent response at room temperature. RSC Advances, 2017, 7, 33419-33425.	3.6	39
32	Preparation of Janus microfibers with magnetic and fluorescence functionality via conjugate electro-spinning. Materials and Design, 2019, 170, 107701.	7.0	39
33	SnO ₂ nanocrystals anchored on N-doped graphene for high-performance lithium storage. Chemical Communications, 2015, 51, 3660-3662.	4.1	37
34	Glycine-assisted hydrothermal synthesis of YPO ₄ :Eu ³⁺ nanobundles. Materials Letters, 2009, 63, 629-631.	2.6	36
35	Electrospinning preparation of LaOBr:Tb ³⁺ nanostructures and their photoluminescence properties. Journal of Materials Science, 2013, 48, 2557-2565.	3.7	36
36	Multicolor photoluminescence and energy transfer properties of dysprosium and europium-doped Gd ₂ O ₃ phosphors. Journal of Alloys and Compounds, 2015, 649, 96-103.	5.5	36

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37	Novel Electrospun Dual-Layered Composite Nanofibrous Membrane Endowed with Electricity-Magnetism Bifunctionality at One Layer and Photoluminescence at the Other Layer. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 26226-26234.	8.0	36
38	Electrospinning construction of Bi ₂ WO ₆ /RGO composite nanofibers with significantly enhanced photocatalytic water splitting activity. <i>RSC Advances</i> , 2016, 6, 64741-64748.	3.6	36
39	Local structure modulation of Mn ⁴⁺ -doped Na ₂ Si _{1-x} Ge _x F ₆ 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.	3.3	36
40	NaGdF ₄ :Dy ³⁺ nanofibers and nanobelts: facile construction technique, structure and bifunctionality of luminescence and enhanced paramagnetic performances. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 27536-27544.	2.8	35
41	Dual-mode, tunable color, enhanced upconversion luminescence and magnetism of multifunctional BaGdF ₅ :Ln ³⁺ (Ln = Yb/Er/Eu) nanophosphors. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 21518-21526.	2.8	34
42	Novel sandwich-structured composite pellicle displays high and tuned electrically conductive anisotropy, magnetism and photoluminescence. <i>Chemical Engineering Journal</i> , 2019, 361, 713-724.	12.7	34
43	Hydrothermal synthesis of narrow-band red emitting K ₂ NaAlF ₆ :Mn ⁴⁺ phosphor for warm-white LED applications. <i>RSC Advances</i> , 2017, 7, 45834-45842.	3.6	33
44	Electrospun TiO ₂ /SnO ₂ Janus nanofibers and its application in ethanol sensing. <i>Materials Letters</i> , 2020, 262, 127070.	2.6	33
45	Structural phase transition and photoluminescence properties of YF ₃ and YF ₃ :Eu ³⁺ under high pressure. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 19925.	2.8	32
46	Fabrication and luminescence properties of YF ₃ :Eu ³⁺ hollow nanofibers via coaxial electrospinning combined with fluorination technique. <i>Journal of Materials Science</i> , 2013, 48, 5930-5937.	3.7	31
47	A direct warm-white-light CaLa ₂ (MoO ₄) ₄ : Tb ³⁺ , Sm ³⁺ phosphor with tunable color tone via energy transfer for white LEDs. <i>RSC Advances</i> , 2015, 5, 77866-77872.	3.6	31
48	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.	9.4	31
49	Glycine-assisted hydrothermal synthesis of single-crystalline LaF ₃ :Eu ³⁺ hexagonal nanoplates. <i>Journal of Alloys and Compounds</i> , 2009, 487, 298-303.	5.5	30
50	Preparation and Characterization of Polycrystalline La ₂ Zr ₂ O ₇ : Ultrafine Fibres via Electrospinning. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 2514-2519.	0.9	30
51	Multifunctional MWCNTs-NaGdF ₄ :Yb ³⁺ , Er ³⁺ , Eu ³⁺ hybrid nanocomposites with potential dual-mode luminescence, magnetism and photothermal properties. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 22659-22667.	2.8	30
52	Synthesis of Fe ₂ O ₃ , Fe ₃ O ₄ and Fe ₂ N magnetic hollow nanofibers as anode materials for Li-ion batteries. <i>RSC Advances</i> , 2016, 6, 111447-111456.	3.6	30
53	Structural Phase Transition and Photoluminescence Properties of YF ₃ :Eu ³⁺ Nanocrystals under High Pressure. <i>Journal of Physical Chemistry C</i> , 2014, 118, 22739-22745.	3.1	29
54	Parallel spinnerets electrospinning fabrication of novel flexible luminescent-electrical-magnetic trifunctional bistrand-aligned nanobundles. <i>Chemical Engineering Journal</i> , 2014, 243, 500-508.	12.7	29

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55	Eu ³⁺ /Tb ³⁺ doped cubic BaGdF ₅ multifunctional nanophosphors: Multicolor tunable luminescence, energy transfer and magnetic properties. <i>Journal of Luminescence</i> , 2017, 186, 6-15.	3.1	29
56	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.	4.9	29
57	Electrospinning preparation and properties of magnetic-photoluminescent bifunctional bistrand-aligned composite nanofibers bundles. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	28
58	Flexible Janus Nanofibers: Facile Electrospinning Construction and Enhanced Luminescence-“Electrical”-Magnetic Trifunctionality. <i>ChemPlusChem</i> , 2014, 79, 690-697.	2.8	28
59	Synthesis and luminescence resonance energy transfer based on noble metal nanoparticles and the NaYF ₄ :Tb ³⁺ shell. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 15139-15145.	2.8	28
60	Electrospinning preparation and up-conversion luminescence properties of LaOBr:Er ³⁺ nanofibers and nanoribbons. <i>Chemical Engineering Journal</i> , 2014, 244, 531-539.	12.7	28
61	Electrospun Flexible Coaxial Nanoribbons Endowed With Tuned and Simultaneous Fluorescent Color-Electricity-Magnetism Trifunctionality. <i>Scientific Reports</i> , 2015, 5, 14052.	3.3	28
62	Facile synthesis of three-dimensional hierarchical NiO microflowers for efficient room temperature H ₂ S gas sensor. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 4624-4631.	2.2	28
63	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.	5.5	28
64	Conjugate electrospinning-fabricated nanofiber yarns simultaneously endowed with bifunctionality of magnetism and enhanced fluorescence. <i>Journal of Materials Science</i> , 2018, 53, 2290-2302.	3.7	27
65	Facile synthesis of Fe ₃ O ₄ /NiFe ₂ O ₄ nanosheets with enhanced Lithium-ion storage by one-step chemical dealloying. <i>Journal of Materials Science</i> , 2018, 53, 15631-15642.	3.7	27
66	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.	5.5	27
67	Construction, energy transfer, tunable multicolor and luminescence enhancement of YF ₃ :RE ³⁺ (RE=Eu, Tb) ETQq1. <i>Optical Materials</i> , 2014, 36, 1865-1870.	10.784314	27
68	Surfactant-assisted hydrothermal synthesis of octahedral structured NaGd(MoO ₄) ₂ :Eu ³⁺ /Tb ³⁺ and tunable photoluminescent properties. <i>Optical Materials</i> , 2014, 36, 1865-1870.	3.6	26
69	Fe ₃ O ₄ /rGO nanocomposite: synthesis and enhanced NO _x gas-sensing properties at room temperature. <i>RSC Advances</i> , 2016, 6, 37085-37092.	3.6	26
70	An In ₂ O ₃ nanorod-decorated reduced graphene oxide composite as a high-response NO _x gas sensor at room temperature. <i>New Journal of Chemistry</i> , 2017, 41, 7517-7523.	2.8	26
71	Bi ₂ MoO ₆ /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.	2.2	26
72	Novel polygonal structure Mn ⁴⁺ activated In ³⁺ -based Elpasolite-type hexafluorides red phosphor for warm white light-emitting diodes (WLEDs). <i>Dalton Transactions</i> , 2019, 48, 1376-1385.	3.3	26

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73	One-pot coaxial electrospinning fabrication and properties of magnetic-luminescent bifunctional flexible hollow nanofibers. <i>Materials Letters</i> , 2014, 120, 126-129.	2.6	25
74	Electricity- ϵ magnetism and color-tunable trifunction simultaneously assembled into one strip of flexible microbelt via electrospinning. <i>Chemical Engineering Journal</i> , 2015, 279, 231-240.	12.7	25
75	One-step synthesis of flower-shaped WO_3 nanostructures for a high-sensitivity room-temperature NO_x gas sensor. <i>RSC Advances</i> , 2016, 6, 106880-106886.	3.6	25
76	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.	9.4	25
77	Extremely sensitive and accurate H_2S sensor at room temperature fabricated with In-doped Co_3O_4 porous nanosheets. <i>Dalton Transactions</i> , 2019, 48, 7720-7727.	3.3	25
78	Investigating efficient energy transfer in novel strategy-obtained $\text{Gd}_2\text{O}_2\text{S:Dy}^{3+}$, Eu^{3+} nanofibers endowed with white emitting and magnetic dual-functionality. <i>Journal of Luminescence</i> , 2019, 206, 509-517.	3.1	25
79	Synthesis and luminescence properties of $\text{YF}_3:\text{Eu}^{3+}$ hollow nanofibers via the combination of electrospinning with fluorination technique. <i>Journal of Fluorine Chemistry</i> , 2013, 145, 70-76.	1.7	24
80	Synthesis and luminescence properties of $\text{LaOCl}:\text{Eu}^{3+}$ nanostructures via the combination of electrospinning with chlorination technique. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 4745-4756.	2.2	24
81	Flexible Tricolor Flag-like Microribbons Array with Enhanced Conductive Anisotropy and Multifunctionality. <i>Scientific Reports</i> , 2015, 5, 14583.	3.3	24
82	Reddish-orange-emitting and paramagnetic properties of $\text{GdVO}_4:\text{Sm}^{3+}/\text{Eu}^{3+}$ multifunctional nanomaterials. <i>New Journal of Chemistry</i> , 2015, 39, 8282-8290.	2.8	24
83	Novel flexible belt-shaped coaxial microcables with tunable multicolor luminescence, electrical conductivity and magnetism. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 21845-21855.	2.8	24
84	Silica-coated $\text{Y}_2\text{O}_3:\text{Eu}$ nanoparticles and their luminescence properties. <i>Journal of Luminescence</i> , 2007, 126, 702-706.	3.1	23
85	Synthesis and upconversion luminescence properties of $\text{YF}_3:\text{Yb}^{3+}/\text{Er}^{3+}$ hollow nanofibers derived from $\text{Y}_2\text{O}_3:\text{Yb}^{3+}/\text{Er}^{3+}$ hollow nanofibers. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	23
86	Highly uniform Co_9S_8 nanoparticles grown on graphene nanosheets as advanced anode materials for improved Li-storage performance. <i>Applied Surface Science</i> , 2016, 390, 86-91.	6.1	23
87	Preparation and characterization of $\text{Gd}_2\text{O}_3:\text{Eu}^{3+}$ luminescence nanotubes. <i>Journal of Alloys and Compounds</i> , 2008, 466, 512-516.	5.5	22
88	Fabrication and luminescence of $\text{YF}_3:\text{Tb}^{3+}$ hollow nanofibers. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 3041-3048.	2.2	22
89	Doping $\text{Eu}^{3+}/\text{Sm}^{3+}$ into $\text{CaWO}_4:\text{Tm}^{3+}$, Dy^{3+} phosphors and their luminescence properties, tunable color and energy transfer. <i>RSC Advances</i> , 2016, 6, 26239-26246.	3.6	22
90	Electrospun $\text{Li}_4\text{Ti}_5\text{O}_{12}/\text{Li}_2\text{TiO}_3$ composite nanofibers for enhanced high-rate lithium ion batteries. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 2779-2790.	2.5	22

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91	Nanostructured CoO/NiO/CoNi anodes with tunable morphology for high performance lithium-ion batteries. Dalton Transactions, 2017, 46, 11031-11036.	3.3	22
92	Multifunctional PVP-Ba ₂ GdF ₇ :Yb ³⁺ , Ho ³⁺ coated on Ag nanospheres for bioimaging and tumor photothermal therapy. Applied Surface Science, 2018, 458, 931-939.	6.1	22
93	3D nitrogen-doped hierarchical porous carbon framework for protecting sulfur cathode in lithium-sulfur batteries. New Journal of Chemistry, 2019, 43, 9641-9651.	2.8	22
94	A novel strategy to directly fabricate flexible hollow nanofibers with tunable luminescence-electricity-magnetism trifunctionality using one-pot electrospinning. Physical Chemistry Chemical Physics, 2015, 17, 22977-22984.	2.8	21
95	High electrochemical performance of nanoporous Fe ₃ O ₄ /CuO/Cu composites synthesized by dealloying Al-Cu-Fe quasicrystal. Journal of Alloys and Compounds, 2017, 729, 360-369.	5.5	21
96	Structure Design and Performance of LiNi _x Co _y Mn _{1-x-y} O ₂ Cathode Materials for Lithium-ion Batteries: A Review. Journal of the Chinese Chemical Society, 2014, 61, 1071-1083.	1.4	20
97	Tuned magnetism-luminescence bifunctionality simultaneously assembled into flexible Janus nanofiber. RSC Advances, 2015, 5, 12571-12577.	3.6	20
98	Hierarchical porous CoNi/CoO/NiO composites derived from dealloyed quasicrystals as advanced anodes for lithium-ion batteries. Scripta Materialia, 2017, 139, 30-33.	5.2	20
99	Novel synthetic strategy towards BaFCl and BaFCl:Eu ²⁺ nanofibers with photoluminescence properties. Chemical Engineering Journal, 2017, 310, 91-101.	12.7	20
100	A novel and facile approach to obtain NiO nanowire-in-nanotube structured nanofibers with enhanced photocatalysis. RSC Advances, 2018, 8, 11051-11060.	3.6	20
101	A versatile nitrogen-doped carbon coating strategy to improve the electrochemical performance of LiFePO ₄ cathodes for lithium-ion batteries. Journal of Alloys and Compounds, 2019, 810, 151889.	5.5	20
102	Multifunctional β -NaGdF ₄ : Ln ³⁺ (Ln=Yb/Er/Eu) phosphors synthesized by l-arginine assisted hydrothermal method and their multicolor tunable luminescence. Materials Research Bulletin, 2019, 110, 141-148.	5.2	20
103	Coaxial electrospinning fabrication and electrochemical properties of LiFePO ₄ /C/Ag composite hollow nanofibers. Journal of Materials Science: Materials in Electronics, 2013, 24, 4718-4724.	2.2	19
104	Synthesis and luminescence properties of Yb ³⁺ /Er ³⁺ co-doped LaOCl nanostructures. Journal of Materials Science, 2014, 49, 2919-2931.	3.7	19
105	Electrospinning fabrication and characterization of magnetic-upconversion fluorescent bifunctional core-shell nanofibers. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	19
106	Construction of Au@NaYF ₄ :Yb ³⁺ ,Er ³⁺ /Ho ³⁺ bifunctional hybrid nanocomposites with upconversion luminescence and photothermal properties. RSC Advances, 2014, 4, 62802-62808.	3.6	19
107	Janus nanofiber: a new strategy to achieve simultaneous enhanced magnetic-photoluminescent bifunction. Journal of Materials Science: Materials in Electronics, 2014, 25, 4024-4032.	2.2	19
108	Flexible ribbon-shaped coaxial electrical conductive nanocable array endowed with magnetism and photoluminescence. RSC Advances, 2015, 5, 2523-2530.	3.6	19

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109	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.	2.8	19
110	Co-precipitation synthesis, luminescent properties and application in warm WLEDs of Na ₃ GaF ₆ :Mn ⁴⁺ red phosphor. <i>Journal of Luminescence</i> , 2020, 219, 116960.	3.1	19
111	NaGdF ₄ :Ln ³⁺ (Ln=Dy, Sm) phosphors: Luminescence, energy transfer, tunable color and magnetic properties. <i>Journal of Luminescence</i> , 2020, 222, 117155.	3.1	19
112	Flexible composite nanobelts: facile electrospinning construction, structure and color-tunable photoluminescence. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 8413-8420.	2.2	18
113	Hydrothermal synthesis, down-/enhanced up-converting, color tuning luminescence, energy transfer and paramagnetic properties of Ln ³⁺ (Ln = Eu/Dy, Yb/Ho)-doped Ba ₂ Gd ₇ multifunctional nanophosphors. <i>New Journal of Chemistry</i> , 2017, 41, 1609-1617.	2.8	18
114	Room-temperature synthesis, controllable morphology and optical characteristics of narrow-band red phosphor K ₂ LiGaF ₆ :Mn ⁴⁺ . <i>CrystEngComm</i> , 2018, 20, 2183-2192.	2.6	18
115	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.	3.6	18
116	Single-phase and warm white-light-emitting phosphors CaLa ₂ (MoO ₄) ₄ : xDy ³⁺ , yEu ³⁺ : Synthesis, luminescence and energy transfer. <i>Journal of Luminescence</i> , 2016, 178, 61-67.	3.1	17
117	Multifunctional Ag@NaGdF ₄ :Yb ³⁺ , Er ³⁺ core-shell nanocomposites for dual-mode imaging and photothermal therapy. <i>Journal of Luminescence</i> , 2019, 209, 357-364.	3.1	17
118	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.	3.6	17
119	Moisture-resistant Nb-based fluoride K ₂ NbF ₇ :Mn ⁴⁺ and oxyfluoride phosphor K ₃ (NbOF ₅)(HF ₂):Mn ⁴⁺ : synthesis, improved luminescence performance and application in warm white LEDs. <i>Dalton Transactions</i> , 2021, 50, 17290-17300.	3.3	17
120	Magnetic, luminescent and core-shell structured Fe ₃ O ₄ @YF ₃ :Ce ³⁺ , Tb ³⁺ bifunctional nanocomposites. <i>Powder Technology</i> , 2012, 215-216, 242-246.	4.2	16
121	Electrospinning fabrication and electrochemical properties of LiFePO ₄ /C composite nanofibers. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 4263-4269.	2.2	16
122	Tunable multicolor luminescence and white light emission realized in Eu ³⁺ mono-activated Gd ₃ nanofibers with paramagnetic performance. <i>RSC Advances</i> , 2016, 6, 113045-113052.	3.6	16
123	A novel strategy to achieve NaGd ₄ :Eu ³⁺ nanofibers with color-tunable luminescence and paramagnetic performance. <i>Journal of the American Ceramic Society</i> , 2017, 100, 2034-2044.	3.8	16
124	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.	3.6	16
125	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.	3.6	16
126	Rationally designed hierarchical porous CNFs/Co ₃ O ₄ nanofiber-based anode for realizing high lithium ion storage. <i>RSC Advances</i> , 2018, 8, 30794-30801.	3.6	16

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128	Fabrication and Upconversion Luminescent Properties of Er ³⁺ /Yb ³⁺ Codoped La ₂ O ₂ CN ₂ Nanofibers. <i>Journal of the American Ceramic Society</i> , 2015, 98, 1215-1222.	3.8	15
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134	Flexible Janus Nanofiber to Help Achieve Simultaneous Enhanced Magnetism-Upconversion Luminescence Bifunction. <i>IEEE Nanotechnology Magazine</i> , 2015, 14, 243-249.	2.0	14
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