

Xiangting Dong

List of Publications by Year in descending order

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320
papers

5,618
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109321

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#	ARTICLE	IF	CITATIONS
1	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
2	Janus nanobelts: fabrication, structure and enhanced magnetic@fluorescent bifunctional performance. <i>Nanoscale</i> , 2014, 6, 2945-2952.	5.6	112
3	Electrospinning preparation and properties of magnetic-photoluminescent bifunctional coaxial nanofibers. <i>Journal of Materials Chemistry</i> , 2012, 22, 14438.	6.7	88
4	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
5	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
6	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
7	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
8	Electrospinning fabrication of high-performance magnetic@photoluminescent bifunctional coaxial nanocables. <i>Chemical Engineering Journal</i> , 2013, 222, 16-22.	12.7	63
9	Synthesis of Y ₂ O ₃ :Eu ³⁺ luminescent nanobelts via electrospinning combined with sulfurization technique. <i>Journal of Materials Science</i> , 2013, 48, 644-650.	3.7	61
10	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
11	Highly sensitive H ₂ S sensors based on metal-organic framework driven $\hat{\Gamma}^3$ -Fe ₂ O ₃ on reduced graphene oxide composites at room temperature. <i>Sensors and Actuators B: Chemical</i> , 2020, 325, 128804.	7.8	61
12	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
13	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. <i>RSC Advances</i> , 2014, 4, 58708-58716.	3.6	59
14	Double anisotropic electrically conductive flexible Janus-typed membranes. <i>Nanoscale</i> , 2017, 9, 18918-18930.	5.6	59
15	High selectivity of Ag-doped Fe ₂ O ₃ hollow nanofibers in H ₂ S detection at room operating temperature. <i>Sensors and Actuators B: Chemical</i> , 2021, 341, 129919.	7.8	58
16	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.	4.0	57
17	Moisture resistance, luminescence enhancement, energy transfer and tunable color of novel core-shell structure BaGeF ₆ :Mn ⁴⁺ phosphor. <i>Chemical Engineering Journal</i> , 2020, 390, 124579.	12.7	52
18	Fabrication of Magnetic@Fluorescent Bifunctional Flexible Coaxial Nanobelts by Electrospinning Using a Modified Coaxial Spinneret. <i>ChemPlusChem</i> , 2014, 79, 290-297.	2.8	51

#	ARTICLE	IF	CITATIONS
19	Modification of indium oxide nanofibers by polyoxometalate electron acceptor doping for enhancement of gas sensing at room temperature. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130227.	7.8	51
20	Electrospinning fabrication and properties of Fe ₃ O ₄ /Eu(BA) ₃ phen/PMMA magnetic-photoluminescent bifunctional composite nanoribbons. <i>Optical Materials</i> , 2013, 35, 526-530.	3.6	49
21	Au Nanorods@NaGdF ₄ /Yb ³⁺ ,Er ³⁺ Multifunctional Hybrid Nanocomposites with Upconversion Luminescence, Magnetism, and Photothermal Property. <i>Journal of Physical Chemistry C</i> , 2015, 119, 18527-18536.	3.1	47
22	Flexible self-supporting bifunctional [TiO ₂ /C]//[Bi ₂ WO ₆ /C] carbon-based Janus nanofiber heterojunction photocatalysts for efficient hydrogen evolution and degradation of organic pollutant. <i>Journal of Alloys and Compounds</i> , 2020, 830, 154673.	5.5	47
23	Magnetic-upconversion luminescent bifunctional flexible coaxial nanoribbon and Janus nanoribbon: One-pot electrospinning preparation, structure and enhanced upconversion luminescent characteristics. <i>Chemical Engineering Journal</i> , 2015, 260, 222-230.	12.7	46
24	Simultaneous Visual Detection and Removal of Cu ²⁺ with Electrospun Self-Supporting Flexible Amidated Polyacrylonitrile/Branched Polyethyleneimine Nanofiber Membranes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 49288-49300.	8.0	46
25	Electrospinning preparation and properties of Fe ₃ O ₄ /Eu(BA) ₃ phen/PVP magnetic-photoluminescent bifunctional composite nanofibers. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	1.9	45
26	Synergistic stabilizing lithium sulfur battery via nanocoating polypyrrole on cobalt sulfide nanobox. <i>Journal of Power Sources</i> , 2018, 405, 51-60.	7.8	45
27	Femtosecond laser micro-nano processing for boosting bubble releasing of gas evolution reactions. <i>Nano Research</i> , 2022, 15, 1672-1679.	10.4	43
28	Flexible Janus nanofiber: A new tactics to realize tunable and enhanced magnetic-luminescent bifunction. <i>Chemical Engineering Journal</i> , 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. <i>RSC Advances</i> , 2015, 5, 97995-98003.	3.6	39
30	BaTiF ₆ :Mn ⁴⁺ bifunctional microstructures with photoluminescence and photocatalysis: hydrothermal synthesis and controlled morphology. <i>CrystEngComm</i> , 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. <i>RSC Advances</i> , 2017, 7, 33419-33425.	3.6	39
32	Preparation of Janus microfibers with magnetic and fluorescence functionality via conjugate electro-spinning. <i>Materials and Design</i> , 2019, 170, 107701.	7.0	39
33	Electrospinning preparation of LaOBr:Tb ³⁺ nanostructures and their photoluminescence properties. <i>Journal of Materials Science</i> , 2013, 48, 2557-2565.	3.7	36
34	Multicolor photoluminescence and energy transfer properties of dysprosium and europium-doped Gd ₂ O ₃ phosphors. <i>Journal of Alloys and Compounds</i> , 2015, 649, 96-103.	5.5	36
35	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
36	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

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37	Local structure modulation of Mn ⁴⁺ -doped Na ₂ Si _{1-y} Ge _y F ₆ red phosphors for enhancement of emission intensity, moisture resistance, thermal stability and application in warm pc-WLEDs. Dalton Transactions, 2020, 49, 13805-13817.	3.3	36
38	NaGdF ₄ :Dy ³⁺ nanofibers and nanobelts: facile construction technique, structure and bifunctionality of luminescence and enhanced paramagnetic performances. Physical Chemistry Chemical Physics, 2016, 18, 27536-27544.	2.8	35
39	Dual-mode, tunable color, enhanced upconversion luminescence and magnetism of multifunctional BaGdF ₅ :Ln ³⁺ (Ln = Yb/Er/Eu) nanophosphors. Physical Chemistry Chemical Physics, 2016, 18, 21518-21526.	2.8	34
40	Novel sandwich-structured composite pellicle displays high and tuned electrically conductive anisotropy, magnetism and photoluminescence. Chemical Engineering Journal, 2019, 361, 713-724.	12.7	34
41	Hydrothermal synthesis of narrow-band red emitting K ₂ NaAlF ₆ :Mn ⁴⁺ phosphor for warm-white LED applications. RSC Advances, 2017, 7, 45834-45842.	3.6	33
42	Three-dimensional MoO ₃ nanoflowers assembled with nanosheets for rhodamine B degradation under visible light. Materials Research Bulletin, 2018, 108, 38-45.	5.2	33
43	Electrospun TiO ₂ /SnO ₂ Janus nanofibers and its application in ethanol sensing. Materials Letters, 2020, 262, 127070.	2.6	33
44	Fabrication and luminescence properties of YF ₃ :Eu ³⁺ hollow nanofibers via coaxial electrospinning combined with fluorination technique. Journal of Materials Science, 2013, 48, 5930-5937.	3.7	31
45	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. RSC Advances, 2015, 5, 77866-77872.	3.6	31
46	Ultra-efficient room-temperature H ₂ S gas sensor based on NiCo ₂ O ₄ /r-GO nanocomposites. New Journal of Chemistry, 2019, 43, 10501-10508.	2.8	31
47	One-step hydrothermal synthesis of Ni-Co sulfide on Ni foam as a binder-free electrode for lithium-sulfur batteries. Journal of Colloid and Interface Science, 2020, 565, 378-387.	9.4	31
48	Multifunctional MWCNTs@NaGdF ₄ :Yb ³⁺ ,Er ³⁺ ,Eu ³⁺ hybrid nanocomposites with potential dual-mode luminescence, magnetism and photothermal properties. Physical Chemistry Chemical Physics, 2015, 17, 22659-22667.	2.8	30
49	Fabrication of Y ₂ O ₂ S:Eu ³⁺ hollow nanofibers by sulfurization of Y ₂ O ₃ :Eu ³⁺ hollow nanofibers. Journal of Materials Science: Materials in Electronics, 2015, 26, 677-684.	2.2	30
50	Synthesis of Fe ₂ O ₃ , Fe ₃ O ₄ and Fe ₂ N magnetic hollow nanofibers as anode materials for Li-ion batteries. RSC Advances, 2016, 6, 111447-111456.	3.6	30
51	Optical characteristics, morphology evolution and thermal stability of novel red-emitting Mn ⁴⁺ -activated K ₂ LiAl _{1-y} Ga _y F ₆ solid solution phosphors for high-performance warm WLED. Journal of Alloys and Compounds, 2020, 824, 153818.	5.5	30
52	Structural Phase Transition and Photoluminescence Properties of YF ₃ :Eu ³⁺ Nanocrystals under High Pressure. Journal of Physical Chemistry C, 2014, 118, 22739-22745.	3.1	29
53	Parallel spinnerets electrospinning fabrication of novel flexible luminescent@electrical@magnetic trifunctional bistrand-aligned nanobundles. Chemical Engineering Journal, 2014, 243, 500-508.	12.7	29
54	Eu ³⁺ /Tb ³⁺ doped cubic BaGdF ₅ multifunctional nanophosphors: Multicolor tunable luminescence, energy transfer and magnetic properties. Journal of Luminescence, 2017, 186, 6-15.	3.1	29

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55	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
56	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
57	Flexible Janus Nanofibers: Facile Electrospinning Construction and Enhanced Luminescent-Electrical-Magnetic Trifunctionality. <i>ChemPlusChem</i> , 2014, 79, 690-697.	2.8	28
58	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
59	Electrospun Flexible Coaxial Nanoribbons Endowed With Tuned and Simultaneous Fluorescent Color-Electricity-Magnetism Trifunctionality. <i>Scientific Reports</i> , 2015, 5, 14052.	3.3	28
60	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
61	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
62	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
63	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
64	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
65	A new tactic to achieve Y ₂ O ₂ S:Yb ³⁺ /Er ³⁺ up-conversion luminescent hollow nanofibers. <i>CrystEngComm</i> , 2015, 17, 2529-2535.	2.6	26
66	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
67	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
68	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
69	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
70	Electrospun Fe ₃ O ₄ /PVP//Tb(BA) ₃ phen/PVP magnetic-photoluminescent bifunctional bistrand aligned composite nanofibers bundles. <i>Journal of Materials Science</i> , 2013, 48, 5140-5147.	3.7	25
71	Electricity-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
72	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

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73	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
74	Extremely sensitive and accurate H ₂ S sensor at room temperature fabricated with In-doped Co ₃ O ₄ porous nanosheets. <i>Dalton Transactions</i> , 2019, 48, 7720-7727.	3.3	25
75	Investigating efficient energy transfer in novel strategy-obtained Gd ₂ O ₃ :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
76	Synthesis and luminescence properties of LaOCl: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
77	Flexible Tricolor Flag-like Microribbons Array with Enhanced Conductive Anisotropy and Multifunctionality. <i>Scientific Reports</i> , 2015, 5, 14583.	3.3	24
78	Reddish-orange-emitting and paramagnetic properties of GdVO ₄ :Sm ³⁺ /Eu ³⁺ multifunctional nanomaterials. <i>New Journal of Chemistry</i> , 2015, 39, 8282-8290.	2.8	24
79	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
80	Synthesis of eco-friendly porous g-C ₃ N ₄ /SiO ₂ /SnO ₂ composite with excellent visible-light responsive photocatalysis. <i>Arabian Journal of Chemistry</i> , 2020, 13, 4275-4285.	4.9	24
81	A nanostructured MoO ₂ /MoS ₂ /MoP heterojunction electrocatalyst for the hydrogen evolution reaction. <i>Nanotechnology</i> , 2020, 31, 225403.	2.6	24
82	Synthesis and upconversion luminescence properties of YF ₃ :Yb ³⁺ /Er ³⁺ hollow nanofibers derived from Y ₂ O ₃ :Yb ³⁺ /Er ³⁺ hollow nanofibers. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	1.9	23
83	Fabrication and luminescence of YF ₃ :Tb ³⁺ hollow nanofibers. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 3041-3048.	2.2	22
84	Doping Eu ³⁺ /Sm ³⁺ into CaWO ₄ :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
85	Electrospun Li ₄ Ti ₅ O ₁₂ /Li ₂ 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
86	Nanostructured CoO/NiO/CoNi anodes with tunable morphology for high performance lithium-ion batteries. <i>Dalton Transactions</i> , 2017, 46, 11031-11036.	3.3	22
87	Study on room temperature gas-sensing performance of CuO film-decorated ordered porous ZnO composite by In ₂ O ₃ sensitization. <i>Royal Society Open Science</i> , 2018, 5, 171788.	2.4	22
88	Multifunctional PVP-Ba ₂ GdF ₇ :Yb ³⁺ , Ho ³⁺ coated on Ag nanospheres for bioimaging and tumor photothermal therapy. <i>Applied Surface Science</i> , 2018, 458, 931-939.	6.1	22
89	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.	2.8	22
90	Electrospun polyfunctional conductive anisotropic Janus-shaped film, derivative 3D Janus tube and 3D plus 2D complete flag-shaped structures. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6565-6576.	5.5	22

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91	A novel strategy to directly fabricate flexible hollow nanofibers with tunable luminescenceâ€“electricityâ€“magnetism trifunctionality using one-pot electrospinning. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 22977-22984.	2.8	21
92	High electrochemical performance of nanoporous Fe ₃ O ₄ /CuO/Cu composites synthesized by dealloying Al-Cu-Fe quasicrystal. <i>Journal of Alloys and Compounds</i> , 2017, 729, 360-369.	5.5	21
93	Preparation and characterization of mesoporous g-C ₃ N ₄ /SiO ₂ material with enhanced photocatalytic activity. <i>Journal of Materials Research</i> , 2019, 34, 1785-1794.	2.6	21
94	Nobleâ€“metalâ€“free MOF Derived ZnS/CeO ₂ Decorated with CuS Cocatalyst Photocatalyst with Efficient Photocatalytic Hydrogen Production Character. <i>ChemCatChem</i> , 2020, 12, 5669-5678.	3.7	21
95	Controllable synthesis and luminescence property of LnPO ₄ (Ln=La, Gd, Y) nanocrystals. <i>Journal of Materials Science: Materials in Electronics</i> , 2010, 21, 38-44.	2.2	20
96	Structure Design and Performance of LiNi _x Co _y Mn _{1-x-y} O ₂ Cathode Materials for Lithium-ion Batteries: A Review. <i>Journal of the Chinese Chemical Society</i> , 2014, 61, 1071-1083.	1.4	20
97	Tuned magnetismâ€“luminescence bifunctionality simultaneously assembled into flexible Janus nanofiber. <i>RSC Advances</i> , 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. <i>Scripta Materialia</i> , 2017, 139, 30-33.	5.2	20
99	Novel synthetic strategy towards BaFCl and BaFCl:Eu ²⁺ nanofibers with photoluminescence properties. <i>Chemical Engineering Journal</i> , 2017, 310, 91-101.	12.7	20
100	A novel and facile approach to obtain NiO nanowire-in-nanotube structured nanofibers with enhanced photocatalysis. <i>RSC Advances</i> , 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. <i>Journal of Alloys and Compounds</i> , 2019, 810, 151889.	5.5	20
102	Design, preparation, and optical characteristics of novel red phosphors A ₂ NaInF ₆ :Mn ⁴⁺ (A = K and Tl). <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 1071-1083.	3.1	20
103	One-step, high-yield synthesis of g-C ₃ N ₄ nanosheets for enhanced visible light photocatalytic activity. <i>RSC Advances</i> , 2019, 9, 39304-39314.	3.6	20
104	Multifunctional β -NaGdF ₄ : Ln ³⁺ (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.	5.2	20
105	Coaxial electrospinning fabrication and electrochemical properties of LiFePO ₄ /C/Ag composite hollow nanofibers. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 4718-4724.	2.2	19
106	Synthesis and luminescence properties of Yb ³⁺ /Er ³⁺ co-doped LaOCl nanostructures. <i>Journal of Materials Science</i> , 2014, 49, 2919-2931.	3.7	19
107	Electrospinning fabrication and characterization of magnetic-upconversion fluorescent bifunctional coreâ€“shell nanofibers. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	19
108	Construction of Au@NaYF ₄ :Yb ³⁺ ,Er ³⁺ /Ho ³⁺ bifunctional hybrid nanocomposites with upconversion luminescence and photothermal properties. <i>RSC Advances</i> , 2014, 4, 62802-62808.	3.6	19

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109	Janus nanofiber: a new strategy to achieve simultaneous enhanced magnetic-photoluminescent bifunction. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 4024-4032.	2.2	19
110	Flexible ribbon-shaped coaxial electrical conductive nanocable array endowed with magnetism and photoluminescence. <i>RSC Advances</i> , 2015, 5, 2523-2530.	3.6	19
111	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
112	Enhanced NO _x gas sensing properties of Cr ₂ O ₃ film modified ordered porous ZnO gas sensors. <i>Solid State Ionics</i> , 2018, 326, 173-182.	2.7	19
113	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
114	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
115	Neoteric Conjugative Electrospinning towards Alloplastic Nanofiber Yarns Affording Enhanced Upconversion Luminescence and Tailored Magnetism. <i>ChemNanoMat</i> , 2020, 6, 298-307.	2.8	19
116	Construction, structure and photocatalysis of janus nanofiber modified by g-C ₃ N ₄ nanosheets heterostructure photocatalysts. <i>Ceramics International</i> , 2021, 47, 28848-28858.	4.8	19
117	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
118	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
119	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
120	A red-emitting Mn ⁴⁺ activated phosphor with controlled morphology and two-dimensional luminescence nanofiber film: Synthesis and application for high-performance warm white light-emitting diodes (WLEDs). <i>Journal of Alloys and Compounds</i> , 2019, 808, 151551.	5.5	18
121	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
122	Construction of order mesoporous (Eu ³⁺ /La)/ZnO composite material and its luminescent characters. <i>Journal of Luminescence</i> , 2016, 177, 409-415.	3.1	17
123	Enhanced NO _x Gas Sensing Properties of Ordered Mesoporous WO ₃ /ZnO Prepared by Electroless Plating. <i>Advanced Materials Interfaces</i> , 2018, 5, 1701167.	3.7	17
124	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
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