# Jinxian Wang

List of Publications by Year
in descending order

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|---|---|---|---|
| 265 papers | 5,614 citations | 101543 36 h-index | 155660 55 g-index |
| 267 all docs | 267 docs citations | 267 times ranked | 4724 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Decorating rare-earth fluoride upconversion nanoparticles on AuNRs@Ag coreâ€“shell structure for NIR light-mediated photothermal therapy and bioimaging. Journal of Rare Earths, 2022, 40, 193-200. | 4.8 | 7 |
| 2 | Eu3+ ions grafted polyacrylonitrile nanofibers possessing enhanced fluorescence performance by introducing benzoic acid as assistant ligand. Journal of Rare Earths, 2022, 40, 421-427. | 4.8 | 2 |
| 3 | Conjugative electrospinning towards Janus-type nanofibers array membrane concurrently displaying dual-functionality of improved red luminescence and tuneable superparamagnetism. Journal of Materials Science: Materials in Electronics, 2022, 33, 4438-4449. | 2.2 | 10 |
| 4 | Two steps synthesis of plum-shaped C@Ni/MnO nanofiber heterostructures for trapping and catalyzing polysulfides in lithium-sulfur batteries. Journal of Colloid and Interface Science, 2022, 613, 15-22. | 9.4 | 4 |
| 5 | NiCo2O4@PPy concurrently as cathode host material and interlayer for high-rate and long-cycle lithium sulfur batteries. Ceramics International, 2022, 48, 22287-22296. | 4.8 | 16 |
| 6 | A novel K3WO2F5Â·2H2O:Mn4+ phosphor with excellent hydrophobic stability by coating paraffin wax for the application of WLEDs. Journal of Alloys and Compounds, 2022, 918, 165522. | 5.5 | 8 |
| 7 | Flexible solar absorber using hydrophile/hydrophobe amphipathic Janus nanofiber as building unit for efficient vapor generation. Separation and Purification Technology, 2022, 297, 121526. | 7.9 | 11 |
| 8 | Electrospun light stimulus response-enhanced anisotropic conductive Janus membrane with up/down-conversion luminescence. Materials Chemistry Frontiers, 2022, 6, 2219-2232. | 5.9 | 10 |
| 9 | Enhanced fluorescence achieved by introducing benzoic acid as coligand onto Tb3+ grafted PAN nanofibers. Optical Materials, 2021, 111, 110619. | 3.6 | 5 |
| 10 | A neoteric approach to achieve CaF2:Eu2+/3+ one-dimensional nanostructures with direct white light emission and color-tuned photoluminescence. Journal of Alloys and Compounds, 2021, 851, 156784. | 5.5 | 10 |
| 11 | The strategies of boosting the performance of highly reversible zinc anodes in zinc-ion batteries: recent progress and future perspectives. Sustainable Energy and Fuels, 2021, 5, 332-350. | 4.9 | 29 |
| 12 | Flexible Nanobelts Array Film with Lightâ€Controllable Electrically Conductive Anisotropy. Macromolecular Materials and Engineering, 2021, 306, 2100052. | 3.6 | 3 |
| 13 | Flexible microfiber array film possessing light-activated conductive anisotropy. Materials Chemistry and Physics, 2021, 267, 124717. | 4.0 | 3 |
| 14 | Enhanced UVâ€“Visâ€“NIR composite photocatalysis of NaBiF4:Yb3+, Tm3+ upconversion nanoparticles loaded on Bi2WO6 microspheres. Journal of Solid State Chemistry, 2021, 300, 122248. | 2.9 | 12 |
| 15 | Porous Mo2C nanofibers with high conductivity as an efficient sulfur host for highly-stable lithium-sulfur batteries. Journal of Physics and Chemistry of Solids, 2021, 156, 110193. | 4.0 | 5 |
| 16 | Green synthesis, luminescent properties and application for WLED of flower-like K2LiAlF6:Mn4+ phosphor. Optical Materials, 2021, 119, 111392. | 3.6 | 14 |
| 17 | Electrospun polyfunctional switch-typed anisotropic photoconductive film endued with superparamagnetic-fluorescent performances. Applied Materials Today, 2021, 24, 101086. | 4.3 | 3 |
| 18 | White light emission and energy transfer mechanism of LaOCl:Tb3+/Sm3+ with 3D umbrella-like structure. Journal of Luminescence, 2021, 238, 118277. | 3.1 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Non-metal group doped g-C3N4 combining with BiF3:Yb3+, Er3+ upconversion nanoparticles for photocatalysis in UVâ€“Visâ€“NIR region. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2021, 627, 127180. | 4.7 | 12 |
| 20 | Novel photosensitive dual-anisotropic conductive Janus film endued with magnetic-luminescent properties and derivative 3D structures. Journal of Colloid and Interface Science, 2021, 601, 899-914. | 9.4 | 8 |
| 21 | Tricolor flag-shaped nanobelt array and derivant 3D structures display concurrent conductive anisotropy, up-conversion fluorescence and magnetism. Materials and Design, 2021, 211, 110121. | 7.0 | 4 |
| 22 | Twoâ€step solvothermal synthesis of high capacity LiNi 0 . 8 Co 0 . 15 Al 0 . 05 O 2 cathode for Liâ€ion batteries. Journal of the Chinese Chemical Society, 2021, 68, 849-857. | 1.4 | 2 |
| 23 | Suppressed energy transfer between different rare earth ions to obtain enhanced and tuned fluorescence by using Janus nanofibers. Journal of Materials Chemistry C, 2021, 9, 7615-7621. | 5.5 | 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. Dalton Transactions, 2021, 50, 17290-17300. | 3.3 | 17 |
| 25 | Co-precipitation synthesis, luminescent properties and application in warm WLEDs of Na3GaF6:Mn4+ red phosphor. Journal of Luminescence, 2020, 219, 116960. | 3.1 | 19 |
| 26 | 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 |
| 27 | Green route synthesis and optimized luminescence of K2SiF6:Mn4+ red phosphor for warm WLEDs. Optical Materials, 2020, 99, 109500. | 3.6 | 12 |
| 28 | Electrospun TiO2//SnO2 Janus nanofibers and its application in ethanol sensing. Materials Letters, 2020, 262, 127070. | 2.6 | 33 |
| 29 | Luminescence properties and energy transfer of Tb3+, Eu3+ co-doped YTaO4 phosphors obtained via solâ€“gel combustion process. Journal of Materials Science: Materials in Electronics, 2020, 31, 13688-13695. | 2.2 | 10 |
| 30 | 2D Dual Anisotropic Conductive Janus Nanostrips Array Pellicle and Derivative 3D Janusâ€structural Pipe Concurrently Endowed with Magnetism and Redâ€green Twoâ€colored Fluorescence. ChemNanoMat, 2020, 6, 1876-1892. | 2.8 | 5 |
| 31 | Synthesis and Ethanol Sensing Properties of SnO2 Nanoparticles in SnO2 Nanotubes Composite. Russian Journal of Physical Chemistry A, 2020, 94, 2306-2311. | 0.6 | 6 |
| 32 | Local structure modulation of Mn<sup>4+</sup>-doped Na<sub>2</sub>Si<sub>1â^'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. Dalton Transactions, 2020, 49, 13805-13817. | 3.3 | 36 |
| 33 | Hydrothermal synthesis of rodâ€like CoMoO 4 and its excellent properties for the anode of lithiumâ€ion batteries. Journal of the Chinese Chemical Society, 2020, 67, 2012-2018. | 1.4 | 3 |
| 34 | 2D Janus membrane and derivative 3D dual-wall Janus shaped tube affording dual aeolotropic conduction, up/down conversion luminescence and superparamagnetism. Materials Today Communications, 2020, 24, 101235. | 1.9 | 3 |
| 35 | Preparation of hierarchical LiNi x Co y Mn z O 2 from solvothermal [ Ni x Co y Mn z ]( OH ) 2 via regulating the ratio of Ni, Co, and Mn and its excellent properties for lithiumâ€ion battery ca. Journal of the Chinese Chemical Society, 2020, 67, 2062-2070. | 1.4 | 5 |
| 36 | Electrospinning-based construction of porous Mn<sub>3</sub>O<sub>4</sub>/CNFs as anodes for high-performance lithium-ion batteries. New Journal of Chemistry, 2020, 44, 3888-3895. | 2.8 | 6 |

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|---|---|---|---|
| 37 | NaGdF4:Ln3+ (Ln=Dy, Sm) phosphors: Luminescence, energy transfer, tunable color and magnetic properties. Journal of Luminescence, 2020, 222, 117155. | 3.1 | 19 |
| 38 | Multiple anisotropic conductions, up/down conversion luminescence and magnetism assembled into 2D step-like Janus array film. Journal Physics D: Applied Physics, 2020, 53, 145301. | 2.8 | 2 |
| 39 | Construction, energy transfer, tunable multicolor and luminescence enhancement of YF3:RE3+(RE=Eu,) Tj ETQq1 1 0.784314 rgBT /O | 3.1 | 27 |
| 40 | Green route, room-temperature synthesis and luminescence properties of a non-rare-earth doping Zn2+ based narrow-band red phosphor for WLEDs. Journal of Luminescence, 2019, 216, 116695. | 3.1 | 15 |
| 41 | Synthesis and multicolor luminescence of Tb3+ and Sm3+ co-doped LiGd(MoO4)2 phosphor. Journal of Materials Science: Materials in Electronics, 2019, 30, 16376-16383. | 2.2 | 3 |
| 42 | Utilizing modules of different functions to construct a Janus-type membrane and derivative 3D Janus-type tube displaying synchronous trifunction of conductive aeolotropism, magnetism and luminescence. Nanotechnology, 2019, 30, 435602. | 2.6 | 7 |
| 43 | Modularization design philosophy for multifunctional materials: a case study of a Janus film affording concurrent electrically conductive anisotropic-magnetic-fluorescent multifunctionality. Journal of Materials Chemistry C, 2019, 7, 9075-9086. | 5.5 | 27 |
| 44 | Construction of LiMn2O4 microcubes and spheres via the control of the (104) crystal planes of MnCO3 for high rate Li-ions batteries. RSC Advances, 2019, 9, 21009-21017. | 3.6 | 15 |
| 45 | A versatile nitrogen-doped carbon coating strategy to improve the electrochemical performance of LiFePO4 cathodes for lithium-ion batteries. Journal of Alloys and Compounds, 2019, 810, 151889. | 5.5 | 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). Dalton Transactions, 2019, 48, 1376-1385. | 3.3 | 26 |
| 47 | Janus nanofiber array pellicle: facile conjugate electrospinning construction, structure and bifunctionality of enhanced green fluorescence and adjustable magnetism. RSC Advances, 2019, 9, 206-214. | 3.6 | 18 |
| 48 | Multifunctional Ag@NaGdF4:Yb3+, Er3+ core-shell nanocomposites for dual-mode imaging and photothermal therapy. Journal of Luminescence, 2019, 209, 357-364. | 3.1 | 17 |
| 49 | A Novel Strategy to Fabricate CuS, Cu7.2S4, and Cu2Ââ€“ÂxSe Nanofibers via Inheriting the Morphology of Electrospun CuO Nanofibers. Russian Journal of Physical Chemistry A, 2019, 93, 730-735. | 0.6 | 2 |
| 50 | Electrochemical Characteristics of Li4Ti5O12/Ag Composite Nanobelts Prepared via Electrospinning. Russian Journal of Physical Chemistry A, 2019, 93, 144-150. | 0.6 | 6 |
| 51 | Assembling 1D and Janus Nanobelts into 2D Aeolotropic Conductive Janus Membranes and 3D Doubleâ€Walled Janus Tubes. ChemNanoMat, 2019, 5, 820-830. | 2.8 | 11 |
| 52 | 3D nitrogen-doped hierarchical porous carbon framework for protecting sulfur cathode in lithiumâ€“sulfur batteries. New Journal of Chemistry, 2019, 43, 9641-9651. | 2.8 | 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. Dalton Transactions, 2019, 48, 7720-7727. | 3.3 | 25 |
| 54 | Flexible sandwich-shaped composite film with simultaneous double electrically conductive anisotropy, magnetism and dual-color fluorescence. New Journal of Chemistry, 2019, 43, 7984-7996. | 2.8 | 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. RSC Advances, 2019, 9, 10679-10692. | 3.6 | 17 |
| 56 | Preparation of Janus microfibers with magnetic and fluorescence functionality via conjugate electro-spinning. Materials and Design, 2019, 170, 107701. | 7.0 | 39 |
| 57 | A neoteric sandwich-configurational composite film offering synchronous conductive aeolotropy, superparamagnetism and dual-color fluorescence. Nanoscale Advances, 2019, 1, 1497-1509. | 4.6 | 7 |
| 58 | Anisotropic Conductive Membrane with Superparamagnetism and Color-Tunable Luminescence. Russian Journal of Physical Chemistry A, 2019, 93, 2444-2451. | 0.6 | 4 |
| 59 | Room-temperature synthesis, optimized photoluminescence and warm-white LED application of a highly efficient non-rare-earth red phosphor. Journal of Alloys and Compounds, 2019, 775, 1365-1375. | 5.5 | 28 |
| 60 | 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 |
| 61 | Employing novel Janus nanobelts to achieve anisotropic conductive array pellicle functionalized by superparamagnetism and green fluorescence. Journal of Materials Science: Materials in Electronics, 2019, 30, 4219-4230. | 2.2 | 1 |
| 62 | Conjugate Electrospinning Construction of Microyarns with Synchronous Color-Tuned Photoluminescence and Tunable Electrical Conductivity. Journal of Electronic Materials, 2019, 48, 1511-1521. | 2.2 | 3 |
| 63 | Multifunctional Î²-NaGdF4: Ln3+ (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 |
| 64 | Investigating efficient energy transfer in novel strategy-obtained Gd2O2S:Dy3+, Eu3+ nanofibers endowed with white emitting and magnetic dual-functionality. Journal of Luminescence, 2019, 206, 509-517. | 3.1 | 25 |
| 65 | Dandelion Derived Nitrogen-Doped Hollow Carbon Host for Encapsulating Sulfur in Lithium Sulfur Battery. ACS Sustainable Chemistry and Engineering, 2019, 7, 3042-3051. | 6.7 | 71 |
| 66 | Electrospinning assembly of 1D peculiar Janus nanofiber into 2D anisotropic electrically conductive array membrane synchronously endued with tuned superparamagnetism and color-tunable luminescence. Journal of Materials Science: Materials in Electronics, 2018, 29, 10284-10300. | 2.2 | 11 |
| 67 | Enhancement of electrochemical properties of niobiumâ€doped LiFePO<sub>4</sub>/C synthesized by solâ€“gel method. Journal of the Chinese Chemical Society, 2018, 65, 977-981. | 1.4 | 7 |
| 68 | Peculiarly Structured Janus Nanofibers Display Synchronous and Tuned Trifunctionality of Enhanced Luminescence, Electrical Conduction, and Superparamagnetism. ChemPlusChem, 2018, 83, 108-116. | 2.8 | 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. RSC Advances, 2018, 8, 4112-4118. | 3.6 | 12 |
| 70 | Flexible special-structured Janus nanofiber synchronously endued with tunable trifunctionality of enhanced photoluminescence, electrical conductivity and superparamagnetism. Journal of Materials Science: Materials in Electronics, 2018, 29, 7119-7129. | 2.2 | 13 |
| 71 | Realizing white light emitting in single phased LaOCl based on energy transfer from Tm3+ to Eu3+. Ceramics International, 2018, 44, 6754-6761. | 4.8 | 9 |
| 72 | 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 |

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|---|---|---|---|
| 73 | Impact of CTAB on morphology and electrochemical performance of MoS2 nanoflowers with improved lithium storage properties. Journal of Materials Science: Materials in Electronics, 2018, 29, 3631-3639. | 2.2 | 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>. CrystEngComm, 2018, 20, 2183-2192. | 2.6 | 18 |
| 75 | Integrating photoluminescence, magnetism and thermal conversion for potential photothermal therapy and dual-modal bioimaging. Journal of Colloid and Interface Science, 2018, 510, 292-301. | 9.4 | 25 |
| 76 | Conjugate electrospinning-fabricated nanofiber yarns simultaneously endowed with bifunctionality of magnetism and enhanced fluorescence. Journal of Materials Science, 2018, 53, 2290-2302. | 3.7 | 27 |
| 77 | Assembling exceptionally-structured Janus nanoribbons into a highly anisotropic electrically conductive array film that exhibits red fluorescence and superparamagnetism. New Journal of Chemistry, 2018, 42, 18708-18716. | 2.8 | 12 |
| 78 | Controllable synthesis of nanostructured ZnCo<sub>2</sub>O<sub>4</sub> as high-performance anode materials for lithium-ion batteries. RSC Advances, 2018, 8, 39377-39383. | 3.6 | 9 |
| 79 | Electrospinning Construction of Flexible Composite Nanoribbons with Color-Tunable Fluorescence. Russian Journal of Physical Chemistry A, 2018, 92, 2257-2264. | 0.6 | 2 |
| 80 | Synergistic stabilizing lithium sulfur battery via nanocoating polypyrrole on cobalt sulfide nanobox. Journal of Power Sources, 2018, 405, 51-60. | 7.8 | 45 |
| 81 | Using special Janus nanobelt as constitutional unit to construct anisotropic conductive array membrane for concurrently affording color-tunable luminescence and superparamagnetism. RSC Advances, 2018, 8, 31608-31617. | 3.6 | 16 |
| 82 | Structure, Morphology, and Composition of Mn3N2/MnO/C Composite Anode Materials for Li-Ion Batteries. Russian Journal of Physical Chemistry A, 2018, 92, 1823-1829. | 0.6 | 3 |
| 83 | Rationally designed hierarchical porous CNFs/Co3O4 nanofiber-based anode for realizing high lithium ion storage. RSC Advances, 2018, 8, 30794-30801. | 3.6 | 16 |
| 84 | High performance Co3O4/Li2TiO3 composite hollow nanofibers as anode material for Li-ion batteries. Journal of Materials Science: Materials in Electronics, 2018, 29, 14222-14231. | 2.2 | 3 |
| 85 | Multifunctional PVP-Ba2GdF7:Yb3+, Ho3+ coated on Ag nanospheres for bioimaging and tumor photothermal therapy. Applied Surface Science, 2018, 458, 931-939. | 6.1 | 22 |
| 86 | 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 |
| 87 | Facile synthesis of Fe3O4/NiFe2O4 nanosheets with enhanced Lithium-ion storage by one-step chemical dealloying. Journal of Materials Science, 2018, 53, 15631-15642. | 3.7 | 27 |
| 88 | Facile synthesis of three-dimensional hierarchical NiO microflowers for efficient room temperature H2S gas sensor. Journal of Materials Science: Materials in Electronics, 2018, 29, 4624-4631. | 2.2 | 28 |
| 89 | Novel double anisotropic conductive flexible composite film endued with improved luminescence. RSC Advances, 2018, 8, 22887-22896. | 3.6 | 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. RSC Advances, 2017, 7, 6309-6314. | 3.6 | 7 |

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|---|---|---|---|
| 91 | 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 |
| 92 | A novel strategy to achieve NaGdF<sub>4</sub>:Eu<sup>3+</sup> nanofibers with colorâ€tailorable luminescence and paramagnetic performance. Journal of the American Ceramic Society, 2017, 100, 2034-2044. | 3.8 | 16 |
| 93 | Electrospun Li4Ti5O12/Li2TiO3 composite nanofibers for enhanced high-rate lithium ion batteries. Journal of Solid State Electrochemistry, 2017, 21, 2779-2790. | 2.5 | 22 |
| 94 | Dual-mode blue emission, enhanced up-conversion luminescence and paramagnetic properties of ytterbium and thulium-doped Ba 2 GdF 7 multifunctional nanophosphors. Journal of Colloid and Interface Science, 2017, 501, 215-221. | 9.4 | 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. Physical Chemistry Chemical Physics, 2017, 19, 118-126. | 2.8 | 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. New Journal of Chemistry, 2017, 41, 7517-7523. | 2.8 | 26 |
| 97 | Fabrication of Ce2S3/MoS2 composites via recrystallization-sulfurization method and their improved electrochemical performance for lithium-ion batteries. Journal of Materials Science: Materials in Electronics, 2017, 28, 12297-12305. | 2.2 | 5 |
| 98 | Electrospinning preparation and photoluminescence properties of Y3Al5O12:Ce3+, Tb3+ nanobelts. Journal of Materials Science: Materials in Electronics, 2017, 28, 4498-4505. | 2.2 | 2 |
| 99 | Electrospun Li3V2(PO4)3Nanobelts: Synthesis and Electrochemical Properties as Cathode Materials of Lithium-Ion Batteries. Journal of the Chinese Chemical Society, 2017, 64, 557-564. | 1.4 | 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. New Journal of Chemistry, 2017, 41, 1609-1617. | 2.8 | 18 |
| 101 | High electrochemical performance of nanoporous Fe3O4/CuO/Cu composites synthesized by dealloying Al-Cu-Fe quasicrystal. Journal of Alloys and Compounds, 2017, 729, 360-369. | 5.5 | 21 |
| 102 | Emerging La2O2CN2 matrix with controllable 3D morphology for photoluminescence applications. CrystEngComm, 2017, 19, 6498-6505. | 2.6 | 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. RSC Advances, 2017, 7, 45834-45842. | 3.6 | 33 |
| 104 | Dual-mode blue emission, paramagnetic properties of Yb3+â€“Tm3+ co-doped GdOCl difunctional nanostructures. Journal of Materials Science: Materials in Electronics, 2017, 28, 19038-19050. | 2.2 | 3 |
| 105 | Novel nanofiber yarns synchronously endued with tri-functional performance of superparamagnetism, electrical conductivity and enhanced fluorescence prepared by conjugate electrospinning. RSC Advances, 2017, 7, 48702-48711. | 3.6 | 16 |
| 106 | Assembly of 1D coaxial nanoribbons into 2D multicolor luminescence array membrane endowed with tunable anisotropic electrical conductivity and magnetism via electrospinning. RSC Advances, 2017, 7, 32850-32860. | 3.6 | 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. RSC Advances, 2017, 7, 33419-33425. | 3.6 | 39 |
| 108 | La2O2CN2:Yb3+/Tm3+ nanofibers and nanobelts: novel fabrication technique, structure and upconversion luminescence. Journal of Materials Science: Materials in Electronics, 2017, 28, 16282-16291. | 2.2 | 2 |

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|---|---|---|---|
| 109 | A potential single-component white-light-emitting phosphor CaMoO4:La3+,Dy3+: hydrothermal synthesis, luminescence properties and energy transfer. Journal of Materials Science: Materials in Electronics, 2017, 28, 16519-16526. | 2.2 | 11 |
| 110 | Novel flexible coaxial nanoribbons arrays to help achieve tuned and enhanced simultaneous multicolor luminescenceâ€“electricityâ€“magnetism trifunctionality. Journal of Materials Science: Materials in Electronics, 2017, 28, 16762-16775. | 2.2 | 1 |
| 111 | Double anisotropic electrically conductive flexible Janus-typed membranes. Nanoscale, 2017, 9, 18918-18930. | 5.6 | 59 |
| 112 | An electrospun flexible Janus nanoribbon array endowed with simultaneously tuned trifunctionality of electrically conductive anisotropy, photoluminescence and magnetism. New Journal of Chemistry, 2017, 41, 13983-13992. | 2.8 | 19 |
| 113 | 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 |
| 114 | Nanostructured CoO/NiO/CoNi anodes with tunable morphology for high performance lithium-ion batteries. Dalton Transactions, 2017, 46, 11031-11036. | 3.3 | 22 |
| 115 | Novel synthetic strategy towards BaFCl and BaFCl:Eu2+ nanofibers with photoluminescence properties. Chemical Engineering Journal, 2017, 310, 91-101. | 12.7 | 20 |
| 116 | Bi2MoO6/RGO composite nanofibers: facile electrospinning fabrication, structure, and significantly improved photocatalytic water splitting activity. Journal of Materials Science: Materials in Electronics, 2017, 28, 543-552. | 2.2 | 26 |
| 117 | Dy 3+ and Eu 3+ Co-doped NaGdF 4 nanofibers endowed with bifunctionality of tunable multicolor luminescence and paramagnetic properties. Chemical Engineering Journal, 2017, 309, 230-239. | 12.7 | 64 |
| 118 | Synthesis, Characterization and Photocatalytic Performance of SnS Nanofibers and SnSe Nanofibers Derived from the Electrospinning-made SnO2 Nanofibers. Materials Research, 2017, 20, 1748-1755. | 1.3 | 15 |
| 119 | Single Flexible Nanofiber to Simultaneously Realize Electricity-Magnetism Bifunctionality. Materials Research, 2016, 19, 308-313. | 1.3 | 7 |
| 120 | Hydrothermal synthesis, multicolor tunable luminescence and energy transfer of Eu3+ or/and Tb3+ activated NaY(WO4)2 nanophosphors. Journal of Materials Science: Materials in Electronics, 2016, 27, 10780-10790. | 2.2 | 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. Physical Chemistry Chemical Physics, 2016, 18, 21518-21526. | 2.8 | 34 |
| 122 | Fabrication of novel Ba4Y3F17:Er3+ nanofibers with upconversion fluorescence via combination of electrospinning with fluorination. Journal of Materials Science: Materials in Electronics, 2016, 27, 11666-11673. | 2.2 | 8 |
| 123 | Tunable multicolor luminescence and white light emission realized in Eu<sup>3+</sup> mono-activated GdF<sub>3</sub> nanofibers with paramagnetic performance. RSC Advances, 2016, 6, 113045-113052. | 3.6 | 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. RSC Advances, 2016, 6, 37085-37092. | 3.6 | 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. RSC Advances, 2016, 6, 26239-26246. | 3.6 | 22 |
| 126 | Flexible Janus nanoribbons to help obtain simultaneous color-tunable enhanced photoluminescence, magnetism and electrical conduction trifunctionality. RSC Advances, 2016, 6, 36180-36191. | 3.6 | 11 |

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|---|---|---|---|
| 127 | NaGdF<sub>4</sub>:Dy<sup>3+</sup> 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 |
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