Dan Li

List of Publications by Citations

193 papers	29,932 citations	61 h-index	172 g-index
198 ext. papers	31,959 ext. citations	8 avg, IF	7.38 L-index

#	Paper	IF	Citations
193	Processable aqueous dispersions of graphene nanosheets. *Nature Nanotechnology*, **2008**, 3, 101-5	28.7	7729
192	Mechanically Strong, Electrically Conductive, and Biocompatible Graphene Paper. *Advanced Materials*, **2008**, 20, 3557-3561	24	1665
191	Liquid-mediated dense integration of graphene materials for compact capacitive energy storage. *Science*, **2013**, 341, 534-7	33.3	1473
190	Materials science. Graphene-based materials. *Science*, **2008**, 320, 1170-1	33.3	1257
189	Electrospinning of Polymeric and Ceramic Nanofibers as Uniaxially Aligned Arrays. *Nano Letters*, **2003**, 3, 1167-1171	11.5	1256
188	Fabrication of Titania Nanofibers by Electrospinning. *Nano Letters*, **2003**, 3, 555-560	11.5	1090
187	Direct Fabrication of Composite and Ceramic Hollow Nanofibers by Electrospinning. *Nano Letters*, **2004**, 4, 933-938	11.5	1049
186	Biomimetic superelastic graphene-based cellular monoliths. *Nature Communications*, **2012**, 3, 1241	17.4	933
185	Bioinspired effective prevention of restacking in multilayered graphene films: towards the next generation of high-performance supercapacitors. *Advanced Materials*, **2011**, 23, 2833-8	24	888
184	Polyaniline nanofibers: a unique polymer nanostructure for versatile applications. *Accounts of Chemical Research*, **2009**, 42, 135-45	24.3	832
183	Electrochemical Properties of Graphene Paper Electrodes Used in Lithium Batteries. *Chemistry of Materials*, **2009**, 21, 2604-2606	9.6	514
182	Shape and aggregation control of nanoparticles: not shaken, not stirred. *Journal of the American Chemical Society*, **2006**, 128, 968-75	16.4	437
181	One-Dimensional Conducting Polymer Nanostructures: Bulk Synthesis and Applications. *Advanced Materials*, **2009**, 21, 1487-1499	24	422
180	Mechanical properties and microstructure of a graphene oxide□cement composite. *Cement and Concrete Composites*, **2015**, 58, 140-147	8.6	416
179	Electrospinning: A Simple and Versatile Technique for Producing Ceramic Nanofibers and Nanotubes. *Journal of the American Ceramic Society*, **2006**, 89, 1861-1869	3.8	400
178	Graphene/Polyaniline Nanocomposite for Hydrogen Sensing. *Journal of Physical Chemistry C*, **2010**, 114, 16168-16173	3.8	387
177	Electrospinning of nanofibers with core-sheath, hollow, or porous structures. *Journal of Materials Chemistry*, **2005**, 15, 735		359

176	Collecting electrospun nanofibers with patterned electrodes. *Nano Letters*, **2005**, 5, 913-6	11.5	343
175	Dispersing carbon nanotubes with graphene oxide in water and synergistic effects between graphene derivatives. *Chemistry - A European Journal*, **2010**, 16, 10653-8	4.8	327
174	Controllable corrugation of chemically converted graphene sheets in water and potential application for nanofiltration. *Chemical Communications*, **2011**, 47, 5810-2	5.8	277
173	Ordered gelation of chemically converted graphene for next-generation electroconductive hydrogel films. *Angewandte Chemie - International Edition*, **2011**, 50, 7325-8	16.4	260
172	V2O5 nanorods on TiO2 nanofibers: a new class of hierarchical nanostructures enabled by electrospinning and calcination. *Nano Letters*, **2006**, 6, 1297-302	11.5	259
171	Use of electrospinning to directly fabricate hollow nanofibers with functionalized inner and outer surfaces. *Small*, **2005**, 1, 83-6	11	237
170	Reinforcing Effects of Graphene Oxide on Portland Cement Paste. *Journal of Materials in Civil Engineering*, **2015**, 27,	3	214
169	Electrospun Nanofibers of Blends of Conjugated Polymers: Morphology, Optical Properties, and Field-Effect Transistors. *Macromolecules*, **2005**, 38, 4705-4711	5.5	213
168	Magnetic nanofibers of nickel ferrite prepared by electrospinning. *Applied Physics Letters*, **2003**, 83, 4586-4588	3.4	212
167	Scalable production of graphene via wet chemistry: progress and challenges. *Materials Today*, **2015**, 18, 73-78	21.8	209
166	Highly dispersed CuO nanoparticles prepared by a novel quick-precipitation method. *Materials Letters*, **2004**, 58, 3324-3327	3.3	207
165	Thermosensitive graphene nanocomposites formed using pyrene-terminal polymers made by RAFT polymerization. *Journal of Polymer Science Part A*, **2010**, 48, 425-433	2.5	193
164	Solvated graphenes: an emerging class of functional soft materials. *Advanced Materials*, **2013**, 25, 13-30	24	192
163	Fabrication and characterization of polyaniline-based gas sensor by ultra-thin film technology. *Sensors and Actuators B: Chemical*, **2002**, 81, 158-164	8.5	192
162	Bio-inspired two-dimensional nanofluidic generators based on a layered graphene hydrogel membrane. *Advanced Materials*, **2013**, 25, 6064-8	24	191
161	Gold nanoparticle-paper as a three-dimensional surface enhanced Raman scattering substrate. *Langmuir*, **2012**, 28, 8782-90	4	190
160	Synthesis, characterization, and multilayer assembly of pH sensitive graphene-polymer nanocomposites. *Langmuir*, **2010**, 26, 10068-75	4	183
159	Revisiting the capacitance of polyaniline by using graphene hydrogel films as a substrate: the importance of nano-architecturing. *Energy and Environmental Science*, **2013**, 6, 477-481	35.4	178

158	Direct electro-deposition of graphene from aqueous suspensions. *Physical Chemistry Chemical Physics*, **2011**, 13, 9187-93	3.6	172
157	Ion transport in complex layered graphene-based membranes with tuneable interlayer spacing. *Science Advances*, **2016**, 2, e1501272	14.3	167
156	Mechanically robust, electrically conductive and stimuli-responsive binary network hydrogels enabled by superelastic graphene aerogels. *Advanced Materials*, **2014**, 26, 3333-7	24	157
155	Robust Vacuum-/Air-Dried Graphene Aerogels and Fast Recoverable Shape-Memory Hybrid Foams. *Advanced Materials*, **2016**, 28, 1510-6	24	154
154	In situ synthesis and properties of reduced graphene oxide/Bi nanocomposites: as an electroactive material for analysis of heavy metals. *Biosensors and Bioelectronics*, **2013**, 43, 293-6	11.8	144
153	Ultrafast Dynamic Piezoresistive Response of Graphene-Based Cellular Elastomers. *Advanced Materials*, **2016**, 28, 194-200	24	142
152	Paper surfaces functionalized by nanoparticles. *Advances in Colloid and Interface Science*, **2011**, 163, 23-38	14.3	141
151	Comparative studies on electrochemical activity of graphene nanosheets and carbon nanotubes. *Electrochemistry Communications*, **2009**, 11, 1892-1895	5.1	135
150	Processable stabilizer-free polyaniline nanofiber aqueous colloids. *Chemical Communications*, **2005**, 3286-8	5.8	134
149	Low-voltage electrostatic modulation of ion diffusion through layered graphene-based nanoporous membranes. *Nature Nanotechnology*, **2018**, 13, 685-690	28.7	134
148	Photocatalytic deposition of gold nanoparticles on electrospun nanofibers of titania. *Chemical Physics Letters*, **2004**, 394, 387-391	2.5	123
147	Rapid Synthesis of Nanocrystalline TiO2/SnO2 Binary Oxides and Their Photoinduced Decomposition of Methyl Orange. *Journal of Solid State Chemistry*, **2002**, 165, 193-198	3.3	115
146	Multilayered Graphene Hydrogel Membranes for Guided Bone Regeneration. *Advanced Materials*, **2016**, 28, 4025-31	24	104
145	Direct fabrication of enzyme-carrying polymer nanofibers by electrospinning. *Journal of Materials Chemistry*, **2005**, 15, 3241		102
144	Self-Supporting Graphene Hydrogel Film as an Experimental Platform to Evaluate the Potential of Graphene for Bone Regeneration. *Advanced Functional Materials*, **2013**, 23, 3494-3502	15.6	100
143	Significantly enhanced water flux in forward osmosis desalination with polymer-graphene composite hydrogels as a draw agent. *RSC Advances*, **2013**, 3, 887-894	3.7	85
142	Preparation and performance of high-impact polystyrene (HIPS)/nano-TiO2 nanocomposites. *Journal of Applied Polymer Science*, **2003**, 87, 381-385	2.9	83
141	Nonlinear Optical Transmission of Nanographene and Its Composites. *Journal of Physical Chemistry C*, **2010**, 114, 12517-12523	3.8	80

140	High-Rate and High-Volumetric Capacitance of Compact Graphene–Polyaniline Hydrogel Electrodes. *Advanced Energy Materials*, **2016**, 6, 1600185	21.8	79
139	Electrospinning of polycrystalline barium titanate nanofibers with controllable morphology and alignment. *Chemical Physics Letters*, **2006**, 424, 162-166	2.5	75
138	Method to impart electro- and biofunctionality to neural scaffolds using graphene-polyelectrolyte multilayers. *ACS Applied Materials & Interfaces*, **2012**, 4, 4524-31	9.5	74
137	How nucleation affects the aggregation of nanoparticles. *Journal of Materials Chemistry*, **2007**, 17, 2279		72
136	Mechanically-Assisted Electrochemical Production of Graphene Oxide. *Chemistry of Materials*, **2016**, 28, 8429-8438	9.6	67
135	Graphene-Directed Supramolecular Assembly of Multifunctional Polymer Hydrogel Membranes. *Advanced Functional Materials*, **2015**, 25, 126-133	15.6	62
134	Interfacing colloidal graphene oxide sheets with gold nanoparticles. *Chemistry - A European Journal*, **2011**, 17, 5958-64	4.8	61
133	Graphene Functionalized Scaffolds Reduce the Inflammatory Response and Supports Endogenous Neuroblast Migration when Implanted in the Adult Brain. *PLoS ONE*, **2016**, 11, e0151589	3.7	61
132	Molecular dynamics simulations of the electric double layer capacitance of graphene electrodes in mono-valent aqueous electrolytes. *Nano Research*, **2016**, 9, 174-186	10	58
131	Self-assembly of polyaniline ultrathin films based on doping-induced deposition effect and applications for chemical sensors. *Sensors and Actuators B: Chemical*, **2000**, 66, 125-127	8.5	54
130	Effect of cationic polyacrylamides on the aggregation and SERS performance of gold nanoparticles-treated paper. *Journal of Colloid and Interface Science*, **2013**, 392, 237-246	9.3	52
129	Dandelion Derived Nitrogen-Doped Hollow Carbon Host for Encapsulating Sulfur in Lithium Sulfur Battery. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 3042-3051	8.3	52
128	A facile method for preparation of graphene film electrodes with tailor-made dimensions with Vaseline as the insulating binder. *Electrochemistry Communications*, **2009**, 11, 1912-1915	5.1	50
127	Facile electrochemical approach for the production of graphite oxide with tunable chemistry. *Carbon*, **2017**, 112, 185-191	10.4	48
126	Novel composite graphene/platinum electro-catalytic electrodes prepared by electrophoretic deposition from colloidal solutions. *Electrochimica Acta*, **2012**, 60, 213-223	6.7	44
125	Capillary zone electrophoresis of graphene oxide and chemically converted graphene. *Journal of Chromatography A*, **2010**, 1217, 7593-7	4.5	44
124	Study on the synthesis and ion-exchange properties of layered titanate Na2Ti3O7 powders with different sizes. *Journal of Materials Science*, **2003**, 38, 2907-2911	4.3	36
123	On-chip energy storage integrated with solar cells using a laser scribed graphene oxide film. *Applied Physics Letters*, **2015**, 107, 031105	3.4	35

122	Growth of zeolite crystals with graphene oxide nanosheets. *Chemical Communications*, **2012**, 48, 2249-51	5.8	34
121	Graphene/titanium carbide composites prepared by sol–gel infiltration and spark plasma sintering. *Ceramics International*, **2016**, 42, 122-131	5.1	33
120	Giant third-order nonlinearity from low-loss electrochemical graphene oxide film with a high power stability. *Applied Physics Letters*, **2016**, 109, 221105	3.4	33
119	Novel Electrospun Dual-Layered Composite Nanofibrous Membrane Endowed with Electricity-Magnetism Bifunctionality at One Layer and Photoluminescence at the Other Layer. *ACS Applied Materials & Interfaces*, **2016**, 8, 26226-26234	9.5	32
118	Enhanced optical nonlinearities of hybrid graphene oxide films functionalized with gold nanoparticles. *Applied Physics Letters*, **2015**, 107, 031112	3.4	30
117	Solvation-Involved Nanoionics: New Opportunities from 2D Nanomaterial Laminar Membranes. *Advanced Materials*, **2020**, 32, e1904562	24	30
116	Multifunctional Cellular Materials Based on 2D Nanomaterials: Prospects and Challenges. *Advanced Materials*, **2018**, 30, 1704850	24	30
115	Hydrothermal synthesis of narrow-band red emitting K2NaAlF6:Mn4+ phosphor for warm-white LED applications. *RSC Advances*, **2017**, 7, 45834-45842	3.7	29
114	Fabrication and luminescence properties of YF3:Eu3+ hollow nanofibers via coaxial electrospinning combined with fluorination technique. *Journal of Materials Science*, **2013**, 48, 5930-5937	4.3	29
113	Tuning Rheological Performance of Silica Concentrated Shear Thickening Fluid by Using Graphene Oxide. *Advances in Condensed Matter Physics*, **2015**, 2015, 1-5	1	29
112	Fabrication of self-assembled polyaniline films by doping-induced deposition. *Thin Solid Films*, **2000**, 360, 24-27	2.2	29
111	NaGdF:Dy nanofibers and nanobelts: facile construction technique, structure and bifunctionality of luminescence and enhanced paramagnetic performances. *Physical Chemistry Chemical Physics*, **2016**, 18, 27536-27544	3.6	28
110	Novel sandwich-structured composite pellicle displays high and tuned electrically conductive anisotropy, magnetism and photoluminescence. *Chemical Engineering Journal*, **2019**, 361, 713-724	14.7	26
109	Electrolyte gating in graphene-based supercapacitors and its use for probing nanoconfined charging dynamics. *Nature Nanotechnology*, **2020**, 15, 683-689	28.7	25
108	UV-assisted production of ferromagnetic graphitic quantum dots from graphite. *Carbon*, **2013**, 57, 346-356	6.4	25
107	Capturing electrified nanodroplets under Rayleigh instability by coupling electrospray with a sol–gel reaction. *Chemical Physics Letters*, **2007**, 445, 271-275	2.5	25
106	Synthesis of substituted M- and W-type barium ferrite nanostructured powders by stearic acid gel method. *Journal of Alloys and Compounds*, **1996**, 237, 45-48	5.7	25
105	Preparation of Janus microfibers with magnetic and fluorescence functionality via conjugate electro-spinning. *Materials and Design*, **2019**, 170, 107701	8.1	24

104	Fabrication of Y2O2S:Eu3+ hollow nanofibers by sulfurization of Y2O3:Eu3+ hollow nanofibers. *Journal of Materials Science: Materials in Electronics*, **2015**, 26, 677-684	2.1	24
103	Synthesis and upconversion luminescence properties of YF3:Yb3+/Er3+ hollow nanofibers derived from Y2O3:Yb3+/Er3+ hollow nanofibers. *Journal of Nanoparticle Research*, **2013**, 15, 1	2.3	23
102	A new tactic to achieve Y2O2S:Yb3+/Er3+ up-conversion luminescent hollow nanofibers. *CrystEngComm*, **2015**, 17, 2529-2535	3.3	23
101	Evaporation-induced flattening and self-assembly of chemically converted graphene on a solid surface. *Soft Matter*, **2011**, 7, 8745	3.6	22
100	Fabrication and luminescence of YF3:Tb3+ hollow nanofibers. *Journal of Materials Science: Materials in Electronics*, **2013**, 24, 3041-3048	2.1	21
99	Ordered Gelation of Chemically Converted Graphene for Next-Generation Electroconductive Hydrogel Films. *Angewandte Chemie*, **2011**, 123, 7463-7466	3.6	21
98	Morphology and gas-sensitive properties of polymer based composite films. *Sensors and Actuators B: Chemical*, **2000**, 66, 37-39	8.5	21
97	Synthesis and intercalation properties of nanoscale layered tetratitanate. *Journal of Materials Chemistry*, **2002**, 12, 1796-1799		20
96	Conjugate electrospinning-fabricated nanofiber yarns simultaneously endowed with bifunctionality of magnetism and enhanced fluorescence. *Journal of Materials Science*, **2018**, 53, 2290-2302	4.3	20
95	Facile fabrication of nanoparticles confined in graphene films and their electrochemical properties. *Chemistry - A European Journal*, **2013**, 19, 7631-6	4.8	19
94	Dispersion of carbon nanotubes in aqueous solutions containing poly(diallyldimethylammonium chloride). *Journal of Materials Science Letters*, **2003**, 22, 253-255		19
93	Modification of indium oxide nanofibers by polyoxometalate electron acceptor doping for enhancement of gas sensing at room temperature. *Sensors and Actuators B: Chemical*, **2021**, 344, 130227	8.5	19
92	Fabrication of a prototype humidity-sensitive capacitor via layer-by-layer self-assembling technique. *Materials Science and Engineering C*, **2000**, 11, 117-119	8.3	17
91	Engineering graphene for high-performance supercapacitors: Enabling role of colloidal chemistry. *Journal of Energy Chemistry*, **2018**, 27, 1-5	12	16
90	Integrating photoluminescence, magnetism and thermal conversion for potential photothermal therapy and dual-modal bioimaging. *Journal of Colloid and Interface Science*, **2018**, 510, 292-301	9.3	16
89	Multifunctional PVP-Ba2GdF7:Yb3+, Ho3+ coated on Ag nanospheres for bioimaging and tumor photothermal therapy. *Applied Surface Science*, **2018**, 458, 931-939	6.7	16
88	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	7.1	16
87	Dynamic electrosorption analysis as an effective means to characterise the structure of bulk graphene assemblies. *Chemistry - A European Journal*, **2013**, 19, 3082-9	4.8	16

86	Synthesis and microstructural control of nanocrystalline titania powders via a stearic acid method. *Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing* , **2002**, 328, 108-112	5.3	16
85	3D nitrogen-doped hierarchical porous carbon framework for protecting sulfur cathode in lithium–sulfur batteries. *New Journal of Chemistry*, **2019**, 43, 9641-9651	3.6	15
84	Electrochemically-derived graphene oxide membranes with high stability and superior ionic sieving. *Chemical Communications*, **2019**, 55, 4075-4078	5.8	15
83	Room-temperature synthesis, controllable morphology and optical characteristics of narrow-band red phosphor K2LiGaF6:Mn4+. *CrystEngComm*, **2018**, 20, 2183-2192	3.3	15
82	Simultaneous Visual Detection and Removal of Cu with Electrospun Self-Supporting Flexible Amidated Polyacrylonitrile/Branched Polyethyleneimine Nanofiber Membranes. *ACS Applied Materials & Interfaces*, **2021**, 13, 49288-49300	9.5	15
81	Ultrafast water evaporation through graphene membranes with subnanometer pores for desalination. *Journal of Membrane Science*, **2021**, 621, 118934	9.6	15
80	Effect of cationic polyacrylamide dissolution on the adsorption state of gold nanoparticles on paper and their Surface Enhanced Raman Scattering properties. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2013**, 420, 46-52	5.1	14
79	Assembling of graphene oxide in an isolated dissolving droplet. *Soft Matter*, **2012**, 8, 11249	3.6	14
78	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	2.1	13
77	Tunable multicolor luminescence and white light emission realized in Eu3+ mono-activated GdF3 nanofibers with paramagnetic performance. *RSC Advances*, **2016**, 6, 113045-113052	3.7	13
76	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	3.7	12
75	A novel strategy to achieve NaGdF4:Eu3+ nanofibers with color-tailorable luminescence and paramagnetic performance. *Journal of the American Ceramic Society*, **2017**, 100, 2034-2044	3.8	11
74	Rapid preparation of porous Fe2O3/SiO2 nanocomposites via an organic precursor. *Materials Research Bulletin*, **2001**, 36, 2437-2442	5.1	11
73	Assembling 1D and Janus Nanobelts into 2D Aeolotropic Conductive Janus Membranes and 3D Double-Walled Janus Tubes. *ChemNanoMat*, **2019**, 5, 820-830	3.5	10
72	Controlling the assembly of graphene oxide by an electrolyte-assisted approach. *Nanoscale*, **2013**, 5, 6458-63	7.7	10
71	Stitching chemically converted graphene on solid surfaces by solvent evaporation. *ACS Applied Materials & Interfaces*, **2012**, 4, 6443-9	9.5	10
70	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*, **2016**, 19, 118-126	3.6	9
69	Tuning the oxygen functional groups in reduced graphene oxide papers to enhance the electromechanical actuation. *RSC Advances*, **2015**, 5, 68052-68060	3.7	9

68	Electrospun polyfunctional conductive anisotropic Janus-shaped film, derivative 3D Janus tube and 3D plus 2D complete flag-shaped structures. *Journal of Materials Chemistry C*, **2020**, 8, 6565-6576	7.1	9
67	A new scheme to acquire BaY2F8:Er3+ nanofibers with upconversion luminescence. *Journal of Materials Science: Materials in Electronics*, **2016**, 27, 9152-9158	2.1	9
66	Er3+ doped BaYF5 nanofibers: facile construction technique, structure and upconversion luminescence. *Journal of Materials Science: Materials in Electronics*, **2016**, 27, 5277-5283	2.1	9
65	A Novel Scheme to Obtain Y2O2S:Er3+ Upconversion Luminescent Hollow Nanofibers via Precursor Templating. *Journal of the American Ceramic Society*, **2015**, 98, 2817-2822	3.8	9
64	Multilayered graphene membrane as an experimental platform to probe nano-confined electrosorption. *Progress in Natural Science: Materials International*, **2012**, 22, 668-672	3.6	9
63	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	2.1	8
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60	Dynamic electrosorption analysis: a viable liquid-phase characterization method for porous carbon?. *Journal of Materials Chemistry A*, **2013**, 1, 9332	13	8
59	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	3.6	8
58	Peculiarly Structured Janus Nanofibers Display Synchronous and Tuned Trifunctionality of Enhanced Luminescence, Electrical Conduction, and Superparamagnetism. *ChemPlusChem*, **2018**, 83, 108-116	2.8	7
57	Formation of polyelectrolyte-gold nanoparticle necklaces on paper. *Journal of Colloid and Interface Science*, **2013**, 405, 71-7	9.3	7
56	A novel technique to prepare ultrafine Fe2O3 via hydrated iron(III) nitrate. *Journal of Materials Science Letters*, **1997**, 16, 493-495		7
55	The preparation of barium ferrite nanocrystalline powders by a stearic acid gel method. *Materials Letters*, **1996**, 28, 203-206	3.3	7
54	Prussian Blue@Polyacrylic Acid/Au Aggregate Janus Nanoparticles for CT Imaging-guided Chemotherapy and Enhanced Photothermal Therapy. *Advanced Therapeutics*, **2020**, 3, 2000091	4.9	7
53	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	2.1	7
52	Graphene Elastomer Electrodes for Medical Sensing Applications: Combining High Sensitivity, Low Noise and Excellent Skin Compatibility to Enable Continuous Medical Monitoring. *IEEE Sensors Journal*, **2021**, 21, 13967-13975	4	7
51	Flexible sandwich-shaped composite film with simultaneous double electrically conductive anisotropy, magnetism and dual-color fluorescence. *New Journal of Chemistry*, **2019**, 43, 7984-7996	3.6	6

50	A neoteric sandwich-configurational composite film offering synchronous conductive aeolotropy, superparamagnetism and dual-color fluorescence. *Nanoscale Advances*, **2019**, 1, 1497-1509	5.1	6
49	Superhydrophilic MoS2Ni3S2 nanoflake heterostructures grown on 3D Ni foam as an efficient electrocatalyst for overall water splitting. *Journal of Materials Science: Materials in Electronics*, **2020**, 31, 6607-6617	2.1	6
48	Effect of particle size of starting material TiO2 on morphology and properties of layered titanates. *Materials Letters*, **2001**, 50, 230-234	3.3	6
47	Novel electrospun bilayered composite fibrous membrane endowed with tunable and simultaneous quadrifunctionality of electricity magnetism at one layer and upconversion luminescence photocatalysis at the other layer. *RSC Advances*, **2016**, 6, 96084-96092	3.7	6
46	In situ electron microscope study on the formation and morphological evolution of carbon aggregates. *Carbon*, **2002**, 40, 2117-2124	10.4	5
45	Emerging La2O2CN2 matrix with controllable 3D morphology for photoluminescence applications. *CrystEngComm*, **2017**, 19, 6498-6505	3.3	4
44	Free-standing graphene oxide mid-infrared polarizers. *Nanoscale*, **2020**, 12, 11480-11488	7.7	4
43	Up/down conversion luminescence and energy transfer of Er/Tb activated NaGd(WO) green emitting phosphors. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2018**, 201, 88-97	4.4	4
42	Uniaxial Alignment of Electrospun Nanofibers. *ACS Symposium Series*, **2006**, 319-329	0.4	4
41	Rapid fabrication of titania nanofibers by electrospinning **2003**,		4
40	Modifying substrate surfaces with self-assembled polyelectrolyte layers to promote the formation of uniform polypyrrole films. *Applied Surface Science*, **2001**, 183, 259-263	6.7	4
39	A simple approach to enhance the deposition of polyaniline films with self-assembled polyelectrolyte layers. *Journal of Materials Science Letters*, **2001**, 20, 1925-1928		4
38	Enhanced UVVisNIR composite photocatalysis of NaBiF4:Yb3+, Tm3+ upconversion nanoparticles loaded on Bi2WO6 microspheres. *Journal of Solid State Chemistry*, **2021**, 300, 122248	3.3	4
37	Polyoxometalate electron acceptor incorporated improved properties of Cu2ZnSnS4-based room temperature NO2 gas sensor. *Sensors and Actuators B: Chemical*, **2021**, 348, 130683	8.5	4
36	New Structural Insights into Densely Assembled Reduced Graphene Oxide Membranes. *Advanced Functional Materials*,2201535	15.6	4
35	A new concept of a pseudo-Janus structure: employing a Yin-Yang fish structure film with up/down conversion fluorescence and bi-anisotropic conduction to represent the pseudo-Janus structure as a case study. *Journal of Materials Chemistry C*, **2020**, 8, 8676-8688	7.1	3
34	Ion-Transport Experiments to Probe the Nanostructure of Graphene/Polymer Membranes. *Small Methods*, **2018**, 2, 1800187	12.8	3
33	Optical Characterisation of Non-Covalent Interactions between Non-Conjugated Polymers and Chemically Converted Graphene. *Australian Journal of Chemistry*, **2014**, 67, 168	1.2	3

32	Formation of regular stripes of chemically converted graphene on hydrophilic substrates. *ACS Applied Materials & Interfaces*, **2013**, 5, 6176-81	9.5	3
31	Synthesis of ultrafine Fe2O3 powders by decomposition of organic precursors and structural control by doping. *Journal of Materials Science Letters*, **2003**, 22, 931-933		3
30	A fluorescent triboelectric nanogenerator manufactured with a flexible janus nanobelt array concurrently acting as a charge-generating layer and charge-trapping layer. *Nanoscale*, **2021**, 13, 19144-19154	7.7	3
29	A facile one-step synthesis of super-hydrophilic (NH4)0.33WO3/WS2 composites: a highly efficient adsorbent for methylene blue. *New Journal of Chemistry*, **2020**, 44, 10418-10427	3.6	3
28	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	9.3	3
27	Dual-mode blue emission, paramagnetic properties of Yb3+Tm3+ co-doped GdOCl difunctional nanostructures. *Journal of Materials Science: Materials in Electronics*, **2017**, 28, 19038-19050	2.1	2
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