

Xiang Li

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121
papers

2,514
citations

27
h-index

43
g-index

126
ext. papers

3,161
ext. citations

7.5
avg, IF

5.27
L-index

#	Paper	IF	Citations
121	CoBterrocene MOF/Glucose Oxidase as Cascade Nanozyme for Effective Tumor Therapy. <i>Advanced Functional Materials</i> , 2020 , 30, 1910085	15.6	141
120	Facile synthesis of single-crystalline mesoporous Fe ₂ O ₃ and Fe ₃ O ₄ nanorods as anode materials for lithium-ion batteries. <i>Journal of Materials Chemistry</i> , 2012 , 22, 20566		141
119	Synergistic thermoradiotherapy based on PEGylated CuBiS ternary semiconductor nanorods with strong absorption in the second near-infrared window. <i>Biomaterials</i> , 2017 , 112, 164-175	15.6	123
118	Microneedle Coating Techniques for Transdermal Drug Delivery. <i>Pharmaceutics</i> , 2015 , 7, 486-502	6.4	78
117	Platinum Nanoparticles to Enable Electrodynamical Therapy for Effective Cancer Treatment. <i>Advanced Materials</i> , 2019 , 31, e1806803	24	70
116	Upconversion Composite Nanoparticles for Tumor Hypoxia Modulation and Enhanced Near-Infrared-Triggered Photodynamic Therapy. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 15494-15503	9.5	66
115	Self-templated synthesis of single-crystal and single-domain ferroelectric nanoplates. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 9283-7	16.4	64
114	Ultrathin Anatase TiO ₂ Nanosheets for High-Performance Photocatalytic Hydrogen Production. <i>Small</i> , 2017 , 13, 1604115	11	57
113	FeS@BSA Nanoclusters to Enable HS-Amplified ROS-Based Therapy with MRI Guidance. <i>Advanced Science</i> , 2020 , 7, 1903512	13.6	51
112	One Stone Two Birds: Zr-Fc Metal-Organic Framework Nanosheet for Synergistic Photothermal and Chemodynamic Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 20321-20330	9.5	51
111	Nitrofurazone-loaded electrospun PLLA/sericin-based dual-layer fiber mats for wound dressing applications. <i>RSC Advances</i> , 2015 , 5, 16940-16949	3.7	48
110	Porous Pt Nanospheres Incorporated with GOx to Enable Synergistic Oxygen-Inductive Starvation/Electrodynamical Tumor Therapy. <i>Advanced Science</i> , 2020 , 7, 2001223	13.6	43
109	Novel patterning of nano-bioceramics: template-assisted electrohydrodynamic atomization spraying. <i>Journal of the Royal Society Interface</i> , 2008 , 5, 253-7	4.1	43
108	Electrodeposition of silver nanoparticle arrays on ITO coated glass and their application as reproducible surface-enhanced Raman scattering substrate. <i>Applied Surface Science</i> , 2011 , 258, 1831-1835	6.7	42
107	Mesoporous silica nanoparticles with manipulated microstructures for drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 95, 274-8	6	40
106	Monodispersed LiFePO ₄ @C core-shell nanostructures for a high power Li-ion battery cathode. <i>Journal of Power Sources</i> , 2014 , 246, 696-702	8.9	38
105	Porous Pt nanoparticles loaded with doxorubicin to enable synergistic Chemo-/Electrodynamical Therapy. <i>Biomaterials</i> , 2020 , 255, 120202	15.6	37

104	A Fibrous Localized Drug Delivery Platform with NIR-Triggered and Optically Monitored Drug Release. <i>Langmuir</i> , 2016 , 32, 9083-90	4	37
103	Polarization-dependent epitaxial growth and photocatalytic performance of ferroelectric oxide heterostructures. <i>Nano Energy</i> , 2018 , 45, 304-310	17.1	36
102	Development and characterisation of cellulose based electrospun mats for buccal delivery of non-steroidal anti-inflammatory drug (NSAID). <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 102, 147-155	5.1	32
101	Near-infrared luminescent CaTiO:Nd nanofibers with tunable and trackable drug release kinetics. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 7449-7456	7.3	32
100	A novel jet-based nano-hydroxyapatite patterning technique for osteoblast guidance. <i>Journal of the Royal Society Interface</i> , 2010 , 7, 189-97	4.1	32
99	Bismuth embedded silica nanoparticles loaded with autophagy suppressant to promote photothermal therapy. <i>Biomaterials</i> , 2019 , 221, 119419	15.6	31
98	Ferric Hydroxide-Modified Upconversion Nanoparticles for 808 nm NIR-Triggered Synergetic Tumor Therapy with Hypoxia Modulation. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 385-393	9.5	31
97	Tunable photoluminescence properties of well-aligned ZnO nanorod array by oxygen plasma post-treatment. <i>Applied Surface Science</i> , 2014 , 289, 252-256	6.7	30
96	Tailoring of textured transparent conductive SnO ₂ :F thin films. <i>Journal of Alloys and Compounds</i> , 2013 , 574, 427-431	5.7	30
95	Phage-based vaccines. <i>Advanced Drug Delivery Reviews</i> , 2019 , 145, 40-56	18.5	30
94	Multifunctional Electrospun Nanofibers for Enhancing Localized Cancer Treatment. <i>Small</i> , 2018 , 14, e1801183	27	
93	Phase-Modified Up-Conversion Luminescence in Er-Doped Single-Crystal PbTiO ₃ Nanofibers. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 5486-5493	3.8	26
92	Novel preparation and characterization of porous alginate films. <i>Carbohydrate Polymers</i> , 2010 , 79, 989-997	27.3	25
91	Development of nano-hydroxyapatite coating by electrohydrodynamic atomization spraying. <i>Journal of Materials Science: Materials in Medicine</i> , 2008 , 19, 1545-51	4.5	25
90	Luminescent CaTiO:Yb,Er nanofibers co-conjugated with Rose Bengal and gold nanorods for potential synergistic photodynamic/photothermal therapy. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 5128-5136	7.3	24
89	Mesopores induced zero thermal expansion in single-crystal ferroelectrics. <i>Nature Communications</i> , 2018 , 9, 1638	17.4	23
88	Size-controlled single-crystal perovskite PbTiO ₃ nanofibers from edge-shared TiO ₆ octahedron columns. <i>Small</i> , 2012 , 8, 2959-63	11	23
87	Upconversion nanocrystal 'armoured' silica fibres with superior photoluminescence for miRNA detection. <i>Chemical Communications</i> , 2018 , 54, 6324-6327	5.8	23

86	Multifunctional MoO ₂ -ICG nanoplatform for 808nm-mediated synergetic photodynamic/photothermal therapy. <i>Applied Materials Today</i> , 2019 , 15, 472-481	6.6	22
85	pH-Triggered SrTiO ₃ :Er Nanofibers with Optically Monitored and Controlled Drug Delivery Functionality. <i>ACS Applied Materials & Interfaces</i> , 2015 , 7, 25514-21	9.5	22
84	Microstructural and functional stability of large-scale SnO ₂ :F thin film with micro-nano structure. <i>Journal of Alloys and Compounds</i> , 2013 , 550, 144-149	5.7	22
83	A Dual-Color Luminescent Localized Drug Delivery System with Ratiometric-Monitored Doxorubicin Release Functionalities. <i>ACS Biomaterials Science and Engineering</i> , 2016 , 2, 652-661	5.5	22
82	Octahedral-shaped perovskite nanocrystals and their visible-light photocatalytic activity. <i>Chemical Communications</i> , 2014 , 50, 6027-30	5.8	20
81	Crystallization and concentration modulated tunable upconversion luminescence of Er ³⁺ doped PZT nanofibers. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 382-389	7.1	20
80	Synthesis of porous CaTiO ₃ nanotubes with tunable hollow structures via single-nozzle electrospinning. <i>Materials Letters</i> , 2015 , 152, 82-85	3.3	19
79	Production of a fluorescence resonance energy transfer (FRET) biosensor membrane for microRNA detection. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 7133-7139	7.3	19
78	A feasible approach toward bioactive glass nanofibers with tunable protein release kinetics for bone scaffolds. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 122, 785-791	6	19
77	Mesoporous silica decorated with platinum nanoparticles for drug delivery and synergistic electrodynamic-chemotherapy. <i>Nano Research</i> , 2020 , 13, 2209-2215	10	19
76	Gold nanorod-assembled ZnGaO:Cr nanofibers for LED-amplified gene silencing in cancer cells. <i>Nanoscale</i> , 2018 , 10, 13432-13442	7.7	19
75	ZnS@ZIF-8 core-shell nanoparticles incorporated with ICG and TPZ to enable HS-amplified synergistic therapy. <i>Theranostics</i> , 2020 , 10, 7671-7682	12.1	18
74	Silica nanofibers with controlled mesoporous structure via electrospinning: From random to orientated. <i>Materials Letters</i> , 2013 , 94, 100-103	3.3	18
73	Electrohydrodynamic deposition of nanotitanium doped hydroxyapatite coating for medical and dental applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2011 , 22, 491-6	4.5	18
72	Enhanced cell uptake of fluorescent drug-loaded nanoparticles via an implantable photothermal fibrous patch for more effective cancer cell killing. <i>Journal of Materials Chemistry B</i> , 2017 , 5, 7504-7511	7.3	17
71	Single-crystal nanofibers of Zr-doped new structured PbTiO ₃ : hydrothermal synthesis, characterization and phase transformation. <i>Journal of Materials Chemistry</i> , 2011 , 21, 3562		17
70	Electrospray deposition of nanohydroxyapatite coatings: A strategy to mimic bone apatite mineral. <i>Thin Solid Films</i> , 2011 , 519, 2328-2331	2.2	17
69	Ethylene glycol (EG) solvothermal synthesis of flower-like LiMnPO ₄ nanostructures self-assembled with (010) nanobelts for Li-ion battery positive cathodes. <i>CrystEngComm</i> , 2016 , 18, 3282-3288	3.3	17

68	Facile synthesis and visible photocatalytic activity of single-crystal TiO ₂ /PbTiO ₃ heterostructured nanofiber composites. <i>CrystEngComm</i> , 2015 , 17, 1024-1029	3.3	16
67	Polarization-Modified Upconversion Luminescence in Er-Doped Single-Crystal Perovskite PbTiO ₃ Nanofibers. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 17326-17333	3.8	15
66	A Multifunctional Nanocrystalline CaF:Tm,Yb@mSiO ₂ System for Dual-Triggered and Optically Monitored Doxorubicin Delivery. <i>Particle and Particle Systems Characterization</i> , 2016 , 33, 896-905	3.1	15
65	Optically Monitoring Mineralization and Demineralization on Photoluminescent Bioactive Nanofibers. <i>Langmuir</i> , 2016 , 32, 3226-33	4	15
64	Fabrication and characterization of size-controlled single-crystal-like PZT nanofibers by sol-gel based electrospinning. <i>Journal of Alloys and Compounds</i> , 2013 , 579, 617-621	5.7	14
63	Hollow ferric-tannic acid nanocapsules with sustained O ₂ and ROS induction for synergistic tumor therapy. <i>Biomaterials Science</i> , 2020 , 8, 3844-3855	7.4	13
62	Single-Crystal BiFeO ₃ Nanoplates with Robust Antiferromagnetism. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 5785-5792	9.5	13
61	Electrostatic Force-Driven Oxide Heteroepitaxy for Interface Control. <i>Advanced Materials</i> , 2018 , 30, e1707017	10.17	13
60	Effect of glass tempering on microstructure and functional properties of SnO ₂ :F thin film prepared by atmosphere pressure chemical vapor deposition. <i>Thin Solid Films</i> , 2013 , 544, 357-361	2.2	13
59	ZnS@BSA Nanoclusters Potentiate Efficacy of Cancer Immunotherapy. <i>Advanced Materials</i> , 2021 , e2104037	10.37	13
58	Cu-Ferrocene-Functionalized CaO Nanoparticles to Enable Tumor-Specific Synergistic Therapy with GSH Depletion and Calcium Overload. <i>Advanced Science</i> , 2021 , 8, e2100241	13.6	13
57	Growth and bending-sensitive photoluminescence of a flexible PbTiO ₃ /ZnO nanocomposite. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 10935-40	9.5	12
56	Pre-perovskite nanofiber: a new direct-band gap semiconductor with green and near infrared photoluminescence. <i>RSC Advances</i> , 2013 , 3, 5453	3.7	12
55	A Facile Approach to Upconversion Crystalline CaF:Yb,Tm@mSiO ₂ Nanospheres for Tumor Therapy. <i>RSC Advances</i> , 2016 , 6, 38365-38370	3.7	12
54	Fibrous CaF ₂ :Yb,Er@SiO ₂ -PAA Tumor patch with NIR-triggered and trackable DOX release. <i>Materials and Design</i> , 2017 , 119, 85-92	8.1	11
53	Selective Deposition of Silver Oxide on Single-Domain Ferroelectric Nanoplates and Their Efficient Visible-Light Photoactivity. <i>Chemistry - A European Journal</i> , 2016 , 22, 12160-5	4.8	11
52	Improved mechanical properties of SnO ₂ :F thin film by structural modification. <i>Ceramics International</i> , 2014 , 40, 2557-2564	5.1	11
51	Facile synthesis of PbTiO ₃ truncated octahedra via solid-state reaction and their application in low-temperature CO oxidation by loading Pt nanoparticles. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 9035-9039	13	11

50	Electrohydrodynamic coating of metal with nano-sized hydroxyapatite. <i>Bio-Medical Materials and Engineering</i> , 2007 , 17, 335-46	1	11
49	Hydrothermal synthesis of ferroelectric PbTiO ₃ nanoparticles with dominant {001} facets by titanate nanostructure. <i>CrystEngComm</i> , 2013 , 15, 8036	3.3	10
48	Doping and phase transformation of single-crystal pre-perovskite PbTiO ₃ fibers with TiO ₆ edge-shared octahedra. <i>CrystEngComm</i> , 2012 , 14, 4520	3.3	10
47	Self-Templated Synthesis of Single-Crystal and Single-Domain Ferroelectric Nanoplates. <i>Angewandte Chemie</i> , 2012 , 124, 9417-9421	3.6	10
46	Implantable fibrous scaffold with hierarchical microstructure for the in-situ synergistic cancer therapy. <i>Chemical Engineering Journal</i> , 2020 , 402, 126204	14.7	10
45	Hydrothermal synthesis and formation mechanism of single-crystal Auivillius Bi ₄ Ti ₃ O ₁₂ nanosheets with ammonium bismuth citrate (C ₆ H ₁₀ BiNO ₈) as Bi sources. <i>Journal of Crystal Growth</i> , 2017 , 476, 31-37 ^{1.6}	1.6	9
44	Constructing Implantable SrTiO ₃ :Yb,Ho Nanofibers for NIR-Triggered and Optically Monitored Chemotherapy. <i>Chemistry - A European Journal</i> , 2017 , 23, 2423-2431	4.8	9
43	Silica nanospheres entrapped with ultra-small luminescent crystals for protein delivery. <i>Chemical Engineering Journal</i> , 2017 , 330, 166-174	14.7	9
42	Surface plasmon enhanced blue-green photoluminescence from carbon-rich amorphous silicon carbide films. <i>Journal of Alloys and Compounds</i> , 2012 , 513, 18-22	5.7	9
41	Theoretical and experimental study of Raman spectra of pre-perovskite PbTiO ₃ . <i>Journal of Applied Physics</i> , 2011 , 110, 063506	2.5	9
40	Delivery of amino acid oxidase catalytic nanocapsules to enable effective tumor inhibition. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 8546-8557	7.3	9
39	Rare-earth-doped upconversion nanocrystals embedded mesoporous silica nanoparticles for multiple microRNA detection. <i>Chemical Engineering Journal</i> , 2019 , 374, 863-869	14.7	8
38	Dissolution/recrystallization growth of titanate nanostructures by amorphous precursor. <i>Advanced Powder Technology</i> , 2014 , 25, 745-751	4.6	8
37	Ag-silica composite nanotube with controlled wall structures for biomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 111, 693-8	6	8
36	The nc-Si films with controlled crystal structure and electrical conductivity via the re-crystallization approach. <i>Journal of Non-Crystalline Solids</i> , 2013 , 359, 40-45	3.9	8
35	An electrically driven jetting technique for diverse high-resolution surface structures of nanometre hydroxyapatite crystals. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 82, 562-70	6	8
34	EHDA Spraying: A Multi-Material Nano-Engineering Route. <i>Current Pharmaceutical Design</i> , 2015 , 21, 3239-47	3.47	8
33	Implantable fibrous 'patch' enabling preclinical chemo-photothermal tumor therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020 , 192, 111005	6	8

32	Synthesis of CaTiO Nanofibers with Controllable Drug-Release Kinetics. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 4532-4538	2.3	7
31	Bright blue photoluminescence from the amorphous carbon via surface plasmon enhancement. <i>Optics Express</i> , 2011 , 19, 17935-43	3.3	7
30	FeO@Pt nanoparticles to enable combinational electrodynamic/chemodynamic therapy. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 206	9.4	7
29	ATP-responsive hollow nanocapsules for DOX/GOx delivery to enable tumor inhibition with suppressed P-glycoprotein. <i>Nano Research</i> , 2021 , 14, 222-231	10	7
28	A Bifunctional Scaffold for Tissue Regeneration and Photothermal Therapy. <i>Journal of Biomedical Nanotechnology</i> , 2018 , 14, 698-706	4	7
27	Implantable composite fibres with Self-supplied H ₂ O ₂ for localized chemodynamic therapy. <i>Chemical Engineering Journal</i> , 2020 , 388, 124211	14.7	6
26	Enhanced preferential orientation and electrical property of fluorine-doped SnO ₂ thin films via barrier layer. <i>Materials Letters</i> , 2014 , 122, 143-146	3.3	6
25	Sulfite-Inserted MgAl Layered Double Hydroxides Loaded with Glucose Oxidase to Enable SO ₂ -Mediated Synergistic Tumor Therapy. <i>Advanced Functional Materials</i> , 2021 , 31, 2103262	15.6	6
24	Multifunctional metal-organic framework-based nanoreactor for starvation/oxidation improved indoleamine 2,3-dioxygenase-blockade tumor immunotherapy.. <i>Nature Communications</i> , 2022 , 13, 2688	17.4	6
23	Biodegradable MnFe-hydroxide nanocapsules to enable multi-therapeutics delivery and hypoxia-modulated tumor treatment. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 3929-3938	7.3	5
22	Zinc sulfide nanoparticle-decorated fibre mesh to enable localized HS-amplified chemotherapy. <i>Chemical Communications</i> , 2020 , 56, 4304-4307	5.8	5
21	A Reduced Graphene Oxide (rGO)-Ferroelectrics Hybrid Nanocomposite as High Efficient Visible-Light-Driven Photocatalyst. <i>ChemistrySelect</i> , 2016 , 1, 6020-6025	1.8	5
20	Preparation and characterization of single-crystal multiferroic nanofiber composites. <i>Journal of Alloys and Compounds</i> , 2013 , 552, 518-523	5.7	5
19	VEGF-Modified PVA/Silicone Nanofibers Enhance Islet Function Transplanted in Subcutaneous Site Followed by Device-Less Procedure. <i>International Journal of Nanomedicine</i> , 2020 , 15, 587-599	7.3	4
18	Improved ferromagnetic properties of electrospun NiFe ₂ O ₄ with tunable morphology: from multiparticle-chain to single-particle-chain. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	4
17	FeO@Pt heterostructure particles to enable sonodynamic therapy with self-supplied O and imaging-guidance. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 358	9.4	4
16	Fenton/Fenton-like metal-based nanomaterials combine with oxidase for synergistic tumor therapy. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 325	9.4	4
15	Length-controlled synthesis and the photoluminescence of pre-perovskite PbTiO ₃ nanofibers. <i>CrystEngComm</i> , 2014 , 16, 3567-3572	3.3	3

14	Molecular-mediated crystal growth of PbTiO ₃ nanostructure on silicon substrate. <i>Applied Surface Science</i> , 2011 , 257, 9768-9772	6.7	3
13	Platinum-copper alloy nanoparticles armored with chloride ion transporter to promote electro-driven tumor inhibition.. <i>Bioactive Materials</i> , 2022 , 12, 143-152	16.7	3
12	Core-shell SrTiO ₃ :Yb ³⁺ ,Er ³⁺ @mSiO ₂ nanoparticles for controlled and monitored doxorubicin delivery. <i>RSC Advances</i> , 2016 , 6, 26280-26287	3.7	3
11	A flexible smart membrane consisting of GO composite fibres and upconversion MSNs for microRNA detection. <i>Chemical Communications</i> , 2019 , 55, 9104-9107	5.8	2
10	Effect of atomic bonding configuration on optical properties of a-Si _{1-x} C _x :H thin film. <i>Journal of Alloys and Compounds</i> , 2013 , 559, 20-23	5.7	2
9	Generation of biomaterial particles with controlled dimensions via electrospraying. <i>Open Journal of Regenerative Medicine</i> , 2012 , 01, 10-17	1.1	2
8	First-principles study of structural stability and elastic property of pre-perovskite PbTiO ₃ . <i>Chinese Physics B</i> , 2012 , 21, 016201	1.2	2
7	Polymersome Nanoreactor-Mediated Combination Chemodynamic-Immunotherapy via ROS Production and Enhanced STING Activation. <i>Advanced Therapeutics</i> , 2100130	4.9	2
6	Amorphous carbon-based films with surface-plasmon-enhanced full-color photoluminescence. <i>Journal of Non-Crystalline Solids</i> , 2012 , 358, 1725-1729	3.9	1
5	FABRICATION OF NANOPOROUS CHITOSAN MEMBRANES. <i>Nano</i> , 2010 , 05, 53-60	1.1	1
4	Polymeric Based Therapeutic Delivery Systems Prepared Using Electrohydrodynamic Processes. <i>Current Pharmaceutical Design</i> , 2016 , 22, 2873-85	3.3	1
3	Catalytic core-shell nanoparticles with self-supplied calcium and HO to enable combinational tumor inhibition. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 313	9.4	1
2	Hierarchical nanoclusters with programmed disassembly for mitochondria-targeted tumor therapy with MR imaging. <i>Biomaterials Science</i> , 2021 , 9, 8189-8201	7.4	
1	Hollow nanocapsules of NiFe hydroxides to enable doxorubicin delivery and combinational tumour therapy. <i>Biomaterials Science</i> , 2021 , 9, 2598-2607	7.4	