Xia Li

List of Publications by Year
in descending order

71 papers	3,760 citations	136740 32 h-index	128067 60 g-index
71 all docs	71 docs citations	71 times ranked	4902 citing authors

#	Article	IF	Citations
1	Highly Water-Soluble, Porous, and Biocompatible Boron Nitrides for Anticancer Drug Delivery. ACS Nano, 2014, 8, 6123-6130.	7.3	374
2	Recent Progress on Fabrications and Applications of Boron Nitride Nanomaterials: A Review. Journal of Materials Science and Technology, 2015, 31, 589-598.	5.6	282
3	Preparation of mesoporous calcium doped silica spheres with narrow size dispersion and their drug loading and degradation behavior. Microporous and Mesoporous Materials, 2007, 102, 151-158.	2.2	153
4	Biomass-Directed Synthesis of 20 g High-Quality Boron Nitride Nanosheets for Thermoconductive Polymeric Composites. ACS Nano, 2014, 8, 9081-9088.	7.3	145
5	Synthesis and characterization of hierarchically macroporous and mesoporous CaOâ€"MOâ€"SiO2â€"P2O5 (M=Mg, Zn, Sr) bioactive glass scaffolds. Acta Biomaterialia, 2011, 7, 3638-3644.	4.1	128
6	Hierarchically Porous Bioactive Glass Scaffolds Synthesized with a PUF and P123 Cotemplated Approach. Chemistry of Materials, 2007, 19, 4322-4326.	3.2	122
7	Stimulation of In Vivo Antitumor Immunity with Hollow Mesoporous Silica Nanospheres. Angewandte Chemie - International Edition, 2016, 55, 1899-1903.	7.2	116
8	Hollow boron nitride nanospheres as boron reservoir for prostate cancer treatment. Nature Communications, 2017, 8, 13936.	5.8	109
9	Zinc-containing apatite layers on external fixation rods promoting cell activity. Acta Biomaterialia, 2010, 6, 962-968.	4.1	106
10	A mesoporous bioactive glass/polycaprolactone composite scaffold and its bioactivity behavior. Journal of Biomedical Materials Research - Part A, 2008, 84A, 84-91.	2.1	105
11	Synthesis and Magnetic Properties of Mesostructured Î3-Fe2O3/Carbon Composites by a Co-casting Method. Chemistry of Materials, 2007, 19, 3484-3490.	3.2	104
12	Tailoring inorganic nanoadjuvants towards next-generation vaccines. Chemical Society Reviews, 2018, 47, 4954-4980.	18.7	95
13	Boron Nitride Nanoparticles with a Petal-Like Surface as Anticancer Drug-Delivery Systems. ACS Applied Materials & Interfaces, 2015, 7, 17217-17225.	4.0	87
14	<i>In vivo</i> biocompatibility of boron nitride nanotubes: Effects on stem cell biology and tissue regeneration in planarians. Nanomedicine, 2015, 10, 1911-1922.	1.7	85
15	Solubility of Mg-containing Î2-tricalcium phosphate at 25Â°C. Acta Biomaterialia, 2009, 5, 508-517.	4.1	83
16	High-throughput fabrication of strutted graphene by ammonium-assisted chemical blowing for high-performance supercapacitors. Nano Energy, 2015, 16, 81-90.	8.2	83
17	Boron nitride nanotubes functionalized with mesoporous silica for intracellular delivery of chemotherapy drugs. Chemical Communications, 2013, 49, 7337.	2.2	82
18	Hollow Structure Improved Anti-Cancer Immunity of Mesoporous Silica Nanospheres In Vivo. Small, 2016, 12, 3510-3515.	5.2	78

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19	Synthesis and characterization of mesoporous CaOâ€“MOâ€“SiO2â€“P2O5 (M = Mg, Zn, Cu) bioactive glasses/composites. Journal of Materials Chemistry, 2008, 18, 4103.	6.7	74
20	The optimum zinc content in set calcium phosphate cement for promoting bone formation in vivo. Materials Science and Engineering C, 2009, 29, 969-975.	3.8	74
21	Biodegradable Metal Ion-Doped Mesoporous Silica Nanospheres Stimulate Anticancer Th1 Immune Response in Vivo. ACS Applied Materials & Interfaces, 2017, 9, 43538-43544.	4.0	71
22	Comprehensive Mechanism Analysis of Mesoporousâ€Silicaâ€Nanoparticleâ€Induced Cancer Immunotherapy. Advanced Healthcare Materials, 2016, 5, 1169-1176.	3.9	70
23	Particle-size-dependent toxicity and immunogenic activity of mesoporous silica-based adjuvants for tumor immunotherapy. Acta Biomaterialia, 2013, 9, 7480-7489.	4.1	64
24	A template route to the preparation of mesoporous amorphous calcium silicate with highin vitro bone-forming bioactivity. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2007, 83B, 431-439.	1.6	62
25	One-pot synthesis of magnetic and mesoporous bioactive glass composites and their sustained drug release property. Acta Materialia, 2008, 56, 3260-3265.	3.8	61
26	Cytocompatibility evaluation of gum Arabic-coated ultra-pure boron nitride nanotubes on human cells. Nanomedicine, 2014, 9, 773-788.	1.7	61
27	Boron nitride nanotubeâ€enhanced osteogenic differentiation of mesenchymal stem cells. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2016, 104, 323-329.	1.6	61
28	A nanoscale metal organic frameworks-based vaccine synergises with PD-1 blockade to potentiate anti-tumour immunity. Nature Communications, 2020, 11, 3858.	5.8	59
29	Mesoporous bioactive glass coatings on stainless steel for enhanced cell activity, cytoskeletal organization and AsMg immobilization. Journal of Materials Chemistry, 2010, 20, 6437.	6.7	47
30	Multimodal luminescent-magnetic boron nitride nanotubes@NaGdF₄:Eu structures for cancer therapy. Chemical Communications, 2014, 50, 4371-4374.	2.2	47
31	Rod-Scale Design Strategies for Immune-Targeted Delivery System toward Cancer Immunotherapy. ACS Nano, 2019, 13, 7705-7715.	7.3	40
32	Signal moleculesâ€“calcium phosphate coprecipitation and its biomedical application as a functional coating. Biofabrication, 2011, 3, 022001.	3.7	35
33	Mesoporous Silicaâ€Calcium Phosphateâ€Tuberculin Purified Protein Derivative Composites as an Effective Adjuvant for Cancer Immunotherapy. Advanced Healthcare Materials, 2013, 2, 863-871.	3.9	35
34	Rod-shaped and fluorine-substituted hydroxyapatite free of molecular immunopotentiators stimulates anti-cancer immunity in vivo. Chemical Communications, 2016, 52, 7078-7081.	2.2	35
35	Rod-shaped and substituted hydroxyapatite nanoparticles stimulating type 1 and 2 cytokine secretion. Colloids and Surfaces B: Biointerfaces, 2016, 139, 10-16.	2.5	31
36	MBG/PLGA composite microspheres with prolonged drug release. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2009, 89B, 148-154.	1.6	30

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37	Effect of coprecipitation temperature on the properties and activity of fibroblast growth factor-2 apatite composite layer. Materials Science and Engineering C, 2009, 29, 216-221.	3.8	27
38	Ascorbateâ€“apatite composite and ascorbateâ€“FGF-2â€“apatite composite layers formed on external fixation rods and their effects on cell activity in vitro. Acta Biomaterialia, 2009, 5, 2647-2656.	4.1	27
39	Hierarchically porous, and Cu- and Zn-containing Î³-AlOOH mesostrands as adjuvants for cancer immunotherapy. Scientific Reports, 2017, 7, 16749.	1.6	27
40	Hollow ZnO Nanospheres Enhance Anticancer Immunity by Promoting CD4⁺ and CD8⁺ T Cell Populations In Vivo. Small, 2017, 13, 1701816.	5.2	24
41	Synergistical chemotherapy and cancer immunotherapy using dual drug-delivering and immunopotentiating mesoporous silica. Applied Materials Today, 2019, 16, 102-111.	2.3	24
42	BMP-2 and ALP gene expression induced by a BMP-2 geneâ€“fibronectinâ€“apatite composite layer. Biomedical Materials (Bristol), 2011, 6, 045004.	1.7	23
43	Zn- and Mg- Containing Tricalcium Phosphates-Based Adjuvants for Cancer Immunotherapy. Scientific Reports, 2013, 3, 2203.	1.6	23
44	Pore sizeâ€dependent immunogenic activity of mesoporous silicaâ€based adjuvants in cancer immunotherapy. Journal of Biomedical Materials Research - Part A, 2014, 102, 967-974.	2.1	22
45	Synergistic effects of stellated fibrous mesoporous silica and synthetic dsRNA analogues for cancer immunotherapy. Chemical Communications, 2018, 54, 1057-1060.	2.2	21
46	Mesoporous Cagedâ€Î³â€AlOOHâ€Doubleâ€Stranded RNA Analog Complexes for Cancer Immunotherapy. Advanced Biology, 2018, 2, 1700114.	3.0	21
47	Stimulation of In Vivo Antitumor Immunity with Hollow Mesoporous Silica Nanospheres. Angewandte Chemie, 2016, 128, 1931-1935.	1.6	19
48	Effect of Zn and Mg in tricalcium phosphate and in culture medium on apoptosis and actin ring formation of mature osteoclasts. Biomedical Materials (Bristol), 2008, 3, 045002.	1.7	18
49	Synthesis of well-ordered mesoporous titania powder with crystallized framework. Materials Letters, 2008, 62, 1410-1413.	1.3	17
50	Silicateâ€“apatite composite layers on external fixation rods and <i>in vitro</i> evaluation using fibroblast and osteoblast. Journal of Biomedical Materials Research - Part A, 2010, 92A, 1181-1189.	2.1	17
51	Si-doping increases the adjuvant activity of hydroxyapatite nanorods. Colloids and Surfaces B: Biointerfaces, 2019, 174, 300-307.	2.5	16
52	Construction of Fe₃O₄-Loaded Mesoporous Carbon Systems for Controlled Drug Delivery. ACS Applied Bio Materials, 2021, 4, 5304-5311.	2.3	14
53	Production of in-situ macropores in an injectable calcium phosphate cement by introduction of cetyltrimethyl ammonium bromide. Journal of Materials Science: Materials in Medicine, 2008, 19, 3221-3225.	1.7	13
54	Simple synthesis route of mesoporous AlOOH nanofibers to enhance immune responses. RSC Advances, 2013, 3, 8164.	1.7	13

#	Article	IF	Citations
55	Synergistic anti-tumor efficacy of a hollow mesoporous silica-based cancer vaccine and an immune checkpoint inhibitor at the local site. Acta Biomaterialia, 2022, 145, 235-245.	4.1	13
56	Silica Nanospheres: Hollow Structure Improved Anti-Cancer Immunity of Mesoporous Silica Nanospheres In Vivo (Small 26/2016). Small, 2016, 12, 3602-3602.	5.2	10
57	Tuning inflammation response via adjusting microstructure of hydroxyapatite and biomolecules modification. Colloids and Surfaces B: Biointerfaces, 2019, 177, 496-505.	2.5	10
58	DNA-lipid-apatite composite layers enhance gene expression of mesenchymal stem cells. Materials Science and Engineering C, 2013, 33, 512-518.	3.8	8
59	Facile and Mild Strategy Toward Biopolymer-Coated Boron Nitride Nanotubes via a Glycine-Assisted Interfacial Process. Journal of Physical Chemistry C, 0, , 130911093342002.	1.5	8
60	An immuno-potentiating vehicle made of mesoporous silica-zinc oxide micro-rosettes with enhanced doxorubicin loading for combined chemoimmunotherapy. Chemical Communications, 2019, 55, 961-964.	2.2	8
61	An MRI-visible immunoadjuvant based on hollow Gd₂O₃ nanospheres for cancer immunotherapy. Chemical Communications, 2020, 56, 8186-8189.	2.2	8
62	Tumor microenvironment-regulated nanoplatforms for the inhibition of tumor growth and metastasis in chemo-immunotherapy. Journal of Materials Chemistry B, 2022, 10, 3637-3647.	2.9	6
63	Formation of cytochrome Câ€“apatite composite layer on NaOH- and heat-treated titanium. Materials Science and Engineering C, 2009, 29, 766-770.	3.8	5
64	Length Fractionation of Boron Nitride Nanotubes Using Creamed Oil-in-Water Emulsions. Langmuir, 2014, 30, 1735-1740.	1.6	5
65	Boron nitride nanotubes as drug carriers. , 2016, , 79-94.		5
66	Tumor microenvironment regulation - enhanced radio - immunotherapy. , 2022, 138, 212867.		5
67	Tissue-engineered endothelial cell layers on surface-modified Ti for inhibiting in vitro platelet adhesion. Science and Technology of Advanced Materials, 2013, 14, 035002.	2.8	4
68	Cancer Immunotherapy: Comprehensive Mechanism Analysis of Mesoporousâ€Silicaâ€Nanoparticleâ€Induced Cancer Immunotherapy (Adv. Healthcare Mater. 10/2016). Advanced Healthcare Materials, 2016, 5, 1246-1246.	3.9	4
69	Aluminum Hydroxide Nanosheets with Structure-dependent Storage and Transportation toward Cancer Chemotherapy. Wuji Cailiao Xuebao/Journal of Inorganic Materials, 2019, , 1.	0.6	1
70	Novel Apatite-Pathogen-Associated Molecular Patterns Adjuvants for Cancer Immune Therapy. Key Engineering Materials, 0, 529-530, 471-474.	0.4	0
71	FGF-2-Zinc-Apatite Composite Layers on External Fixation Rod for Promoting Cell Activity. Key Engineering Materials, 0, 529-530, 480-485.	0.4	0