

Mingqiang Li

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

120
papers

5,812
citations

43
h-index

74
g-index

144
ext. papers

7,218
ext. citations

10.7
avg, IF

6.11
L-index

#	Paper	IF	Citations
120	A nanoparticulate dual scavenger for targeted therapy of inflammatory bowel disease.. <i>Science Advances</i> , 2022 , 8, eabj2372	14.3	10
119	Digital CRISPR/Cas12b-based platform enabled absolute quantification of viral RNA.. <i>Analytica Chimica Acta</i> , 2022 , 1192, 339336	6.6	5
118	CRISPR-Cas12a-regulated DNA adsorption and metallization on MXenes as enhanced enzyme mimics for sensitive colorimetric detection of hepatitis B virus DNA.. <i>Journal of Colloid and Interface Science</i> , 2022 , 613, 406-414	9.3	6
117	Metal nanoclusters combined with CRISPR-Cas12a for hepatitis B virus DNA detection. <i>Sensors and Actuators B: Chemical</i> , 2022 , 361, 131711	8.5	2
116	Advanced Nanotheranostics of CRISPR/Cas for Viral Hepatitis and Hepatocellular Carcinoma. <i>Advanced Science</i> , 2021 , e2102051	13.6	9
115	Inhibition of DNA replication initiation by silver nanoclusters. <i>Nucleic Acids Research</i> , 2021 , 49, 5074-5083	10.1	1
114	3D Printed Bioceramic Scaffolds as a Universal Therapeutic Platform for Synergistic Therapy of Osteosarcoma. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 18488-18499	9.5	3
113	Nanotheranostics for the Management of Hepatic Ischemia-Reperfusion Injury. <i>Small</i> , 2021 , 17, e20077271	11	12
112	A Versatile and Robust Platform for the Scalable Manufacture of Biomimetic Nanovaccines. <i>Advanced Science</i> , 2021 , 8, 2002020	13.6	16
111	Antiviral biomaterials. <i>Matter</i> , 2021 , 4, 1892-1918	12.7	5
110	HJURP promotes proliferation in prostate cancer cells through increasing CDKN1A degradation via the GSK3 β /JNK signaling pathway. <i>Cell Death and Disease</i> , 2021 , 12, 583	9.8	3
109	Spatiotemporal control of CRISPR/Cas9 gene editing. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 238	21	14
108	Flash Technology-Based Self-Assembly in Nanoformulation: From Fabrication to Biomedical Applications. <i>Materials Today</i> , 2021 , 42, 99-116	21.8	8
107	Coassembly of nucleus-targeting gold nanoclusters with CRISPR/Cas9 for simultaneous bioimaging and therapeutic genome editing. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 94-100	7.3	21
106	Biomaterial-assisted drug delivery for interstitial cystitis/bladder pain syndrome treatment. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 23-34	7.3	3
105	Recent advances in nanomaterials for colorimetric cancer detection. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 921-938	7.3	18
104	Venetoclax nanomedicine alleviates acute lung injury via increasing neutrophil apoptosis. <i>Biomaterials Science</i> , 2021 , 9, 4746-4754	7.4	3

103	Engineering Nano-Therapeutics to Boost Adoptive Cell Therapy for Cancer Treatment.. <i>Small Methods</i> , 2021 , 5, e2001191	12.8	7
102	Nanotechnology-Based Strategies for Early Diagnosis of Central Nervous System Disorders. <i>Advanced NanoBiomed Research</i> , 2021 , 1, 2100008	0	3
101	Manipulating Liver Bile Acid Signaling by Nanodelivery of Bile Acid Receptor Modulators for Liver Cancer Immunotherapy. <i>Nano Letters</i> , 2021 , 21, 6781-6791	11.5	0
100	Nanoparticle-mediated intravesical delivery of conditioned medium derived from mesenchymal stem cells for interstitial cystitis/bladder pain syndrome treatment. <i>Applied Materials Today</i> , 2021 , 24, 101144	6.6	0
99	Hemin particles-functionalized 3D printed scaffolds for combined photothermal and chemotherapy of osteosarcoma. <i>Chemical Engineering Journal</i> , 2021 , 422, 129919	14.7	6
98	Sensitive and rapid on-site detection of SARS-CoV-2 using a gold nanoparticle-based high-throughput platform coupled with CRISPR/Cas12-assisted RT-LAMP. <i>Sensors and Actuators B: Chemical</i> , 2021 , 345, 130411	8.5	24
97	Noble metal-molybdenum disulfide nanohybrids as dual fluorometric and colorimetric sensor for hepatitis B virus DNA detection. <i>Talanta</i> , 2021 , 234, 122675	6.2	10
96	Nanomedicine to advance the treatment of bacteria-induced acute lung injury. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 9100-9115	7.3	1
95	Challenges and Opportunities of Nanomedicines in Clinical Translation. <i>BIO Integration</i> , 2021 ,	4.1	33
94	Multifunctional hybrid sponge for postoperative management to inhibit tumor recurrence. <i>Biomaterials Science</i> , 2021 , 9, 4066-4075	7.4	2
93	Stem cell therapy and tissue engineering strategies using cell aggregates and decellularized scaffolds for the rescue of liver failure.. <i>Journal of Tissue Engineering</i> , 2021 , 12, 2041731420986711	7.5	7
92	Advanced Nanotheranostics of CRISPR/Cas for Viral Hepatitis and Hepatocellular Carcinoma (Adv. Sci. 24/2021). <i>Advanced Science</i> , 2021 , 8, 2170163	13.6	
91	Treatment of severe sepsis with nanoparticulate cell-free DNA scavengers. <i>Science Advances</i> , 2020 , 6, eaay7148	14.3	36
90	CRISPR/Cas9-mediated mutagenesis to validate the synergy between PARP1 inhibition and chemotherapy in -mutated breast cancer cells. <i>Bioengineering and Translational Medicine</i> , 2020 , 5, e10152	14.8	16
89	Dual-Color Plasmonic Nanosensor for Radiation Dosimetry. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 22499-22506	9.5	6
88	Oral delivery of bacteria: Basic principles and biomedical applications. <i>Journal of Controlled Release</i> , 2020 , 327, 801-833	11.7	17
87	A Versatile Nonviral Delivery System for Multiplex Gene-Editing in the Liver. <i>Advanced Materials</i> , 2020 , 32, e2003537	24	23
86	Codelivery of CRISPR-Cas9 and chlorin e6 for spatially controlled tumor-specific gene editing with synergistic drug effects. <i>Science Advances</i> , 2020 , 6, eabb4005	14.3	45

85	Gut-on-chip: Recreating human intestine in vitro. <i>Journal of Tissue Engineering</i> , 2020 , 11, 2041731420965348	15.6	57
84	Light: A Magical Tool for Controlled Drug Delivery. <i>Advanced Functional Materials</i> , 2020 , 30, 2005029	19.5	18
83	Applications of Nanobiomaterials in the Therapy and Imaging of Acute Liver Failure. <i>Nano-Micro Letters</i> , 2020 , 13, 25	7.7	47
82	A multifunctional mesoporous silica-gold nanocluster hybrid platform for selective breast cancer cell detection using a catalytic amplification-based colorimetric assay. <i>Nanoscale</i> , 2019 , 11, 2631-2636	2.4	8
81	Polysaccharides for Biomedical Applications. <i>International Journal of Polymer Science</i> , 2019 , 2019, 1-2	13.6	88
80	Engineering Cell Membrane-Based Nanotherapeutics to Target Inflammation. <i>Advanced Science</i> , 2019 , 6, 1900605	44.5	50
79	Spatial metagenomic characterization of microbial biogeography in the gut. <i>Nature Biotechnology</i> , 2019 , 37, 877-883	13.6	123
78	Janus Nanobullets Combine Photodynamic Therapy and Magnetic Hyperthermia to Potentiate Synergetic Anti-Metastatic Immunotherapy. <i>Advanced Science</i> , 2019 , 6, 1901690	11.5	40
77	Engineered Mesenchymal Stem Cell/Nanomedicine Spheroid as an Active Drug Delivery Platform for Combinational Glioblastoma Therapy. <i>Nano Letters</i> , 2019 , 19, 1701-1705	17.9	209
76	Engineered nanomedicines with enhanced tumor penetration. <i>Nano Today</i> , 2019 , 29, 100800	13.6	3
75	Immunotherapy: Janus Nanobullets Combine Photodynamic Therapy and Magnetic Hyperthermia to Potentiate Synergetic Anti-Metastatic Immunotherapy (Adv. Sci. 22/2019). <i>Advanced Science</i> , 2019 , 6, 1970136	9.5	41
74	Shape Engineering Boosts Magnetic Mesoporous Silica Nanoparticle-Based Isolation and Detection of Circulating Tumor Cells. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 10656-10663	13.6	111
73	Self-Stabilized Hyaluronate Nanogel for Intracellular Codelivery of Doxorubicin and Cisplatin to Osteosarcoma. <i>Advanced Science</i> , 2018 , 5, 1700821	11.5	153
72	Nonviral gene editing via CRISPR/Cas9 delivery by membrane-disruptive and endosomolytic helical polypeptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 4903-4908	15.6	40
71	FAK- and YAP/TAZ dependent mechanotransduction pathways are required for enhanced immunomodulatory properties of adipose-derived mesenchymal stem cells induced by aligned fibrous scaffolds. <i>Biomaterials</i> , 2018 , 171, 107-117	8.5	22
70	Fluorescent-magnetic Janus nanorods for selective capture and rapid identification of foodborne bacteria. <i>Sensors and Actuators B: Chemical</i> , 2018 , 260, 1004-1011	10	70
69	Tumor microenvironment-responsive hyaluronate-calcium carbonate hybrid nanoparticle enables effective chemotherapy for primary and advanced osteosarcomas. <i>Nano Research</i> , 2018 , 11, 4806-4822	2.6	10
68	Serum level of anti-Enolase antibody in untreated systemic lupus erythematosus patients correlates with 24-hour urine protein and D-dimer. <i>Lupus</i> , 2018 , 27, 139-142		

67	Long-acting hydrogel/microsphere composite sequentially releases dexmedetomidine and bupivacaine for prolonged synergistic analgesia. <i>Biomaterials</i> , 2018 , 181, 378-391	15.6	43
66	Precision-guided long-acting analgesia by Gel-immobilized bupivacaine-loaded microsphere. <i>Theranostics</i> , 2018 , 8, 3331-3347	12.1	39
65	Self-assembled dual fluorescence nanoparticles for CD44-targeted delivery of anti-miR-27a in liver cancer theranostics. <i>Theranostics</i> , 2018 , 8, 3808-3823	12.1	34
64	CRISPR Technology for Breast Cancer: Diagnostics, Modeling, and Therapy. <i>Advanced Biology</i> , 2018 , 2, 1800132	3.5	4
63	Sustained delivery of siRNA/mesoporous silica nanoparticle complexes from nanofiber scaffolds for long-term gene silencing. <i>Acta Biomaterialia</i> , 2018 , 76, 164-177	10.8	60
62	Graphene oxide cellular patches for mesenchymal stem cell-based cancer therapy. <i>Carbon</i> , 2018 , 129, 863-868	10.4	17
61	Shape-controlled magnetic mesoporous silica nanoparticles for magnetically-mediated suicide gene therapy of hepatocellular carcinoma. <i>Biomaterials</i> , 2018 , 154, 147-157	15.6	90
60	HPV Oncogene Manipulation Using Nonvirally Delivered CRISPR/Cas9 or Argonaute. <i>Advanced Science</i> , 2018 , 5, 1700540	13.6	55
59	Bioinspired Diselenide-Bridged Mesoporous Silica Nanoparticles for Dual-Responsive Protein Delivery. <i>Advanced Materials</i> , 2018 , 30, e1801198	24	184
58	Real-time observation of leukocyte-endothelium interactions in tissue-engineered blood vessel. <i>Lab on A Chip</i> , 2018 , 18, 2047-2054	7.2	20
57	Injectable Hydrogel-Microsphere Construct with Sequential Degradation for Locally Synergistic Chemotherapy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 3487-3496	9.5	59
56	A versatile platform for surface modification of microfluidic droplets. <i>Lab on A Chip</i> , 2017 , 17, 635-639	7.2	10
55	Inhibiting Solid Tumor Growth In Vivo by Non-Tumor-Penetrating Nanomedicine. <i>Small</i> , 2017 , 13, 1600954	14	31
54	Magnetic Janus nanorods for efficient capture, separation and elimination of bacteria. <i>RSC Advances</i> , 2017 , 7, 3550-3553	3.7	13
53	Targeted hydroxyethyl starch prodrug for inhibiting the growth and metastasis of prostate cancer. <i>Biomaterials</i> , 2017 , 116, 82-94	15.6	82
52	Pattern-based sensing of triple negative breast cancer cells with dual-ligand cofunctionalized gold nanoclusters. <i>Biomaterials</i> , 2017 , 116, 21-33	15.6	40
51	Carbon dots for tracking and promoting the osteogenic differentiation of mesenchymal stem cells. <i>Biomaterials Science</i> , 2017 , 5, 1820-1827	7.4	60
50	CRISPR/Cas9-Based Genome Editing for Disease Modeling and Therapy: Challenges and Opportunities for Nonviral Delivery. <i>Chemical Reviews</i> , 2017 , 117, 9874-9906	68.1	287

49	Janus silver mesoporous silica nanobullets with synergistic antibacterial functions. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 157, 199-206	6	29
48	Janus Silver/Silica Nanoplatfoms for Light-Activated Liver Cancer Chemo/Photothermal Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 30306-30317	9.5	65
47	Janus Gold Nanoplatfom for Synergetic Chemoradiotherapy and Computed Tomography Imaging of Hepatocellular Carcinoma. <i>ACS Nano</i> , 2017 , 11, 12732-12741	16.7	108
46	Berberine-loaded Janus nanocarriers for magnetic field-enhanced therapy against hepatocellular carcinoma. <i>Chemical Biology and Drug Design</i> , 2017 , 89, 464-469	2.9	39
45	Incorporating gold nanoclusters and target-directed liposomes as a synergistic amplified colorimetric sensor for HER2-positive breast cancer cell detection. <i>Theranostics</i> , 2017 , 7, 899-911	12.1	50
44	The efficacy of proanthocyanidins and secnidazole in the treatment of chronic periodontitis after scaling and root planing therapy. <i>Journal of Biological Regulators and Homeostatic Agents</i> , 2017 , 31, 93-97	7	2
43	Enhanced osteoblast adhesion on amino-functionalized titanium surfaces through combined plasma enhanced chemical vapor deposition (PECVD) method. <i>RSC Advances</i> , 2016 , 6, 82688-82697	3.7	13
42	Cell-laden microfluidic microgels for tissue regeneration. <i>Lab on A Chip</i> , 2016 , 16, 4482-4506	7.2	92
41	Cisplatin Loaded Poly(L-glutamic acid)-g-Methoxy Poly(ethylene glycol) Complex Nanoparticles for Potential Cancer Therapy: Preparation, In Vitro and In Vivo Evaluation. <i>Journal of Biomedical Nanotechnology</i> , 2016 , 12, 69-78	4	45
40	Polymorphisms in Wnt signaling pathway genes are associated with peak bone mineral density, lean mass, and fat mass in Chinese male nuclear families. <i>Osteoporosis International</i> , 2016 , 27, 1805-15	5.3	12
39	A cooperative polymeric platform for tumor-targeted drug delivery. <i>Chemical Science</i> , 2016 , 7, 728-736	9.4	43
38	Polymer Nanoparticle-Based Chemotherapy for Spinal Malignancies. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-14	3.2	3
37	Smart Polymeric Nanocarriers. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-2	3.2	3
36	One-Step "Click Chemistry"-Synthesized Cross-Linked Prodrug Nanogel for Highly Selective Intracellular Drug Delivery and Upregulated Antitumor Efficacy. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 10673-82	9.5	59
35	A comparative study of linear, Y-shaped and linear-dendritic methoxy poly(ethylene glycol)-block-polyamidoamine-block-poly(L-glutamic acid) block copolymers for doxorubicin delivery in vitro and in vivo. <i>Acta Biomaterialia</i> , 2016 , 40, 243-253	10.8	18
34	Targeted delivery of cisplatin by LHRH-peptide conjugated dextran nanoparticles suppresses breast cancer growth and metastasis. <i>Acta Biomaterialia</i> , 2015 , 18, 132-43	10.8	74
33	Metal nanoclusters: novel probes for diagnostic and therapeutic applications. <i>Chemical Society Reviews</i> , 2015 , 44, 8636-63	58.5	504
32	PEG-polypeptide conjugated with LHRH as an efficient vehicle for targeted delivery of doxorubicin to breast cancer. <i>Journal of Controlled Release</i> , 2015 , 213, e99	11.7	7

31	Genetic polymorphisms in the mevalonate pathway affect the therapeutic response to alendronate treatment in postmenopausal Chinese women with low bone mineral density. <i>Pharmacogenomics Journal</i> , 2015 , 15, 158-64	3.5	16
30	Cisplatin complexes stabilized poly(glutamic acid) for controlled delivery of doxorubicin. <i>Journal of Controlled Release</i> , 2015 , 213, e48-9	11.7	4
29	Doxorubicin-loaded polysaccharide nanoparticles suppress the growth of murine colorectal carcinoma and inhibit the metastasis of murine mammary carcinoma in rodent models. <i>Biomaterials</i> , 2015 , 51, 161-172	15.6	67
28	Core-cross-linked micellar nanoparticles from a linear-dendritic prodrug for dual-responsive drug delivery. <i>Polymer Chemistry</i> , 2014 , 5, 2801-2808	4.9	48
27	Synergistic antitumor effects of doxorubicin-loaded carboxymethyl cellulose nanoparticle in combination with endostar for effective treatment of non-small-cell lung cancer. <i>Advanced Healthcare Materials</i> , 2014 , 3, 1877-88	10.1	25
26	Efficient side-chain modification of dextran via base-catalyzed epoxide ring-opening and thiol-ene click chemistry in aqueous media. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014 , 32, 969-974	3.5	8
25	LHRH-peptide conjugated dextran nanoparticles for targeted delivery of cisplatin to breast cancer. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 3490-3499	7.3	29
24	Well-defined polymer-drug conjugate engineered with redox and pH-sensitive release mechanism for efficient delivery of paclitaxel. <i>Journal of Controlled Release</i> , 2014 , 194, 220-7	11.7	152
23	Charge-conversional PEG-polypeptide polyionic complex nanoparticles from simple blending of a pair of oppositely charged block copolymers as an intelligent vehicle for efficient antitumor drug delivery. <i>Molecular Pharmaceutics</i> , 2014 , 11, 1562-74	5.6	51
22	Co-delivery of doxorubicin and paclitaxel with linear-dendritic block copolymer for enhanced anti-cancer efficacy. <i>Science China Chemistry</i> , 2014 , 57, 624-632	7.9	24
21	Co-delivery of doxorubicin and paclitaxel by PEG-polypeptide nanovehicle for the treatment of non-small cell lung cancer. <i>Biomaterials</i> , 2014 , 35, 6118-29	15.6	259
20	Anti-tumor efficacy of c(RGDfK)-decorated polypeptide-based micelles co-loaded with docetaxel and cisplatin. <i>Biomaterials</i> , 2014 , 35, 3005-14	15.6	113
19	Cisplatin crosslinked pH-sensitive nanoparticles for efficient delivery of doxorubicin. <i>Biomaterials</i> , 2014 , 35, 3851-64	15.6	219
18	Polypeptide-based combination of paclitaxel and cisplatin for enhanced chemotherapy efficacy and reduced side-effects. <i>Acta Biomaterialia</i> , 2014 , 10, 1392-402	10.8	95
17	Polypeptide/doxorubicin hydrochloride polymersomes prepared through organic solvent-free technique as a smart drug delivery platform. <i>Macromolecular Bioscience</i> , 2013 , 13, 1150-62	5.5	37
16	Cationic dendron-bearing lipids: investigating structure-activity relationships for small interfering RNA delivery. <i>Biomacromolecules</i> , 2013 , 14, 4289-300	6.9	30
15	Doxorubicin-loaded amphiphilic polypeptide-based nanoparticles as an efficient drug delivery system for cancer therapy. <i>Acta Biomaterialia</i> , 2013 , 9, 9330-42	10.8	157
14	pH and reduction dual-responsive nanogel cross-linked by quaternization reaction for enhanced cellular internalization and intracellular drug delivery. <i>Polymer Chemistry</i> , 2013 , 4, 1199-1207	4.9	114

13	Nanoscaled poly(L-glutamic acid)/doxorubicin-amphiphile complex as pH-responsive drug delivery system for effective treatment of nonsmall cell lung cancer. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 1781-92	9.5	171
12	Co-delivery of 10-hydroxycamptothecin with doxorubicin conjugated prodrugs for enhanced anticancer efficacy. <i>Macromolecular Bioscience</i> , 2013 , 13, 584-94	5.5	55
11	Methoxypoly(ethylene glycol)-block-poly(L-glutamic acid)-loaded cisplatin and a combination with iRGD for the treatment of non-small-cell lung cancers. <i>Macromolecular Bioscience</i> , 2012 , 12, 1514-23	5.5	72
10	Tunable pH-sensitive poly(α -amino ester)s synthesized from primary amines and diacrylates for intracellular drug delivery. <i>Macromolecular Bioscience</i> , 2012 , 12, 1375-83	5.5	41
9	Treatment of metastatic spinal cord compression: cepo review and clinical recommendations. <i>Current Oncology</i> , 2012 , 19, e478-90	2.8	34
8	Facile preparation of a cationic poly(amino acid) vesicle for potential drug and gene co-delivery. <i>Nanotechnology</i> , 2011 , 22, 494012	3.4	57
7	Pro12Ala polymorphism in the PPARG gene contributes to the development of diabetic nephropathy in Chinese type 2 diabetic patients. <i>Diabetes Care</i> , 2010 , 33, 144-9	14.6	40
6	Pro12Ala Polymorphism in the PPARG Gene Contributes to the Development of Diabetic Nephropathy in Chinese Type 2 Diabetic Patients: Response to Lapice et al.. <i>Diabetes Care</i> , 2010 , 33, e115-e115	14.6	
5	Controlled Synthesis of Various Hollow Cu Nano/MicroStructures via a Novel Reduction Route. <i>Advanced Functional Materials</i> , 2007 , 17, 933-938	15.6	74
4	Characterization of the effects of mutations in the putative branchpoint sequence of intron 4 on the splicing within the human lecithin:cholesterol acyltransferase gene. <i>Journal of Biological Chemistry</i> , 2000 , 275, 18079-84	5.4	23
3	T-->G or T-->A mutation introduced in the branchpoint consensus sequence of intron 4 of lecithin:cholesterol acyltransferase (LCAT) gene: intron retention causing LCAT deficiency. <i>Lipids and Lipid Metabolism</i> , 1998 , 1391, 256-64		8
2	An Injectable Antibiotic Hydrogel that Scavenges Proinflammatory Factors for the Treatment of Severe Abdominal Trauma. <i>Advanced Functional Materials</i> , 2111698	15.6	1
1	Phase transferring luminescent gold nanoclusters via single-stranded DNA. <i>Science China Chemistry</i> , 1	7.9	0