

Maling Gou

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72
papers

3,424
citations

24
h-index

58
g-index

82
ext. papers

4,223
ext. citations

7.6
avg, IF

5.14
L-index

#	Paper	IF	Citations
72	3D printing of functional biomaterials for tissue engineering. <i>Current Opinion in Biotechnology</i> , 2016 , 40, 103-112	11.4	382
71	A vaccine targeting the RBD of the S protein of SARS-CoV-2 induces protective immunity. <i>Nature</i> , 2020 , 586, 572-577	50.4	348
70	Curcumin-loaded biodegradable polymeric micelles for colon cancer therapy in vitro and in vivo. <i>Nanoscale</i> , 2011 , 3, 1558-67	7.7	317
69	Direct 3D bioprinting of prevascularized tissue constructs with complex microarchitecture. <i>Biomaterials</i> , 2017 , 124, 106-115	15.6	313
68	Bio-inspired detoxification using 3D-printed hydrogel nanocomposites. <i>Nature Communications</i> , 2014 , 5, 3774	17.4	219
67	3D bioprinting of functional tissue models for personalized drug screening and in vitro disease modeling. <i>Advanced Drug Delivery Reviews</i> , 2018 , 132, 235-251	18.5	201
66	Bioprinting of skin constructs for wound healing. <i>Burns and Trauma</i> , 2018 , 6, 5	5.3	105
65	A novel injectable local hydrophobic drug delivery system: Biodegradable nanoparticles in thermo-sensitive hydrogel. <i>International Journal of Pharmaceutics</i> , 2008 , 359, 228-33	6.5	101
64	Preparation of MPEG-PLA nanoparticle for honokiol delivery in vitro. <i>International Journal of Pharmaceutics</i> , 2010 , 386, 262-7	6.5	96
63	Poly(epsilon-caprolactone)-poly(ethylene glycol)-poly(epsilon-caprolactone) (PCL-PEG-PCL) nanoparticles for honokiol delivery in vitro. <i>International Journal of Pharmaceutics</i> , 2009 , 375, 170-6	6.5	95
62	3D-engineering of Cellularized Conduits for Peripheral Nerve Regeneration. <i>Scientific Reports</i> , 2016 , 6, 32184	4.9	91
61	Efficient inhibition of C-26 colon carcinoma by VSVMP gene delivered by biodegradable cationic nanogel derived from polyethyleneimine. <i>ACS Nano</i> , 2010 , 4, 5573-84	16.7	74
60	PCL/PEG copolymeric nanoparticles: potential nanoplatforms for anticancer agent delivery. <i>Current Drug Targets</i> , 2011 , 12, 1131-50	3	73
59	Noninvasive in vivo 3D bioprinting. <i>Science Advances</i> , 2020 , 6, eaba7406	14.3	72
58	Rapid 3D printing of functional nanoparticle-enhanced conduits for effective nerve repair. <i>Acta Biomaterialia</i> , 2019 , 90, 49-59	10.8	70
57	Self-assembled hydrophobic honokiol loaded MPEG-PCL diblock copolymer micelles. <i>Pharmaceutical Research</i> , 2009 , 26, 2164-73	4.5	69
56	Poly(epsilon-caprolactone)/poly(ethylene glycol)/poly(epsilon-caprolactone) nanoparticles: preparation, characterization, and application in doxorubicin delivery. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 12928-33	3.4	68

55	Digital Light Processing Based Three-dimensional Printing for Medical Applications. <i>International Journal of Bioprinting</i> , 2020 , 6, 242	6.2	50
54	A 3D-engineered porous conduit for peripheral nerve repair. <i>Scientific Reports</i> , 2017 , 7, 46038	4.9	46
53	Preparation of mannan modified anionic PCL-PEG-PCL nanoparticles at one-step for bFGF antigen delivery to improve humoral immunity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2008 , 64, 135-9	6	37
52	Generation of electricity from CO ₂ mineralization: Principle and realization. <i>Science China Technological Sciences</i> , 2014 , 57, 2335-2343	3.5	30
51	Efficient delivery of antigen to DCs using yeast-derived microparticles. <i>Scientific Reports</i> , 2015 , 5, 10687	4.9	26
50	A 3D-Engineered Conformal Implant Releases DNA Nanocomplexs for Eradicating the Postsurgery Residual Glioblastoma. <i>Advanced Science</i> , 2017 , 4, 1600491	13.6	25
49	Improving anticancer activity and reducing systemic toxicity of doxorubicin by self-assembled polymeric micelles. <i>Nanotechnology</i> , 2011 , 22, 095102	3.4	25
48	Polymeric matrix for drug delivery: honokiol-loaded PCL-PEG-PCL nanoparticles in PEG-PCL-PEG thermosensitive hydrogel. <i>Journal of Biomedical Materials Research - Part A</i> , 2010 , 93, 219-26	5.4	24
47	Improving Mechanical Properties for Extrusion-Based Additive Manufacturing of Poly(Lactic Acid) by Annealing and Blending with Poly(3-Hydroxybutyrate). <i>Polymers</i> , 2019 , 11,	4.5	23
46	3D printing of nerve conduits with nanoparticle-encapsulated RGFP966. <i>Applied Materials Today</i> , 2019 , 16, 247-256	6.6	21
45	Carbonate esters turn camptothecin-unsaturated fatty acid prodrugs into nanomedicines for cancer therapy. <i>Chemical Communications</i> , 2018 , 54, 1996-1999	5.8	21
44	3D printed titanium scaffolds with homogeneous diamond-like structures mimicking that of the osteocyte microenvironment and its bone regeneration study. <i>Biofabrication</i> , 2020 ,	10.5	20
43	3D-Printed Nerve Conduits with Live Platelets for Effective Peripheral Nerve Repair. <i>Advanced Functional Materials</i> , 2020 , 30, 2004272	15.6	18
42	Efficient intravesical therapy of bladder cancer with cationic doxorubicin nanoassemblies. <i>International Journal of Nanomedicine</i> , 2016 , 11, 4535-4544	7.3	18
41	Modulating physical, chemical, and biological properties in 3D printing for tissue engineering applications. <i>Applied Physics Reviews</i> , 2018 , 5,	17.3	17
40	Codelivery of thioridazine and doxorubicin using nanoparticles for effective breast cancer therapy. <i>International Journal of Nanomedicine</i> , 2016 , 11, 4545-4552	7.3	16
39	Fabrication and in vivo chondrification of a poly(propylene carbonate)/L-lactide-grafted tetracalcium phosphate electrospun scaffold for cartilage tissue engineering. <i>RSC Advances</i> , 2015 , 5, 42943-42954	3.7	15
38	Transdermal anaesthesia with lidocaine nano-formulation pretreated with low-frequency ultrasound in rats model. <i>Journal of Nanoscience and Nanotechnology</i> , 2009 , 9, 6360-5	1.3	15

37	3D-engineered GelMA conduit filled with ECM promotes regeneration of peripheral nerve. <i>Journal of Biomedical Materials Research - Part A</i> , 2020 , 108, 805-813	5.4	15
36	Loss of Gs μ impairs liver regeneration through a defect in the crosstalk between cAMP and growth factor signaling. <i>Journal of Hepatology</i> , 2016 , 64, 342-351	13.4	14
35	Co-assembling FRET nanomedicine with self-indicating drug release. <i>Chemical Communications</i> , 2018 , 54, 11618-11621	5.8	14
34	Polydiacetylene-Nanoparticle-Functionalized Microgels for Topical Bacterial Infection Treatment. <i>ACS Macro Letters</i> , 2019 , 563-568	6.6	13
33	Antitumor effects of heparin-polyethyleneimine nanogels delivering claudin-3-targeted short hairpin RNA combined with low-dose cisplatin on ovarian cancer. <i>Oncology Reports</i> , 2014 , 31, 1623-8	3.5	13
32	A 3D-Printed Self-Adhesive Bandage with Drug Release for Peripheral Nerve Repair. <i>Advanced Science</i> , 2020 , 7, 2002601	13.6	13
31	Functional Nanoparticles Activate a Decellularized Liver Scaffold for Blood Detoxification. <i>Small</i> , 2016 , 12, 2067-76	11	12
30	Modular Engineering of Targeted Dual-Drug Nanoassemblies for Cancer Chemoimmunotherapy. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 36371-36382	9.5	11
29	Prognostic role of early D-dimer level in patients with acute ischemic stroke. <i>PLoS ONE</i> , 2019 , 14, e0211458	4.58	11
28	A Vesicular Stomatitis Virus-Inspired DNA Nanocomplex for Ovarian Cancer Therapy. <i>Advanced Science</i> , 2018 , 5, 1700263	13.6	10
27	Basic fibroblast growth factor loaded biodegradable PCL-PEG-PCL copolymeric nanoparticles: preparation, in vitro release and immunogenicity study. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 2357-61	1.3	10
26	Improved antitumor activity and reduced myocardial toxicity of doxorubicin encapsulated in MPEG-PCL nanoparticles. <i>Oncology Reports</i> , 2016 , 35, 3600-6	3.5	10
25	Kinetic stability-driven cytotoxicity of small-molecule prodrug nanoassemblies. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 5563-5572	7.3	9
24	3D Printing Enabled Customization of Functional Microgels. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 12209-12215	9.5	9
23	Targeted nanoparticle-mediated LHPP for melanoma treatment. <i>International Journal of Nanomedicine</i> , 2019 , 14, 3455-3468	7.3	8
22	RhoA-stimulated intra-capillary morphology switch facilitates the arrest of individual circulating tumor cells. <i>International Journal of Cancer</i> , 2018 , 142, 2094-2105	7.5	8
21	Efficient Inhibition of Ovarian Cancer by Gelonin Toxin Gene Delivered by Biodegradable Cationic Heparin-polyethyleneimine Nanogels. <i>International Journal of Medical Sciences</i> , 2015 , 12, 397-406	3.7	8
20	Targeted Nanoparticle-Mediated Gene Therapy Mimics Oncolytic Virus for Effective Melanoma Treatment. <i>Advanced Functional Materials</i> , 2018 , 28, 1800173	15.6	8

19	An evaluation of the wound healing potential of tetrahydrocurcumin-loaded MPEG-PLA nanoparticles. <i>Journal of Biomaterials Applications</i> , 2019 , 34, 315-325	2.9	7
18	A conformal hydrogel nanocomposite for local delivery of paclitaxel. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017 , 28, 107-118	3.5	7
17	Light-activated drug release from prodrug nanoassemblies by structure destruction. <i>Chemical Communications</i> , 2019 , 55, 13128-13131	5.8	7
16	Ovarian Cancer Therapy by VSVMP Gene Mediated by a Paclitaxel-Enhanced Nanoparticle. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 39152-39164	9.5	6
15	RGD-Modified Nanocarrier-Mediated Targeted Delivery of Plasmid DNA to Cerebrovascular Endothelial Cells for Ischemic Stroke Treatment. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 6254-6264	5.5	6
14	Nanoparticles co-delivering pVSVMP and pIL12 for synergistic gene therapy of colon cancer. <i>RSC Advances</i> , 2017 , 7, 32613-32623	3.7	6
13	Efficient inhibition of ovarian cancer by degradable nanoparticle-delivered survivin T34A gene. <i>International Journal of Nanomedicine</i> , 2016 , 11, 501-12	7.3	6
12	A nanoparticle-functionalized wound dressing device for toxin neutralization. <i>Materials and Design</i> , 2020 , 188, 108431	8.1	5
11	3D printed porous microgel for lung cancer cells culture in vitro. <i>Materials and Design</i> , 2021 , 210, 110079	8.1	4
10	3D printing of functional nerve guide conduits. <i>Burns and Trauma</i> , 2021 , 9, tkab011	5.3	4
9	Differential diagnosis of acute miliary pulmonary tuberculosis from widespread-metastatic cancer for postoperative lung cancer patients: two cases. <i>Journal of Thoracic Disease</i> , 2017 , 9, E115-E120	2.6	3
8	A biomimetic nanoparticle-enabled toxoid vaccine against melittin. <i>International Journal of Nanomedicine</i> , 2018 , 13, 3251-3261	7.3	3
7	Thiol-Functionalized Mesoporous Silica for Effective Trap of Mercury in Rats. <i>Journal of Nanomaterials</i> , 2016 , 2016, 1-10	3.2	3
6	Salvage treatment with erlotinib after gefitinib failure in advanced non-small-cell lung cancer patients with poor performance status: A matched-pair case-control study. <i>Thoracic Cancer</i> , 2012 , 3, 27-33	3.2	2
5	Cancer Therapy with Nanoparticle-Medicated Intracellular Expression of Peptide CRM1-Inhibitor. <i>International Journal of Nanomedicine</i> , 2021 , 16, 2833-2847	7.3	2
4	Enhanced antitumor effect of biodegradable cationic heparin-polyethyleneimine nanogels delivering FILIP1L103 gene combined with low-dose cisplatin on ovarian cancer. <i>Oncotarget</i> , 2017 , 8, 76432-76442	3.3	1
3	Targeted Nanotherapeutics Using LACTB Gene Therapy Against Melanoma. <i>International Journal of Nanomedicine</i> , 2021 , 16, 7697-7709	7.3	1
2	Expression of Microtubule-Associated Proteins in Relation to Prognosis and Efficacy of Immunotherapy in Non-Small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2021 , 11, 680402	5.3	1

1 Nerve transfer with 3D-printed branch nerve conduits.. *Burns and Trauma*, **2022**, 10, tkac010

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