

Peng Zhao

List of Publications by Year in descending order

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65
papers

2,298
citations

331670

21
h-index

265206

42
g-index

66
all docs

66
docs citations

66
times ranked

3995
citing authors

#	ARTICLE	IF	CITATIONS
1	Gut microbiome affects the response to anti-PD-1 immunotherapy in patients with hepatocellular carcinoma. , 2019, 7, 193.		304
2	Generation of Multicellular Tumor Spheroids with Microwell-Based Agarose Scaffolds for Drug Testing. PLoS ONE, 2015, 10, e0130348.	2.5	265
3	ER Stress Drives Lipogenesis and Steatohepatitis via Caspase-2 Activation of S1P. Cell, 2018, 175, 133-145.e15.	28.9	219
4	An AMPK-caspase-6 axis controls liver damage in nonalcoholic steatohepatitis. Science, 2020, 367, 652-660.	12.6	183
5	Cryoprotectant enables structural control of porous scaffolds for exploration of cellular mechano-responsiveness in 3D. Nature Communications, 2019, 10, 3491.	12.8	117
6	Attractive Pickering Emulsion Gels. Advanced Materials, 2021, 33, e2102362.	21.0	78
7	Injectable dextran hydrogels fabricated by metal-free click chemistry for cartilage tissue engineering. Materials Science and Engineering C, 2017, 73, 21-30.	7.3	71
8	Over-expression of cathepsin B in hepatocellular carcinomas predicts poor prognosis of HCC patients. Molecular Cancer, 2016, 15, 17.	19.2	69
9	3D-Printed Biomimetic Systems with Synergetic Color and Shape Responses Based on Oblate Cholesteric Liquid Crystal Droplets. Advanced Materials, 2021, 33, e2006361.	21.0	68
10	MiR-661 promotes tumor invasion and metastasis by directly inhibiting RB1 in non small cell lung cancer. Molecular Cancer, 2017, 16, 122.	19.2	60
11	Anti-PD-1/PD-L1 Blockade Immunotherapy Employed in Treating Hepatitis B Virus Infection-Related Advanced Hepatocellular Carcinoma: A Literature Review. Frontiers in Immunology, 2020, 11, 1037.	4.8	55
12	Hydroxyapatite-doped polycaprolactone nanofiber membrane improves tendon–bone interface healing for anterior cruciate ligament reconstruction. International Journal of Nanomedicine, 2015, 10, 7333.	6.7	37
13	Nanoparticle-Stabilized Oxygen Microcapsules Prepared by Interfacial Polymerization for Enhanced Oxygen Delivery. Angewandte Chemie - International Edition, 2021, 60, 9284-9289.	13.8	37
14	Theranostic nanoparticles based on bioreducible polyethylenimine-coated iron oxide for reduction-responsive gene delivery and magnetic resonance imaging. International Journal of Nanomedicine, 2014, 9, 3347.	6.7	35
15	Layer-by-layer self-assembled multilayers on PEEK implants improve osseointegration in an osteoporosis rabbit model. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 1423-1433.	3.3	35
16	Local delivery of controlled-release simvastatin to improve the biocompatibility of polyethylene terephthalate artificial ligaments for reconstruction of the anterior cruciate ligament. International Journal of Nanomedicine, 2016, 11, 465.	6.7	34
17	Clostridium difficile colonization in preoperative colorectal cancer patients. Oncotarget, 2017, 8, 11877-11886.	1.8	33
18	In-situ forming biodegradable glycol chitosan-based hydrogels: Synthesis, characterization, and chondrocyte culture. Materials Science and Engineering C, 2012, 32, 2017-2025.	7.3	32

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19	Predictive value of preoperative peripheral blood neutrophil/lymphocyte ratio for lymph node metastasis in patients of resectable pancreatic neuroendocrine tumors: a nomogram-based study. <i>World Journal of Surgical Oncology</i> , 2017, 15, 108.	1.9	32
20	Multifunctional cationic polyurethanes designed for non-viral cancer gene therapy. <i>Acta Biomaterialia</i> , 2016, 30, 155-167.	8.3	30
21	Increased Expression of Cathepsin L: A Novel Independent Prognostic Marker of Worse Outcome in Hepatocellular Carcinoma Patients. <i>PLoS ONE</i> , 2014, 9, e112136.	2.5	28
22	Clinical Significance of Somatostatin Receptor (SSTR) 2 in Meningioma. <i>Frontiers in Oncology</i> , 2020, 10, 1633.	2.8	28
23	<p>A LbL-Assembled Bioactive Coating Modified Nanofibrous Membrane for Rapid Tendon-Bone Healing in ACL Reconstruction</p>. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 9159-9172.	6.7	24
24	Increased circulating GrMyeloid-derived suppressor cells correlated with tumor burden and survival in locally advanced cervical cancer patient. <i>Journal of Cancer</i> , 2019, 10, 1341-1348.	2.5	22
25	Emulsion Designer Using Microfluidic Threeâ€³Dimensional Droplet Printing in Droplet. <i>Small</i> , 2021, 17, e2102579.	10.0	22
26	A family of cationic polyamides for in vitro and in vivo gene transfection. <i>Acta Biomaterialia</i> , 2015, 22, 120-130.	8.3	21
27	Neuroprotective Effects of VEGF-A Nanofiber Membrane and FAAH Inhibitor URB597 Against Oxygenâ€³Glucose Deprivation-Induced Ischemic Neuronal Injury. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 3661-3678.	6.7	21
28	Molecular Subgroups of Intrahepatic Cholangiocarcinoma Discovered by Single-Cell RNA Sequencingâ€³Assisted Multiomics Analysis. <i>Cancer Immunology Research</i> , 2022, 10, 811-828.	3.4	21
29	Heparanase is involved in proliferation and invasion of ovarian cancer cells. <i>Cancer Biomarkers</i> , 2015, 15, 525-534.	1.7	19
30	Mechanochromic Responses of Cholesteric Liquid Crystal Droplets with Nanoscale Periodic Helical Structures Showing Reversible and Tunable Structural Color. <i>ACS Applied Polymer Materials</i> , 2022, 4, 463-468.	4.4	19
31	A Potential Nanofiber Membrane Device for Filling Surgical Residual Cavity to Prevent Glioma Recurrence and Improve Local Neural Tissue Reconstruction. <i>PLoS ONE</i> , 2016, 11, e0161435.	2.5	17
32	Synthesis of bioreducible core crosslinked star polymers with N,Nâ€³-bis(acryloyl)cystamine crosslinker via aqueous ethanol dispersion RAFT polymerization. <i>Polymer</i> , 2018, 146, 378-385.	3.8	17
33	A pH and Redox Dual Responsive 4-Arm Poly(ethylene glycol)-block-poly(disulfide histamine) Copolymer for Non-Viral Gene Transfection in Vitro and in Vivo. <i>International Journal of Molecular Sciences</i> , 2014, 15, 9067-9081.	4.1	16
34	A naive Bayes algorithm for tissue origin diagnosis (TODâ€³Bayes) of synchronous multifocal tumors in the hepatobiliary and pancreatic system. <i>International Journal of Cancer</i> , 2018, 142, 357-368.	5.1	16
35	An Injectable Bioorthogonal Dextran Hydrogel for Enhanced Chondrogenesis of Primary Stem Cells. <i>Tissue Engineering - Part C: Methods</i> , 2018, 24, 504-513.	2.1	15
36	Nutrition and metabolism status alteration in advanced hepatocellular carcinoma patients treated with anti-PD-1 immunotherapy. <i>Supportive Care in Cancer</i> , 2020, 28, 5569-5579.	2.2	15

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37	Fabrication of Photo-crosslinked Chitosan- Gelatin Scaffold in Sodium Alginate Hydrogel for Chondrocyte Culture. <i>Bio-Medical Materials and Engineering</i> , 2014, 24, 633-641.	0.6	14
38	A hierarchical assembly strategy to engineer dextran-enveloped polyurethane nanopolyplexes for robust ovarian cancer gene therapy. <i>Acta Biomaterialia</i> , 2018, 78, 260-273.	8.3	14
39	Bioactive LbL-assembled multilayer nanofilms upregulate tenogenesis and angiogenesis enabling robust healing of degenerative rotator cuff tendons <i>in vivo</i> . <i>Biomaterials Science</i> , 2019, 7, 4388-4398.	5.4	13
40	Antibiotics and immunotherapy in gastrointestinal tumors: Friend or foe?. <i>World Journal of Clinical Cases</i> , 2019, 7, 1253-1261.	0.8	13
41	Carcinoma of Unknown Primary with <i>EML4-ALK</i> Fusion Response to <i>ALK</i> Inhibitors. <i>Oncologist</i> , 2019, 24, 449-454.	3.7	12
42	“Druggable” alterations detected by Ion Torrent in metastatic colorectal cancer patients. <i>Oncology Letters</i> , 2014, 7, 1761-1766.	1.8	10
43	Biodegradable gadolinium-chelated cationic poly(urethane amide) copolymers for gene transfection and magnetic resonance imaging. <i>Materials Science and Engineering C</i> , 2016, 65, 181-187.	7.3	10
44	Comparison of different therapeutic strategies for complete hydatidiform mole in women at least 40 years old: a retrospective cohort study. <i>BMC Cancer</i> , 2017, 17, 733.	2.6	10
45	Fabrication of cationic polymer surface through plasma polymerization and layer-by-layer assembly. <i>Materials and Manufacturing Processes</i> , 2020, 35, 221-229.	4.7	9
46	FOXC2 is a prognostic biomarker and contributes to the growth and invasion of human hepatocellular carcinoma. <i>Cancer Cell International</i> , 2020, 20, 196.	4.1	9
47	Aberrant Expression of HOXA5 and HOXA9 in AML. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 3941-3944.	1.2	9
48	The prognostic value of plasma soluble CD40 ligand levels in patients with nasopharyngeal carcinoma. <i>Clinica Chimica Acta</i> , 2015, 447, 66-70.	1.1	8
49	Intravenous anti-VEGF agents with RGD peptide-targeted core cross-linked star (CCS) polymers modified with indocyanine green for imaging and treatment of laser-induced choroidal neovascularization. <i>Biomaterials Science</i> , 2020, 8, 4481-4491.	5.4	8
50	Porous Polystyrene Monoliths and Microparticles Prepared from Core Cross-linked Star (CCS) Polymers-Stabilized Emulsions. <i>Scientific Reports</i> , 2017, 7, 8493.	3.3	7
51	Neurokinin-2 receptor polymorphism predicts lymph node metastasis in colorectal cancer patients. <i>Oncology Letters</i> , 2015, 9, 2003-2006.	1.8	5
52	A Novel Prediction Model for Postmolar Gestational Trophoblastic Neoplasia and Comparison With Existing Models. <i>International Journal of Gynecological Cancer</i> , 2017, 27, 1028-1034.	2.5	5
53	Dynamic alterations of genome and transcriptome in KRAS G13D mutant CRC PDX model treated with cetuximab. <i>BMC Cancer</i> , 2020, 20, 416.	2.6	5
54	Serum lipids and the pathogenesis of Parkinson's disease: A systematic review and meta-analysis. <i>International Journal of Clinical Practice</i> , 2021, 75, e13865.	1.7	4

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55	Periodic Heat Stress Licenses EMSC Differentiation into Osteoblasts via YAP Signaling Pathway Activation. <i>Stem Cells International</i> , 2022, 2022, 1-14.	2.5	4
56	Bioreducible crosslinked cationic nanopolyplexes from clickable polyethylenimines enabling robust cancer gene therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 24, 102144.	3.3	3
57	The correlation of blood pressure variability and cognitive function in hypertension patients: A meta-analysis. <i>International Journal of Clinical Practice</i> , 2021, 75, e14885.	1.7	3
58	Integrating disulfides into a polyethylenimine gene carrier selectively boosts significant transfection activity in lung tissue enabling robust IL-12 gene therapy against metastatic lung cancers. <i>Materials Science and Engineering C</i> , 2021, 128, 112358.	7.3	3
59	Disulfide-based cationic polyurethanes for gene transfection in human primary cells. <i>Journal of Controlled Release</i> , 2015, 213, e17-e18.	9.9	2
60	Torsion of ovarian endometrioma in pregnancy: a case report and review of the literature. <i>Tropical Doctor</i> , 2019, 49, 221-223.	0.5	2
61	Synthetic liver fibrotic niche extracts achieve in vitro hepatoblasts phenotype enhancement and expansion. <i>IScience</i> , 2021, 24, 103303.	4.1	1
62	Nanoparticle-stabilized Oxygen Microcapsules Prepared by Interfacial Polymerization for Enhanced Oxygen Delivery. <i>Angewandte Chemie</i> , 2021, 133, 9370-9375.	2.0	0
63	Druggable alterations detected by ion torrent in metastasis colorectal cancer patients. <i>Journal of Clinical Oncology</i> , 2013, 31, e22192-e22192.	1.6	0
64	A CNV computational model for clonal origin analysis of synchronous multifocal hepatobiliary and pancreatic tumors. <i>Journal of Clinical Oncology</i> , 2016, 34, e15613-e15613.	1.6	0
65	<i>Clostridium difficile</i> carriage and its implications in preoperative colorectal cancer patients. <i>Journal of Clinical Oncology</i> , 2016, 34, e15084-e15084.	1.6	0