

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	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
2	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
3	Molecular Subgroups of Intrahepatic Cholangiocarcinoma Discovered by Single-Cell RNA Sequencing Assisted Multiomics Analysis. <i>Cancer Immunology Research</i> , 2022, 10, 811-828.	3.4	21
4	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
5	3D-Printed Biomimetic Systems with Synergetic Color and Shape Responses Based on Oblate Cholesteric Liquid Crystal Droplets. <i>Advanced Materials</i> , 2021, 33, e2006361.	21.0	68
6	Nanoparticle-Stabilized Oxygen Microcapsules Prepared by Interfacial Polymerization for Enhanced Oxygen Delivery. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9284-9289.	13.8	37
7	Nanoparticle-Stabilized Oxygen Microcapsules Prepared by Interfacial Polymerization for Enhanced Oxygen Delivery. <i>Angewandte Chemie</i> , 2021, 133, 9370-9375.	2.0	0
8	Neuroprotective Effects of VEGF-A Nanofiber Membrane and FAAH Inhibitor URB597 Against Oxygen-Glucose Deprivation-Induced Ischemic Neuronal Injury. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 3661-3678.	6.7	21
9	Attractive Pickering Emulsion Gels. <i>Advanced Materials</i> , 2021, 33, e2102362.	21.0	78
10	Emulsion Designer Using Microfluidic Three-Dimensional Droplet Printing in Droplet. <i>Small</i> , 2021, 17, e2102579.	10.0	22
11	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
12	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
13	Synthetic liver fibrotic niche extracts achieve in vitro hepatoblasts phenotype enhancement and expansion. <i>IScience</i> , 2021, 24, 103303.	4.1	1
14	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
15	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
16	Clinical Significance of Somatostatin Receptor (SSTR) 2 in Meningioma. <i>Frontiers in Oncology</i> , 2020, 10, 1633.	2.8	28
17	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
18	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

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19	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
20	Anti-PD-1/PD-L1 Blockade Immunotherapy Employed in Treating Hepatitis B Virus Infection-Related Advanced Hepatocellular Carcinoma: A Literature Review. <i>Frontiers in Immunology</i> , 2020, 11, 1037.	4.8	55
21	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
22	An AMPK-caspase-6 axis controls liver damage in nonalcoholic steatohepatitis. <i>Science</i> , 2020, 367, 652-660.	12.6	183
23	Cryoprotectant enables structural control of porous scaffolds for exploration of cellular mechano-responsiveness in 3D. <i>Nature Communications</i> , 2019, 10, 3491.	12.8	117
24	Gut microbiome affects the response to anti-PD-1 immunotherapy in patients with hepatocellular carcinoma. , 2019, 7, 193.		304
25	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
26	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
27	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
28	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
29	
 LbL-Assembled Bioactive Coating Modified Nanofibrous Membrane for Rapid Tendon-Bone Healing in ACL Reconstruction&. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 9159-9172.	6.7	24
30	Antibiotics and immunotherapy in gastrointestinal tumors: Friend or foe?. <i>World Journal of Clinical Cases</i> , 2019, 7, 1253-1261.	0.8	13
31	A naive Bayes algorithm for tissue origin diagnosis (TOD-Bayes) of synchronous multifocal tumors in the hepatobiliary and pancreatic system. <i>International Journal of Cancer</i> , 2018, 142, 357-368.	5.1	16
32	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
33	ER Stress Drives Lipogenesis and Steatohepatitis via Caspase-2 Activation of S1P. <i>Cell</i> , 2018, 175, 133-145.e15.	28.9	219
34	Synthesis of bioreducible core crosslinked star polymers with N,N-bis(acryloyl)cystamine crosslinker via aqueous ethanol dispersion RAFT polymerization. <i>Polymer</i> , 2018, 146, 378-385.	3.8	17
35	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
36	Layer-by-layer self-assembled multilayers on PEEK implants improve osseointegration in an osteoporosis rabbit model. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 1423-1433.	3.3	35

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37	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
38	Injectable dextran hydrogels fabricated by metal-free click chemistry for cartilage tissue engineering. <i>Materials Science and Engineering C</i> , 2017, 73, 21-30.	7.3	71
39	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
40	MiR-661 promotes tumor invasion and metastasis by directly inhibiting RB1 in non small cell lung cancer. <i>Molecular Cancer</i> , 2017, 16, 122.	19.2	60
41	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
42	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
43	<i>Clostridium difficile</i> colonization in preoperative colorectal cancer patients. <i>Oncotarget</i> , 2017, 8, 11877-11886.	1.8	33
44	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
45	Local delivery of controlled-release simvastatin to improve the biocompatibility of polyethylene terephthalate artificial ligaments for reconstruction of the anterior cruciate ligament. <i>International Journal of Nanomedicine</i> , 2016, 11, 465.	6.7	34
46	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
47	Over-expression of cathepsin B in hepatocellular carcinomas predicts poor prognosis of HCC patients. <i>Molecular Cancer</i> , 2016, 15, 17.	19.2	69
48	Multifunctional cationic polyurethanes designed for non-viral cancer gene therapy. <i>Acta Biomaterialia</i> , 2016, 30, 155-167.	8.3	30
49	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
50	<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
51	Disulfide-based cationic polyurethanes for gene transfection in human primary cells. <i>Journal of Controlled Release</i> , 2015, 213, e17-e18.	9.9	2
52	Heparanase is involved in proliferation and invasion of ovarian cancer cells. <i>Cancer Biomarkers</i> , 2015, 15, 525-534.	1.7	19
53	Neurokinin-2 receptor polymorphism predicts lymph node metastasis in colorectal cancer patients. <i>Oncology Letters</i> , 2015, 9, 2003-2006.	1.8	5
54	Generation of Multicellular Tumor Spheroids with Microwell-Based Agarose Scaffolds for Drug Testing. <i>PLoS ONE</i> , 2015, 10, e0130348.	2.5	265

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55	Hydroxyapatite-doped polycaprolactone nanofiber membrane improves tendon–bone interface healing for anterior cruciate ligament reconstruction. <i>International Journal of Nanomedicine</i> , 2015, 10, 7333.	6.7	37
56	A family of cationic polyamides for in vitro and in vivo gene transfection. <i>Acta Biomaterialia</i> , 2015, 22, 120-130.	8.3	21
57	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
58	Aberrant Expression of HOXA5 and HOXA9 in AML. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 3941-3944.	1.2	9
59	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
60	â€˜Druggableâ€™ alterations detected by Ion Torrent in metastatic colorectal cancer patients. <i>Oncology Letters</i> , 2014, 7, 1761-1766.	1.8	10
61	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
62	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
63	Theranostic nanoparticles based on bioreducible polyethylenimine-coated iron oxide for reduction-responsive gene delivery and magnetic resonance imaging. <i>International Journal of Nanomedicine</i> , 2014, 9, 3347.	6.7	35
64	â€˜Druggableâ€™ alterations detected by ion torrent in metastasis colorectal cancer patients.. <i>Journal of Clinical Oncology</i> , 2013, 31, e22192-e22192.	1.6	0
65	In-situ forming biodegradable glycol chitosan-based hydrogels: Synthesis, characterization, and chondrocyte culture. <i>Materials Science and Engineering C</i> , 2012, 32, 2017-2025.	7.3	32