

Yongxiang Zhao

List of Publications by Year in descending order

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94
papers

4,031
citations

159585

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h-index

133252

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96
all docs

96
docs citations

96
times ranked

5645
citing authors

#	ARTICLE	IF	CITATIONS
1	Review: Development of SARS-CoV-2 immuno-enhanced COVID-19 vaccines with nano-platform. Nano Research, 2022, 15, 2196-2225.	10.4	8
2	Annotating unknown species of urban microorganisms on a global scale unveils novel functional diversity and local environment association. Environmental Research, 2022, 207, 112183.	7.5	7
3	Injectable hydrogel for postoperative synergistic photothermal-chemodynamic tumor and anti-infection therapy. Biomaterials, 2022, 280, 121289.	11.4	68
4	Progress on the roles of MEF2C in neuropsychiatric diseases. Molecular Brain, 2022, 15, 8.	2.6	18
5	PAK3 promotes the metastasis of hepatocellular carcinoma by regulating EMT process. Journal of Cancer, 2022, 13, 153-161.	2.5	10
6	^{13}C - Fe_2O_3 Loading Mitoxantrone and Glucose Oxidase for pH-Responsive Chemo/Chemodynamic/Photothermal Synergistic Cancer Therapy. Advanced Healthcare Materials, 2022, 11, e2102632.	7.6	27
7	Platelets for cancer treatment and drug delivery. Clinical and Translational Oncology, 2022, 24, 1231-1237.	2.4	9
8	Thermostable ionizable lipid-like nanoparticle (iLAND) for RNAi treatment of hyperlipidemia. Science Advances, 2022, 8, eabm1418.	10.3	46
9	SARS-CoV-2 pseudovirus enters the host cells through spike protein-CD147 in an Arf6-dependent manner. Emerging Microbes and Infections, 2022, 11, 1135-1144.	6.5	26
10	POD Nanozyme optimized by charge separation engineering for light/pH activated bacteria catalytic/photodynamic therapy. Signal Transduction and Targeted Therapy, 2022, 7, 86.	17.1	59
11	Photothermal Responsive Microspheres-Triggered Separable Microneedles for Versatile Drug Delivery. Advanced Functional Materials, 2022, 32, .	14.9	27
12	Proton-Driven Transformable O_2 -Nanotrap for Dark and Hypoxia Tolerant Photodynamic Therapy. Advanced Science, 2022, 9, e2200128.	11.2	33
13	Human endoglin-CD3 bispecific T cell engager antibody induces anti-tumor effect <i>in vivo</i> . Theranostics, 2021, 11, 6393-6406.	10.0	3
14	The Impact of TRPV1 on Cancer Pathogenesis and Therapy: A Systematic Review. International Journal of Biological Sciences, 2021, 17, 2034-2049.	6.4	60
15	Multishell Nanoparticles with Co -Linkage Mechanism for Thermal Responsive Photodynamic and Gas Synergistic Therapy. Advanced Healthcare Materials, 2021, 10, e2002038.	7.6	31
16	Development and application of reverse genetic technology for the influenza virus. Virus Genes, 2021, 57, 151-163.	1.6	8
17	Antigen-Presenting Hybrid Colloidal Crystal Clusters for Promoting T cells Expansion. Small, 2021, 17, e2006955.	10.0	9
18	Biodegradable Charge-Transfer Complexes for Glutathione Depletion Induced Ferroptosis and NIR-II Photoacoustic Imaging Guided Cancer Photothermal Therapy. Angewandte Chemie - International Edition, 2021, 60, 8157-8163.	13.8	135

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19	Biodegradable Chargeâ€Transfer Complexes for Glutathione Depletion Induced Ferroptosis and NIRâ€H Photoacoustic Imaging Guided Cancer Photothermal Therapy. <i>Angewandte Chemie</i> , 2021, 133, 8238-8244.	2.0	18
20	Exploiting the acquired vulnerability of cisplatin-resistant tumors with a hypoxia-amplifying DNA repairâ€inhibiting (HYDRI) nanomedicine. <i>Science Advances</i> , 2021, 7, .	10.3	50
21	Oncolytic adenovirus: A tool for reversing the tumor microenvironment and promoting cancer treatment (Review). <i>Oncology Reports</i> , 2021, 45, .	2.6	9
22	Current strategies of virotherapy in clinical trials for cancer treatment. <i>Journal of Medical Virology</i> , 2021, 93, 4668-4692.	5.0	4
23	Application of Molecular Nanoprobes in the Analysis of Differentially Expressed Genes and Prognostic Models of Primary Hepatocellular Carcinoma. <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 1020-1033.	1.1	4
24	Identification of SARS-CoV-2-against aptamer with high neutralization activity by blocking the RBD domain of spike protein 1. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 227.	17.1	56
25	Dual roles of granzyme B. <i>Scandinavian Journal of Immunology</i> , 2021, 94, e13086.	2.7	13
26	An amphiphilic dendrimer as a light-activable immunological adjuvant for in situ cancer vaccination. <i>Nature Communications</i> , 2021, 12, 4964.	12.8	44
27	A general in-situ reduction method to prepare core-shell liquid-metal / metal nanoparticles for photothermally enhanced catalytic cancer therapy. <i>Biomaterials</i> , 2021, 277, 121125.	11.4	52
28	Advances in the Study of Antitumour Immunotherapy for Newcastle Disease Virus. <i>International Journal of Medical Sciences</i> , 2021, 18, 2294-2302.	2.5	16
29	Current Strategies for Tumor Photodynamic Therapy Combined With Immunotherapy. <i>Frontiers in Oncology</i> , 2021, 11, 738323.	2.8	24
30	MyD88 in Macrophages Enhances Liver Fibrosis by Activation of NLRP3 Inflammasome in HSCs. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12413.	4.1	10
31	Generation of in situ CRISPR-mediated primary and metastatic cancer from monkey liver. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 411.	17.1	14
32	Progress in Application of Nanotechnology in Sorafenib. <i>Journal of Biomedical Nanotechnology</i> , 2021, 17, 529-557.	1.1	1
33	Predicting the prognosis of liver cancer patients based on cell differentiation trajectory and application of nanomaterials in treatment. <i>Minerva Surgery</i> , 2021, , .	0.6	1
34	Prospects of TIM-3 as a Promising Diagnostic and Prognostic Biomarker for Cancer Patients.. <i>Discovery Medicine</i> , 2021, 31, 15-20.	0.5	0
35	Nanoparticles Targeting the Tumor Microenvironment for Antitumor Therapy.. <i>Discovery Medicine</i> , 2021, 32, 93-107.	0.5	0
36	Eight biomarkers on a novel strip for early diagnosis of acute myocardial infarction. <i>Nanoscale Advances</i> , 2020, 2, 1138-1143.	4.6	16

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37	A simple fluorescence aptasensor for gastric cancer exosome detection based on branched rolling circle amplification. <i>Nanoscale</i> , 2020, 12, 2445-2451.	5.6	117
38	Near-Infrared Light Irradiation Induced Mild Hyperthermia Enhances Glutathione Depletion and DNA Interstrand Cross-Link Formation for Efficient Chemotherapy. <i>ACS Nano</i> , 2020, 14, 14831-14845.	14.6	67
39	Cloud Computing-Assisted Dose Verification System and Method for Tumor Pain Treatment. <i>IEEE Access</i> , 2020, 8, 122529-122538.	4.2	2
40	A comprehensive rat transcriptome built from large scale RNA-seq-based annotation. <i>Nucleic Acids Research</i> , 2020, 48, 8320-8331.	14.5	19
41	Targeting CLK3 inhibits the progression of cholangiocarcinoma by reprogramming nucleotide metabolism. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	42
42	Therapeutic siRNA: state of the art. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 101.	17.1	674
43	On-demand drug release nanoplatfrom based on fluorinated aza-BODIPY for imaging-guided chemo-phototherapy. <i>Biomaterials</i> , 2020, 256, 120211.	11.4	33
44	Tacrolimus and ascomycin inhibit melanoma cell growth, migration and invasion via targeting nuclear factor of activated T-cell 3. <i>Melanoma Research</i> , 2020, 30, 325-335.	1.2	3
45	Autophagy Modulated by Inorganic Nanomaterials. <i>Theranostics</i> , 2020, 10, 3206-3222.	10.0	121
46	<sc>UHMK</sc> 1 promotes gastric cancer progression through reprogramming nucleotide metabolism. <i>EMBO Journal</i> , 2020, 39, e102541.	7.8	32
47	Production of aptamers by cell-SELEX and their applications in cancer biomarker identification. <i>Discovery Medicine</i> , 2020, 29, 159-167.	0.5	2
48	Advances of aptamer-based clinical applications for the diagnosis and therapy of cancer. <i>Discovery Medicine</i> , 2020, 29, 169-180.	0.5	2
49	Modification of oncolytic adenovirus and its application in cancer therapy. <i>Discovery Medicine</i> , 2020, 30, 129-144.	0.5	1
50	A Dual Targeting Magnetic Nanoparticle for Human Cancer Detection. <i>Nanoscale Research Letters</i> , 2019, 14, 228.	5.7	16
51	PEGylated immunoliposome-loaded endoglin single-chain antibody enhances anti-tumor capacity of porcine β 1,3GT gene. <i>Biomaterials</i> , 2019, 217, 119231.	11.4	19
52	A novel label-free terbium (<sc>iii</sc>)-aptamer based aptasensor for ultrasensitive and highly specific detection of acute lymphoma leukemia cells. <i>Analyst</i> , The, 2019, 144, 3843-3852.	3.5	14
53	METTL3 and ALKBH5 oppositely regulate m ⁶ A modification of <i>TFEB</i> mRNA, which dictates the fate of hypoxia/reoxygenation-treated cardiomyocytes. <i>Autophagy</i> , 2019, 15, 1419-1437.	9.1	337
54	A direct immunohistochemistry (IHC) method improves the intraoperative diagnosis of breast papillary lesions including breast cancer. <i>Discovery Medicine</i> , 2019, 28, 87-93.	0.5	1

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55	Tumor-Targeting Anti-MicroRNA-155 Delivery Based on Biodegradable Poly(ester amine) and Hyaluronic Acid Shielding for Lung Cancer Therapy. <i>ChemPhysChem</i> , 2018, 19, 2058-2069.	2.1	13
56	Recent Progress of Wnt Pathway Inhibitor Dickkopf-1 in Liver Cancer. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 5192-5206.	0.9	17
57	γ T cells provide the early source of IFN- γ to aggravate lesions in spinal cord injury. <i>Journal of Experimental Medicine</i> , 2018, 215, 521-535.	8.5	91
58	A Graphene Oxide-Based Fluorescent Aptasensor for the Turn-on Detection of CCRF-CEM. <i>Nanoscale Research Letters</i> , 2018, 13, 66.	5.7	17
59	Graphene and Au NPs co-mediated enzymatic silver deposition for the ultrasensitive electrochemical detection of cholesterol. <i>Biosensors and Bioelectronics</i> , 2018, 102, 560-567.	10.1	97
60	Lentivirus-mediated shRNA Targeting CNN2 Inhibits Hepatocarcinoma <i>in Vitro</i> and <i>in Vivo</i> . <i>International Journal of Medical Sciences</i> , 2018, 15, 69-76.	2.5	12
61	Efficient targeted tumor imaging and secreted endostatin gene delivery by anti-CD105 immunoliposomes. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 42.	8.6	22
62	Graphene-Based Multifunctional Nanomaterials in Cancer Detection and Therapeutics. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 5155-5170.	0.9	11
63	Significant variations in alternative splicing patterns and expression profiles between human-mouse orthologs in early embryos. <i>Science China Life Sciences</i> , 2017, 60, 178-188.	4.9	11
64	Aptamer Combined with Fluorescent Silica Nanoparticles for Detection of Hepatoma Cells. <i>Nanoscale Research Letters</i> , 2017, 12, 96.	5.7	34
65	CD8 + effector memory T cells induce acute rejection of allogeneic heart retransplants in mice possibly through activating expression of inflammatory cytokines. <i>Experimental Cell Research</i> , 2017, 355, 1-8.	2.6	14
66	An α -activatable TM aptamer-based fluorescence probe for the detection of HepG2 cells. <i>Oncology Reports</i> , 2017, 37, 2688-2694.	2.6	25
67	Fusions of Tumor-derived Endothelial Cells with Dendritic Cells Induces Antitumor Immunity. <i>Scientific Reports</i> , 2017, 7, 46544.	3.3	7
68	The anaphase promoting complex impacts repair choice by protecting ubiquitin signalling at DNA damage sites. <i>Nature Communications</i> , 2017, 8, 15751.	12.8	22
69	Collagen I enhances the efficiency and anti-tumor activity of dendritic-tumor fusion cells. <i>Oncolmmunology</i> , 2017, 6, e1361094.	4.6	9
70	A Fe ₃ O ₄ @Au-based pseudo-homogeneous electrochemical immunosensor for AFP measurement using AFP antibody-GNPs-HRP as detection probe. <i>Analytical Biochemistry</i> , 2017, 534, 56-63.	2.4	54
71	Endobronchial ultrasound guided transbronchial needle aspiration combining with immunohistochemistry and genotype in lung cancer: A single-center, 55 cases retrospective study. <i>Annals of Medicine and Surgery</i> , 2017, 23, 1-7.	1.1	6
72	Screening and antitumor effect of an anti-CTLA-4 nanobody. <i>Oncology Reports</i> , 2017, 39, 511-518.	2.6	19

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73	miRNA-34b is directly involved in the aging of macrophages. <i>Aging Clinical and Experimental Research</i> , 2017, 29, 599-607.	2.9	4
74	Quantum dot/pMHC multimers vs. phycoerythrin/pMHC tetramers for identification of HLA-A*0201-restricted pHBV core antigen18â€“27-specific T cells. <i>Molecular Medicine Reports</i> , 2017, 16, 8605-8612.	2.4	0
75	Isolation of Fibroblast-Activation Protein-Specific Cancer-Associated Fibroblasts. <i>BioMed Research International</i> , 2017, 2017, 1-8.	1.9	12
76	Mouse IP-10 Gene Delivered by Folate-modified Chitosan Nanoparticles and Dendritic/tumor Cells Fusion Vaccine Effectively Inhibit the Growth of Hepatocellular Carcinoma in Mice. <i>Theranostics</i> , 2017, 7, 1942-1952.	10.0	51
77	A New Theranostic System Based on Endoglin Aptamer Conjugated Fluorescent Silica Nanoparticles. <i>Theranostics</i> , 2017, 7, 4862-4876.	10.0	30
78	Folate-modified Chitosan Nanoparticles Containing the IP-10 Gene Enhance Melanoma-specific Cytotoxic CD8 ⁺ CD28 ⁺ T Lymphocyte Responses. <i>Theranostics</i> , 2016, 6, 752-761.	10.0	40
79	Enhanced anti-tumor immunity against breast cancer induced by whole tumor cell vaccines genetically modified expressing Î±-Gal epitopes. <i>Oncology Reports</i> , 2016, 36, 2843-2851.	2.6	7
80	CRISPR/Cas9 Tumor Targeting Technology. <i>Journal of Nanoscience and Nanotechnology</i> , 2016, 16, 12086-12098.	0.9	2
81	Senescence marker protein 30 (SMP30) serves as a potential prognostic indicator in hepatocellular carcinoma. <i>Scientific Reports</i> , 2016, 6, 39376.	3.3	15
82	A novel method for endothelial cell isolation. <i>Oncology Reports</i> , 2016, 35, 1652-1656.	2.6	8
83	Highly sensitive detection of leukemia cells based on aptamer and quantum dots. <i>Oncology Reports</i> , 2016, 36, 886-892.	2.6	17
84	A novel gene delivery composite system based on biodegradable folate-poly (ester amine) polymer and thermosensitive hydrogel for sustained gene release. <i>Scientific Reports</i> , 2016, 6, 21402.	3.3	36
85	Tripartite motif containing 28 (TRIM28) promotes breast cancer metastasis by stabilizing TWIST1 protein. <i>Scientific Reports</i> , 2016, 6, 29822.	3.3	50
86	Aptamer-Functionalized Fluorescent Silica Nanoparticles for Highly Sensitive Detection of Leukemia Cells. <i>Nanoscale Research Letters</i> , 2016, 11, 298.	5.7	46
87	Radiation Changes the Metabolic Profiling of Melanoma Cell Line B16. <i>PLoS ONE</i> , 2016, 11, e0162917.	2.5	10
88	Rapamycin loaded magnetic Fe3O4/carboxymethylchitosan nanoparticles as tumor-targeted drug delivery system: Synthesis and in vitro characterization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 128, 379-388.	5.0	41
89	LRP5/6 directly bind to Frizzled and prevent Frizzled-regulated tumour metastasis. <i>Nature Communications</i> , 2015, 6, 6906.	12.8	51
90	Antitumor Action of a Novel Histone Deacetylase Inhibitor, YF479, in Breast Cancer. <i>Neoplasia</i> , 2014, 16, 665-677.	5.3	35

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91	Oridonin Inhibits Tumor Growth and Metastasis through Anti-Angiogenesis by Blocking the Notch Signaling. PLoS ONE, 2014, 9, e113830.	2.5	49
92	Heritable gene targeting in the mouse and rat using a CRISPR-Cas system. Nature Biotechnology, 2013, 31, 681-683.	17.5	618
93	The relationship between malignant and tumor-associated cells provides a new strategy for targeted diagnosis and therapy. Oncoimmunology, 2013, 2, e26295.	4.6	3
94	<i>In vitro</i> growth and activity of chondrocytes on three dimensional polycaprolactone/chitosan scaffolds. Polymers for Advanced Technologies, 2012, 23, 99-107.	3.2	6