

Aiping Tong

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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.

78 papers	1,803 citations	23 h-index	40 g-index
82 ext. papers	2,597 ext. citations	7.8 avg, IF	4.81 L-index

#	Paper	IF	Citations
78	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
77	Oncolytic Viruses for Cancer Therapy: Barriers and Recent Advances. <i>Molecular Therapy - Oncolytics</i> , 2019 , 15, 234-247	6.4	89
76	EGF and curcumin co-encapsulated nanoparticle/hydrogel system as potent skin regeneration agent. <i>International Journal of Nanomedicine</i> , 2016 , 11, 3993-4009	7.3	71
75	Proteomic analysis of cellular protein alterations using a hepatitis B virus-producing cellular model. <i>Proteomics</i> , 2008 , 8, 2012-23	4.8	65
74	B7-H3 as a Novel CAR-T Therapeutic Target for Glioblastoma. <i>Molecular Therapy - Oncolytics</i> , 2019 , 14, 279-287	6.4	59
73	The role of astrocytes in oxidative stress of central nervous system: A mixed blessing. <i>Cell Proliferation</i> , 2020 , 53, e12781	7.9	55
72	Proteomic profiling identifies aberrant epigenetic modifications induced by hepatitis B virus X protein. <i>Journal of Proteome Research</i> , 2009 , 8, 1037-46	5.6	52
71	Nanofibers for improving the wound repair process: the combination of a grafted chitosan and an antioxidant agent. <i>Polymer Chemistry</i> , 2017 , 8, 1664-1671	4.9	51
70	In situ gel-forming AP-57 peptide delivery system for cutaneous wound healing. <i>International Journal of Pharmaceutics</i> , 2015 , 495, 560-571	6.5	49
69	Multi-functional chitosan-based smart hydrogels mediated biomedical application. <i>Expert Opinion on Drug Delivery</i> , 2019 , 16, 239-250	8	43
68	Tandem CAR-T cells targeting CD70 and B7-H3 exhibit potent preclinical activity against multiple solid tumors. <i>Theranostics</i> , 2020 , 10, 7622-7634	12.1	42
67	The role of ROS and subsequent DNA-damage response in PUMA-induced apoptosis of ovarian cancer cells. <i>Oncotarget</i> , 2017 , 8, 23492-23506	3.3	39
66	Killing colon cancer cells through PCD pathways by a novel hyaluronic acid-modified shell-core nanoparticle loaded with RIP3 in combination with chloroquine. <i>Biomaterials</i> , 2017 , 124, 195-210	15.6	37
65	Enhanced antitumor effects by docetaxel/LL37-loaded thermosensitive hydrogel nanoparticles in peritoneal carcinomatosis of colorectal cancer. <i>International Journal of Nanomedicine</i> , 2015 , 10, 7291-305	7.3	36
64	Proteomic analysis of liver cancer cells treated with suberonylanilide hydroxamic acid. <i>Cancer Chemotherapy and Pharmacology</i> , 2008 , 61, 791-802	3.5	35
63	Improved anti-colorectal carcinomatosis effect of tannic acid co-loaded with oxaliplatin in nanoparticles encapsulated in thermosensitive hydrogel. <i>European Journal of Pharmaceutical Sciences</i> , 2019 , 128, 279-289	5.1	34
62	Stereocomplexed electrospun nanofibers containing poly (lactic acid) modified quaternized chitosan for wound healing. <i>Carbohydrate Polymers</i> , 2020 , 247, 116754	10.3	29

61	Strengthened and Thermally Resistant Poly(lactic acid)-Based Composite Nanofibers Prepared via Easy Stereocomplexation with Antibacterial Effects. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 42992-43002	9.5	29
60	Facile electrospinning of an efficient drug delivery system. <i>Expert Opinion on Drug Delivery</i> , 2016 , 13, 741-53	8	28
59	B7-H3-Targeted CAR-T Cells Exhibit Potent Antitumor Effects on Hematologic and Solid Tumors. <i>Molecular Therapy - Oncolytics</i> , 2020 , 17, 180-189	6.4	27
58	Potential of SARS-CoV-2 to Cause CNS Infection: Biologic Fundamental and Clinical Experience. <i>Frontiers in Neurology</i> , 2020 , 11, 659	4.1	27
57	Development of multivalent nanobodies blocking SARS-CoV-2 infection by targeting RBD of spike protein. <i>Journal of Nanobiotechnology</i> , 2021 , 19, 33	9.4	27
56	PNAS-4, an Early DNA Damage Response Gene, Induces S Phase Arrest and Apoptosis by Activating Checkpoint Kinases in Lung Cancer Cells. <i>Journal of Biological Chemistry</i> , 2015 , 290, 14927-44	5.4	23
55	Facile Construction of Chloroquine Containing PLGA-Based pDNA Delivery System for Efficient Tumor and Pancreatitis Targeting in Vitro and in Vivo. <i>Molecular Pharmaceutics</i> , 2015 , 12, 2167-79	5.6	23
54	Effective improvement of the neuroprotective activity after spinal cord injury by synergistic effect of glucocorticoid with biodegradable amphipathic nanomicelles. <i>Drug Delivery</i> , 2017 , 24, 391-401	7	22
53	Zonisamide-loaded triblock copolymer nanomicelles as a novel drug delivery system for the treatment of acute spinal cord injury. <i>International Journal of Nanomedicine</i> , 2017 , 12, 2443-2456	7.3	22
52	Potent Anti-adhesion Barrier Combined Biodegradable Hydrogel with Multifunctional Turkish Galls Extract. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 24469-24479	9.5	21
51	AP-57/C10orf99 is a new type of multifunctional antimicrobial peptide. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 457, 347-52	3.4	20
50	Mmu-miR-126a-3p plays a role in murine embryo implantation by regulating Itga11. <i>Reproductive BioMedicine Online</i> , 2015 , 31, 384-93	4	20
49	Dual Drug Loaded Biodegradable Nanofibrous Microsphere for Improving Anti-Colon Cancer Activity. <i>Scientific Reports</i> , 2016 , 6, 28373	4.9	20
48	Targeted Disruption of V600E-Mutant BRAF Gene by CRISPR-Cpf1. <i>Molecular Therapy - Nucleic Acids</i> , 2017 , 8, 450-458	10.7	19
47	Stereocomplex Crystallite-Based Eco-Friendly Nanofiber Membranes for Removal of Cr(VI) and Antibacterial Effects. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 16072-16083	8.3	19
46	ATM inhibition induces synthetic lethality and enhances sensitivity of PTEN-deficient breast cancer cells to cisplatin. <i>Experimental Cell Research</i> , 2018 , 366, 24-33	4.2	18
45	LHD-Modified Mechanism-Based Liposome Coencapsulation of Mitoxantrone and Prednisolone Using Novel Lipid Bilayer Fusion for Tissue-Specific Colocalization and Synergistic Antitumor Effects. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 6586-601	9.5	18
44	A novel series of napabucasin derivatives as orally active inhibitors of signal transducer and activator of transcription 3 (STAT3). <i>European Journal of Medicinal Chemistry</i> , 2019 , 162, 543-554	6.8	18

43	Novel nanoscale topography on poly(propylene carbonate)/poly(ε-caprolactone) electrospun nanofibers modifies osteogenic capacity of ADCs. <i>RSC Advances</i> , 2015 , 5, 82834-82844	3.7	16
42	Promising Nanocarriers for PEDF Gene Targeting Delivery to Cervical Cancer Cells Mediated by the Over-expressing FR α . <i>Scientific Reports</i> , 2016 , 6, 32427	4.9	16
41	In situ gel-forming dual drug delivery system for synergistic combination therapy of colorectal peritoneal carcinomatosis. <i>RSC Advances</i> , 2015 , 5, 101494-101506	3.7	15
40	Bioactivity and safety of B7-H3-targeted chimeric antigen receptor T cells against anaplastic meningioma. <i>Clinical and Translational Immunology</i> , 2020 , 9, e1137	6.8	15
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	Inhibition of A20 expression in tumor microenvironment exerts anti-tumor effect through inducing myeloid-derived suppressor cells apoptosis. <i>Scientific Reports</i> , 2015 , 5, 16437	4.9	14
37	Efficacy of B7-H3-Redirected BiTE and CAR-T Immunotherapies Against Extranodal Nasal Natural Killer/T Cell Lymphoma. <i>Translational Oncology</i> , 2020 , 13, 100770	4.9	13
36	Whole-genome sequencing identifies new genetic alterations in meningiomas. <i>Oncotarget</i> , 2017 , 8, 17070-17080	5.3	10
35	Clinical and prognostic role of annexin A2 in adamantinomatous craniopharyngioma. <i>Journal of Neuro-Oncology</i> , 2017 , 131, 21-29	4.8	10
34	Expression and clinical significance of PD-L1, B7-H3, B7-H4 and VISTA in craniopharyngioma 2020 , 8,		10
33	Interleukin-7-loaded oncolytic adenovirus improves CAR-T cell therapy for glioblastoma. <i>Cancer Immunology, Immunotherapy</i> , 2021 , 70, 2453-2465	7.4	10
32	Intercellular Adhesion Molecule-1 as Target for CAR-T-Cell Therapy of Triple-Negative Breast Cancer. <i>Frontiers in Immunology</i> , 2020 , 11, 573823	8.4	9
31	MEK Inhibitor Augments Antitumor Activity of B7-H3-Redirected Bispecific Antibody. <i>Frontiers in Oncology</i> , 2020 , 10, 1527	5.3	9
30	Administration of B7-H3 targeted chimeric antigen receptor-T cells induce regression of glioblastoma. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 125	21	9
29	Zika virus NS5 protein inhibits cell growth and invasion of glioma. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 516, 515-520	3.4	7
28	SurvivinT34A increases the therapeutic efficacy of arsenic trioxide in mouse hepatocellular carcinoma models. <i>Oncology Reports</i> , 2016 , 36, 3283-3290	3.5	7
27	A Convenient and Efficient Synthesis of Dipeptidyl Benzoxaboroles and Their Peptidomimetics. <i>Synthesis</i> , 2013 , 45, 2843-2852	2.9	7
26	Identification of Novel BACE1 Inhibitors by Combination of Pharmacophore Modeling, Structure-Based Design and In Vitro Assay. <i>Current Computer-Aided Drug Design</i> , 2016 , 12, 73-82	1.4	6

25	Antimicrobial peptide DP7 with potential activity against SARS coronavirus infections. <i>Signal Transduction and Targeted Therapy</i> , 2021 , 6, 140	21	6
24	Chitosan coated pH-responsive metal-polyphenol delivery platform for melanoma chemotherapy. <i>Carbohydrate Polymers</i> , 2021 , 264, 118000	10.3	6
23	Targeted protein degradation: mechanisms, strategies and application.. <i>Signal Transduction and Targeted Therapy</i> , 2022 , 7, 113	21	6
22	Frequent B7-H3 overexpression in craniopharyngioma. <i>Biochemical and Biophysical Research Communications</i> , 2019 , 514, 379-385	3.4	5
21	Overexpression of B7-H3 as an opportunity for targeted therapy in head and neck cancers. <i>American Journal of Translational Research (discontinued)</i> , 2019 , 11, 5183-5196	3	5
20	SARS-CoV-2 spike protein harnesses SNX27-mediated endocytic recycling pathway.. <i>MedComm</i> , 2021 ,	2.2	5
19	Inhibition of neuronal necroptosis mediated by RIP1/RIP3/MLKL provides neuroprotective effects on kaolin-induced hydrocephalus in mice. <i>Cell Proliferation</i> , 2021 , 54, e13108	7.9	5
18	Scaffold hopping of agomelatine leads to enhanced antidepressant effects by modulation of gut microbiota and host immune responses. <i>Pharmacology Biochemistry and Behavior</i> , 2020 , 192, 172910	3.9	4
17	Comparative study of (Asp)7-CHOL-modified liposome prepared using pre-insertion and post-insertion methods for bone targeting in vivo. <i>Journal of Drug Targeting</i> , 2017 , 25, 149-155	5.4	4
16	Molecular basis of the lipid-induced MucA-MucB dissociation in <i>Pseudomonas aeruginosa</i> . <i>Communications Biology</i> , 2020 , 3, 418	6.7	4
15	Combination therapy with B7H3-redirceted bispecific antibody and Sorafenib elicits enhanced synergistic antitumor efficacy. <i>Theranostics</i> , 2020 , 10, 10498-10512	12.1	3
14	A Tumor-Specific Ferric-Coordinated Epigallocatechin-3-gallate cascade nanoreactor for glioblastoma therapy.. <i>Journal of Advanced Research</i> , 2021 , 34, 29-41	13	2
13	AP-64, Encoded by , Exhibits Antimicrobial Activity against Gram-Negative Bacteria. <i>Biomolecules</i> , 2021 , 11,	5.9	2
12	Type II Antitoxin HigA Is a Key Virulence Regulator in. <i>ACS Infectious Diseases</i> , 2021 , 7, 2930-2940	5.5	2
11	HepG2.2.15 as a model for studying cell protrusion and migration regulated by S100 proteins. <i>Biochemical and Biophysical Research Communications</i> , 2014 , 449, 175-81	3.4	1
10	Proteomic analysis of liver cancer cells treated with 5-Aza-2'-deoxycytidine (AZA). <i>Drug Development Research</i> , 2009 , 70, 22-34	5.1	1
9	Characterization of novel CTNNB1 mutation in Craniopharyngioma by whole-genome sequencing.. <i>Molecular Cancer</i> , 2021 , 20, 168	42.1	1
8	DCLK1 autoinhibition and activation in tumorigenesis.. <i>Innovation(China)</i> , 2022 , 3, 100191	17.8	1

7	Fn14-targeted BiTE and CAR-T cells demonstrate potent preclinical activity against glioblastoma. <i>Oncotimmunology</i> , 2021 , 10, 1983306	7.2	1
6	Structural characterization of PaFkbA: A periplasmic chaperone from. <i>Computational and Structural Biotechnology Journal</i> , 2021 , 19, 2460-2467	6.8	1
5	Magic of Architecting Oligo-DNAs: 3D Structure-Dependent Stability and Programmable Specificity to Tumor Cells. <i>Advanced Functional Materials</i> , 2112544	15.6	0
4	T cell stimulation and expansion by SunTag-based clustering of anti-CD3/CD28 scFv. <i>Aging</i> , 2020 , 12, 11061-11070	5.6	0
3	GEF-independent Ran activation shifts a fraction of the protein to the cytoplasm and promotes cell proliferation.. <i>Molecular Biomedicine</i> , 2020 , 1, 18	3.1	0
2	Mannose Treatment: A Promising Novel Strategy to Suppress Inflammation. <i>Frontiers in Immunology</i> , 2021 , 12, 756920	8.4	0
1	Immunotherapy of glioblastoma: recent advances and future prospects.. <i>Human Vaccines and Immunotherapeutics</i> , 2022 , 1-16	4.4	0