

# Aiping Tong

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4020119/publications.pdf>

Version: 2024-02-01

80  
papers

3,372  
citations

172457

29  
h-index

168389

53  
g-index

82  
all docs

82  
docs citations

82  
times ranked

5639  
citing authors

#	ARTICLE	IF	CITATIONS
1	A vaccine targeting the RBD of the S protein of SARS-CoV-2 induces protective immunity. <i>Nature</i> , 2020, 586, 572-577.	27.8	630
2	Oncolytic Viruses for Cancer Therapy: Barriers and Recent Advances. <i>Molecular Therapy - Oncolytics</i> , 2019, 15, 234-247.	4.4	178
3	Targeted protein degradation: mechanisms, strategies and application. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 113.	17.1	162
4	The role of astrocytes in oxidative stress of central nervous system: A mixed blessing. <i>Cell Proliferation</i> , 2020, 53, e12781.	5.3	150
5	B7-H3 as a Novel CAR-T Therapeutic Target for Glioblastoma. <i>Molecular Therapy - Oncolytics</i> , 2019, 14, 279-287.	4.4	120
6	Tandem CAR-T cells targeting CD70 and B7-H3 exhibit potent preclinical activity against multiple solid tumors. <i>Theranostics</i> , 2020, 10, 7622-7634.	10.0	96
7	EGF and curcumin co-encapsulated nanoparticle/hydrogel system as potent skin regeneration agent. <i>International Journal of Nanomedicine</i> , 2016, Volume 11, 3993-4009.	6.7	87
8	In situ gel-forming AP-57 peptide delivery system for cutaneous wound healing. <i>International Journal of Pharmaceutics</i> , 2015, 495, 560-571.	5.2	76
9	Multi-functional chitosan-based smart hydrogels mediated biomedical application. <i>Expert Opinion on Drug Delivery</i> , 2019, 16, 239-250.	5.0	70
10	Proteomic analysis of cellular protein alterations using a hepatitis B virus-producing cellular model. <i>Proteomics</i> , 2008, 8, 2012-2023.	2.2	69
11	B7-H3-Targeted CAR-T Cells Exhibit Potent Antitumor Effects on Hematologic and Solid Tumors. <i>Molecular Therapy - Oncolytics</i> , 2020, 17, 180-189.	4.4	67
12	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.	4.0	64
13	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.	3.9	63
14	Stereocomplexed electrospun nanofibers containing poly (lactic acid) modified quaternized chitosan for wound healing. <i>Carbohydrate Polymers</i> , 2020, 247, 116754.	10.2	61
15	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.	11.4	57
16	Development of multivalent nanobodies blocking SARS-CoV-2 infection by targeting RBD of spike protein. <i>Journal of Nanobiotechnology</i> , 2021, 19, 33.	9.1	57
17	Proteomic Profiling Identifies Aberrant Epigenetic Modifications Induced by Hepatitis B Virus X Protein. <i>Journal of Proteome Research</i> , 2009, 8, 1037-1046.	3.7	56
18	The role of ROS and subsequent DNA-damage response in PUMA-induced apoptosis of ovarian cancer cells. <i>Oncotarget</i> , 2017, 8, 23492-23506.	1.8	55

#	ARTICLE	IF	CITATIONS
19	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.	6.7	49
20	Interleukin-7-loaded oncolytic adenovirus improves CAR-T cell therapy for glioblastoma. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 2453-2465.	4.2	48
21	Strengthened and Thermally Resistant Poly(lactic acid)-Based Composite Nanofibers Prepared via Easy Stereocomplexation with Antibacterial Effects. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 42992-43002.	8.0	45
22	Bioactivity and safety of B7-H3-targeted chimeric antigen receptor T cells against anaplastic meningioma. <i>Clinical and Translational Immunology</i> , 2020, 9, e1137.	3.8	41
23	Administration of B7-H3 targeted chimeric antigen receptor-T cells induce regression of glioblastoma. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 125.	17.1	41
24	Facile electrospinning of an efficient drug delivery system. <i>Expert Opinion on Drug Delivery</i> , 2016, 13, 741-753.	5.0	40
25	Proteomic analysis of liver cancer cells treated with suberonylanilide hydroxamic acid. <i>Cancer Chemotherapy and Pharmacology</i> , 2008, 61, 791-802.	2.3	39
26	Potential of SARS-CoV-2 to Cause CNS Infection: Biologic Fundamental and Clinical Experience. <i>Frontiers in Neurology</i> , 2020, 11, 659.	2.4	38
27	AP-57/C10orf99 is a new type of multifunctional antimicrobial peptide. <i>Biochemical and Biophysical Research Communications</i> , 2015, 457, 347-352.	2.1	37
28	Potent Anti-adhesion Barrier Combined Biodegradable Hydrogel with Multifunctional Turkish Galls Extract. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 24469-24479.	8.0	36
29	Chitosan coated pH-responsive metal-polyphenol delivery platform for melanoma chemotherapy. <i>Carbohydrate Polymers</i> , 2021, 264, 118000.	10.2	32
30	Intercellular Adhesion Molecule-1 as Target for CAR-T-Cell Therapy of Triple-Negative Breast Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 573823.	4.8	31
31	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.	3.7	29
32	Immunotherapy of glioblastoma: Recent advances and future prospects. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 1-16.	3.3	29
33	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.	5.5	28
34	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, 14927-14944.	3.4	27
35	Facile Construction of Chloroquine Containing PLGA-Based pDNA Delivery System for Efficient Tumor and Pancreatitis Targeting <i>in Vitro</i> and <i>in Vivo</i> . <i>Molecular Pharmaceutics</i> , 2015, 12, 2167-2179.	4.6	27
36	Dual Drug Loaded Biodegradable Nanofibrous Microsphere for Improving Anti-Colon Cancer Activity. <i>Scientific Reports</i> , 2016, 6, 28373.	3.3	27

#	ARTICLE	IF	CITATIONS
37	Targeted Disruption of V600E-Mutant BRAF Gene by CRISPR-Cpf1. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 8, 450-458.	5.1	27
38	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.	6.7	27
39	Mmu-miR-126a-3p plays a role in murine embryo implantation by regulating Itga11. <i>Reproductive BioMedicine Online</i> , 2015, 31, 384-393.	2.4	26
40	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.	5.7	26
41	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.	2.6	25
42	Expression and clinical significance of PD-L1, B7-H3, B7-H4 and VISTA in craniopharyngioma. , 2020, 8, e000406.		25
43	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, Volume 12, 2443-2456.	6.7	24
44	Promising Nanocarriers for PEDF Gene Targeting Delivery to Cervical Cancer Cells Mediated by the Over-expressing FRI±. <i>Scientific Reports</i> , 2016, 6, 32427.	3.3	23
45	A Tumor-Specific Ferric-Coordinated Epigallocatechin-3-gallate cascade nanoreactor for glioblastoma therapy. <i>Journal of Advanced Research</i> , 2021, 34, 29-41.	9.5	22
46	Histones released by NETosis enhance the infectivity of SARS-CoV-2 by bridging the spike protein subunit 2 and sialic acid on host cells. , 2022, 19, 577-587.		22
47	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 &amp; Interfaces</i> , 2016, 8, 6586-6601.	8.0	19
48	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.	3.3	18
49	Novel nanoscale topography on poly(propylene carbonate)/poly(̂μ-caprolactone) electrospun nanofibers modifies osteogenic capacity of ADCs. <i>RSC Advances</i> , 2015, 5, 82834-82844.	3.6	18
50	In situ gel-forming dual drug delivery system for synergistic combination therapy of colorectal peritoneal carcinomatosis. <i>RSC Advances</i> , 2015, 5, 101494-101506.	3.6	18
51	Whole-genome sequencing identifies new genetic alterations in meningiomas. <i>Oncotarget</i> , 2017, 8, 17070-17080.	1.8	17
52	MEK Inhibitor Augments Antitumor Activity of B7-H3-Redirected Bispecific Antibody. <i>Frontiers in Oncology</i> , 2020, 10, 1527.	2.8	16
53	Type II Antitoxin HigA Is a Key Virulence Regulator in <i>Pseudomonas aeruginosa</i> . <i>ACS Infectious Diseases</i> , 2021, 7, 2930-2940.	3.8	16
54	Fabrication and in vivo chondrification of a poly(propylene carbonate)/lactide-grafted tetracalcium phosphate electrospun scaffold for cartilage tissue engineering. <i>RSC Advances</i> , 2015, 5, 42943-42954.	3.6	15

#	ARTICLE	IF	CITATIONS
55	Characterization of novel CTNNB1 mutation in Craniopharyngioma by whole-genome sequencing. <i>Molecular Cancer</i> , 2021, 20, 168.	19.2	15
56	Antimicrobial peptide DP7 with potential activity against SARS coronavirus infections. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 140.	17.1	14
57	Combination therapy with B7H3-redirected bispecific antibody and Sorafenib elicits enhanced synergistic antitumor efficacy. <i>Theranostics</i> , 2020, 10, 10498-10512.	10.0	13
58	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.	5.3	13
59	SARS-CoV-2 spike protein harnesses SNX27-mediated endocytic recycling pathway. <i>MedComm</i> , 2021, 2, 798-809.	7.2	13
60	Zika virus NS5 protein inhibits cell growth and invasion of glioma. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 515-520.	2.1	12
61	A Convenient and Efficient Synthesis of Dipeptidyl Benzoxaboroles and Their Peptidomimetics. <i>Synthesis</i> , 2013, 45, 2843-2852.	2.3	11
62	Clinical and prognostic role of annexin A2 in adamantinomatous craniopharyngioma. <i>Journal of Neuro-Oncology</i> , 2017, 131, 21-29.	2.9	11
63	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.	2.9	11
64	Fn14-targeted BiTE and CAR-T cells demonstrate potent preclinical activity against glioblastoma. <i>Onc Immunology</i> , 2021, 10, 1983306.	4.6	11
65	Frequent B7-H3 overexpression in craniopharyngioma. <i>Biochemical and Biophysical Research Communications</i> , 2019, 514, 379-385.	2.1	10
66	Mannose Treatment: A Promising Novel Strategy to Suppress Inflammation. <i>Frontiers in Immunology</i> , 2021, 12, 756920.	4.8	10
67	DCLK1 Autoinhibition and Activation in Tumorigenesis. <i>Innovation(China)</i> , 2021, 3, 100191.	9.1	9
68	Magic of Architecting OligoDNAs: 3D Structure-Dependent Stability and Programmable Specificity to Tumor Cells. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	9
69	SurvivinT34A increases the therapeutic efficacy of arsenic trioxide in mouse hepatocellular carcinoma models. <i>Oncology Reports</i> , 2016, 36, 3283-3290.	2.6	8
70	Molecular basis of the lipid-induced MucA-MucB dissociation in <i>Pseudomonas aeruginosa</i> . <i>Communications Biology</i> , 2020, 3, 418.	4.4	8
71	Comparative study of (Asp)7-CHOL-modified liposome prepared using pre-insertion and post-insertion methods for bone targeting <i>in vivo</i> . <i>Journal of Drug Targeting</i> , 2017, 25, 149-155.	4.4	6
72	AP-64, Encoded by C5orf46, Exhibits Antimicrobial Activity against Gram-Negative Bacteria. <i>Biomolecules</i> , 2021, 11, 485.	4.0	6

#	ARTICLE	IF	CITATIONS
73	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.	1.2	6
74	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.	0.0	6
75	Genome-scale CRISPR-Cas9 screen reveals novel regulators of B7-H3 in tumor cells. , 2022, 10, e004875.		6
76	Structural characterization of PaFkbA: A periplasmic chaperone from <i>Pseudomonas aeruginosa</i> . <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 2460-2467.	4.1	4
77	T cell stimulation and expansion by SunTag-based clustering of anti-CD3/CD28 scFv. <i>Aging</i> , 2020, 12, 11061-11070.	3.1	3
78	GEF-independent Ran activation shifts a fraction of the protein to the cytoplasm and promotes cell proliferation. <i>Molecular Biomedicine</i> , 2020, 1, 18.	4.4	3
79	Proteomic analysis of liver cancer cells treated with 5-azadeoxycytidine (AZA). <i>Drug Development Research</i> , 2009, 70, 22-34.	2.9	1
80	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, 175-181.	2.1	1