

# Peigen Huang

## List of Publications by Year in descending order

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39  
papers

3,887  
citations

304743

22  
h-index

414414

32  
g-index

40  
all docs

40  
docs citations

40  
times ranked

6367  
citing authors

#	ARTICLE	IF	CITATIONS
1	Vascular normalizing doses of antiangiogenic treatment reprogram the immunosuppressive tumor microenvironment and enhance immunotherapy. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17561-17566.	7.1	800
2	Angiotensin inhibition enhances drug delivery and potentiates chemotherapy by decompressing tumour blood vessels. Nature Communications, 2013, 4, 2516.	12.8	745
3	CXCR4 inhibition in tumor microenvironment facilitates anti-programmed death receptor immunotherapy in sorafenib-treated hepatocellular carcinoma in mice. Hepatology, 2015, 61, 1591-1602.	7.3	355
4	Obesity-Induced Inflammation and Desmoplasia Promote Pancreatic Cancer Progression and Resistance to Chemotherapy. Cancer Discovery, 2016, 6, 852-869.	9.4	318
5	Blocking CXCR4 alleviates desmoplasia, increases T-lymphocyte infiltration, and improves immunotherapy in metastatic breast cancer. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4558-4566.	7.1	274
6	Dual Programmed Death Receptor 1 and Vascular Endothelial Growth Factor Receptor 2 Blockade Promotes Vascular Normalization and Enhances Antitumor Immune Responses in Hepatocellular Carcinoma. Hepatology, 2020, 71, 1247-1261.	7.3	247
7	Reprogramming the microenvironment with tumor-selective angiotensin blockers enhances cancer immunotherapy. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10674-10680.	7.1	150
8	Solid stress in brain tumours causes neuronal loss and neurological dysfunction and can be reversed by lithium. Nature Biomedical Engineering, 2019, 3, 230-245.	22.5	127
9	Targeting Treg cells with G1TR activation alleviates resistance to immunotherapy in murine glioblastomas. Nature Communications, 2021, 12, 2582.	12.8	96
10	Regorafenib combined with PD1 blockade increases CD8 T-cell infiltration by inducing CXCL10 expression in hepatocellular carcinoma. , 2020, 8, e001435.		87
11	Quantifying solid stress and elastic energy from excised or in situ tumors. Nature Protocols, 2018, 13, 1091-1105.	12.0	70
12	Growth and metastatic behavior of five human glioblastomas compared with nine other histological types of human tumor xenografts in SCID mice. Journal of Neurosurgery, 1995, 83, 308-315.	1.6	69
13	Preclinical Efficacy of Ado-trastuzumab Emtansine in the Brain Microenvironment. Journal of the National Cancer Institute, 2016, 108, .	6.3	56
14	Differential Transplantability of Tumor-Associated Stromal Cells. Cancer Research, 2004, 64, 5920-5924.	0.9	49
15	Methicillin-resistant <i>Staphylococcus aureus</i> causes sustained collecting lymphatic vessel dysfunction. Science Translational Medicine, 2018, 10, .	12.4	45
16	Anti-VEGF treatment improves neurological function and augments radiation response in NF2 schwannoma model. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14676-14681.	7.1	44
17	Dendritic cell paucity in mismatch repair proficient colorectal cancer liver metastases limits immune checkpoint blockade efficacy. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	40
18	Solid stress impairs lymphocyte infiltration into lymph-node metastases. Nature Biomedical Engineering, 2021, 5, 1426-1436.	22.5	38

#	ARTICLE	IF	CITATIONS
19	MicroRNA-378 enhances inhibitory effect of curcumin on glioblastoma. <i>Oncotarget</i> , 2017, 8, 73938-73946.	1.8	35
20	Histopathologic findings and establishment of novel tumor lines from spontaneous tumors in FVB/N mice. <i>Comparative Medicine</i> , 2008, 58, 253-63.	1.0	32
21	Heparan sulfate proteoglycans mediate renal carcinoma metastasis. <i>International Journal of Cancer</i> , 2016, 139, 2791-2801.	5.1	28
22	The effect of the overall treatment time of fractionated irradiation on the tumor control probability of a human soft tissue sarcoma xenograft in nude mice. <i>International Journal of Radiation Oncology Biology Physics</i> , 1995, 32, 105-111.	0.8	26
23	In vivo compression and imaging in mouse brain to measure the effects of solid stress. <i>Nature Protocols</i> , 2020, 15, 2321-2340.	12.0	24
24	Spontaneous nonthymic tumors in SCID mice. <i>Comparative Medicine</i> , 2011, 61, 227-34.	1.0	24
25	MicroRNA-378 enhances radiation response in ectopic and orthotopic implantation models of glioblastoma. <i>Journal of Neuro-Oncology</i> , 2018, 136, 63-71.	2.9	22
26	Combining losartan with radiotherapy increases tumor control and inhibits lung metastases from a HER2/neu-positive orthotopic breast cancer model. <i>Radiation Oncology</i> , 2021, 16, 48.	2.7	19
27	A cerebellopontine angle mouse model for the investigation of tumor biology, hearing, and neurological function in NF2-related vestibular schwannoma. <i>Nature Protocols</i> , 2019, 14, 541-555.	12.0	18
28	The effect of combining recombinant human tumor necrosis factor-alpha with local radiation on tumor control probability of a human glioblastoma multiforme xenograft in nude mice. <i>International Journal of Radiation Oncology Biology Physics</i> , 1995, 32, 93-98.	0.8	15
29	Green fluorescent protein (GFP)-expressing tumor model derived from a spontaneous osteosarcoma in a vascular endothelial growth factor (VEGF)-GFP transgenic mouse. <i>Comparative Medicine</i> , 2005, 55, 236-43.	1.0	13
30	Spontaneous metastasis, proliferation characteristics and radiation sensitivity of fractionated irradiation recurrent and unirradiated human xenografts. <i>Radiotherapy and Oncology</i> , 1996, 41, 73-81.	0.6	8
31	Determinates of tumor response to radiation: Tumor cells, tumor stroma and permanent local control. <i>Radiotherapy and Oncology</i> , 2014, 113, 146-149.	0.6	8
32	Lifetime Increased Cancer Risk in Mice Following Exposure to Clinical Proton Beam-Generated Neutrons. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 161-166.	0.8	3
33	Abstract P057: Targeting Treg cells with GITR activation alleviates resistance to immunotherapy in murine glioblastomas. <i>Cancer Immunology Research</i> , 2022, 10, P057-P057.	3.4	1
34	Solid stress impairs lymphocyte infiltration into lymph node metastases. <i>FASEB Journal</i> , 2022, 36, .	0.5	1
35	Quantitative comparison of xenotransplantation of a human soft tissue sarcoma into the subcutaneous tissue of normal, postincision, and postincision plus indomethacin-treated nude mice. <i>Journal of Surgical Oncology</i> , 1995, 58, 257-262.	1.7	0
36	BSCI-10. NEUROLOGICAL DYSFUNCTION CAUSED BY BRAIN TUMOR-GENERATED SOLID STRESS IS REVERSED BY LITHIUM. <i>Neuro-Oncology Advances</i> , 2019, 1, i2-i3.	0.7	0

#	ARTICLE	IF	CITATIONS
37	Surface glycoalyx and glypicanâ€1 mediate tumor cell metastasis. FASEB Journal, 2018, 32, 281.5.	0.5	0
38	Abstract P061: Dendritic cell paucity in mismatch repair-proficient colorectal cancer liver metastases limits the efficacy of immune checkpoint blockade. , 2022, , .		0
39	TMOD-37. IN VIVO COMPRESSION AND IMAGING FOR CAUSAL STUDIES OF MECHANICAL FORCES IN THE BRAIN. Neuro-Oncology, 2020, 22, ii235-ii236.	1.2	0