

List of Publications by Citations

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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.

110 papers	4,125 citations	34 h-index	59 g-index
116 ext. papers	4,767 ext. citations	7.3 avg, IF	4.65 L-index

#	Paper	IF	Citations
110	Nitroaspirin corrects immune dysfunction in tumor-bearing hosts and promotes tumor eradication by cancer vaccination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 4185-90	11.5	253
109	Zoledronic acid repolarizes tumour-associated macrophages and inhibits mammary carcinogenesis by targeting the mevalonate pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2010 , 14, 2803-15	5.6	201
108	Phosphoinositide 3-kinase p110beta activity: key role in metabolism and mammary gland cancer but not development. <i>Science Signaling</i> , 2008 , 1, ra3	8.8	198
107	Biofilm formation by the emerging fungal pathogen <i>Trichosporon asahii</i> : development, architecture, and antifungal resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2006 , 50, 3269-76	5.9	158
106	Electroporated DNA vaccine clears away multifocal mammary carcinomas in her-2/neu transgenic mice. <i>Cancer Research</i> , 2004 , 64, 2858-64	10.1	137
105	Cutting edge: TRAIL deficiency accelerates hematological malignancies. <i>Journal of Immunology</i> , 2005 , 175, 5586-90	5.3	131
104	Baricitinib restrains the immune dysregulation in patients with severe COVID-19. <i>Journal of Clinical Investigation</i> , 2020 , 130, 6409-6416	15.9	130
103	Inhibition of the phosphatidylinositol 3-kinase/Akt pathway by inositol pentakisphosphate results in antiangiogenic and antitumor effects. <i>Cancer Research</i> , 2005 , 65, 8339-49	10.1	116
102	Phospholipase Cgamma1 is required for metastasis development and progression. <i>Cancer Research</i> , 2008 , 68, 10187-96	10.1	110
101	ALK Protein Analysis by IHC Staining after Recent Regulatory Changes: A Comparison of Two Widely Used Approaches, Revision of the Literature, and a New Testing Algorithm. <i>Journal of Thoracic Oncology</i> , 2016 , 11, 487-95	8.9	102
100	Immunoprevention of mammary carcinoma in HER-2/neu transgenic mice is IFN-gamma and B cell dependent. <i>Journal of Immunology</i> , 2004 , 173, 2288-96	5.3	87
99	Immunoprevention of HER-2/neu transgenic mammary carcinoma through an interleukin 12-engineered allogeneic cell vaccine. <i>Cancer Research</i> , 2004 , 64, 4001-9	10.1	79
98	Platelets Promote Thromboinflammation in SARS-CoV-2 Pneumonia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020 , 40, 2975-2989	9.4	76
97	Immunosurveillance of Erbb2 carcinogenesis in transgenic mice is concealed by a dominant regulatory T-cell self-tolerance. <i>Cancer Research</i> , 2006 , 66, 7734-40	10.1	71
96	Triggering CD40 on endothelial cells contributes to tumor growth. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2441-50	16.6	67
95	Multiorgan metastasis of human HER-2+ breast cancer in Rag2-/-;Il2rg-/- mice and treatment with PI3K inhibitor. <i>PLoS ONE</i> , 2012 , 7, e39626	3.7	66
94	A DNA vaccine targeting angiogenin inhibits angiogenesis and suppresses tumor growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 9208-13	11.5	66

93	Flavonoids inhibit melanoma lung metastasis by impairing tumor cells endothelium interactions. <i>Journal of Cellular Physiology</i> , 2006 , 207, 23-9	7	62
92	LAG-3 enables DNA vaccination to persistently prevent mammary carcinogenesis in HER-2/neu transgenic BALB/c mice. <i>Cancer Research</i> , 2003 , 63, 2518-25	10.1	62
91	Cure of mammary carcinomas in Her-2 transgenic mice through sequential stimulation of innate (neoadjuvant interleukin-12) and adaptive (DNA vaccine electroporation) immunity. <i>Clinical Cancer Research</i> , 2005 , 11, 1941-52	12.9	58
90	Concordant morphologic and gene expression data show that a vaccine halts HER-2/neu preneoplastic lesions. <i>Journal of Clinical Investigation</i> , 2004 , 113, 709-17	15.9	58
89	The human splice variant Δ 16HER2 induces rapid tumor onset in a reporter transgenic mouse. <i>PLoS ONE</i> , 2011 , 6, e18727	3.7	55
88	Essential role of the p110beta subunit of phosphoinositide 3-OH kinase in male fertility. <i>Molecular Biology of the Cell</i> , 2010 , 21, 704-11	3.5	51
87	Functional and prognostic significance of the genomic amplification of frizzled 6 (FZD6) in breast cancer. <i>Journal of Pathology</i> , 2017 , 241, 350-361	9.4	49
86	Sanguinarine suppresses basal-like breast cancer growth through dihydrofolate reductase inhibition. <i>Biochemical Pharmacology</i> , 2014 , 90, 226-34	6	47
85	Activated d16HER2 homodimers and SRC kinase mediate optimal efficacy for trastuzumab. <i>Cancer Research</i> , 2014 , 74, 6248-59	10.1	47
84	Xenogeneic immunization in mice using HER2 DNA delivered by an adenoviral vector. <i>International Journal of Cancer</i> , 2005 , 113, 67-77	7.5	46
83	A better immune reaction to Erbb-2 tumors is elicited in mice by DNA vaccines encoding rat/human chimeric proteins. <i>Cancer Research</i> , 2010 , 70, 2604-12	10.1	44
82	The water soluble ruthenium(II) organometallic compound [Ru(p-cymene)(bis(3,5 dimethylpyrazol-1-yl)methane)Cl]Cl suppresses triple negative breast cancer growth by inhibiting tumor infiltration of regulatory T cells. <i>Pharmacological Research</i> , 2016 , 107, 282-290	10.2	43
81	Antimetastatic activity of a preventive cancer vaccine. <i>Cancer Research</i> , 2007 , 67, 11037-44	10.1	42
80	Host perforin reduces tumor number but does not increase survival in oncogene-driven mammary adenocarcinoma. <i>Cancer Research</i> , 2007 , 67, 5454-60	10.1	41
79	Gene expression analysis of immune-mediated arrest of tumorigenesis in a transgenic mouse model of HER-2/neu-positive basal-like mammary carcinoma. <i>American Journal of Pathology</i> , 2005 , 166, 1205-16	5.8	41
78	Preventive vaccination with telomerase controls tumor growth in genetically engineered and carcinogen-induced mouse models of cancer. <i>Cancer Research</i> , 2008 , 68, 9865-74	10.1	40
77	p130Cas is an essential transducer element in ErbB2 transformation. <i>FASEB Journal</i> , 2010 , 24, 3796-808	0.9	39
76	Lack of expression of galectin-3 is associated with a poor outcome in node-negative patients with laryngeal squamous-cell carcinoma. <i>Journal of Clinical Oncology</i> , 2002 , 20, 3850-6	2.2	34

75	Deciphering the state of immune silence in fatal COVID-19 patients. <i>Nature Communications</i> , 2021 , 12, 1428	17.4	34
74	A vaccine targeting angiotensin induces an antibody response which alters tumor vessel permeability and hampers the growth of established tumors. <i>Angiogenesis</i> , 2012 , 15, 305-16	10.6	33
73	A dietary tomato supplement prevents prostate cancer in TRAMP mice. <i>Cancer Prevention Research</i> , 2010 , 3, 1284-91	3.2	33
72	Resveratrol fuels HER2 and ER α -positive breast cancer behaving as proteasome inhibitor. <i>Aging</i> , 2017 , 9, 508-523	5.6	32
71	Induction of immunosuppressive functions and NF- κ B by FLIP in monocytes. <i>Nature Communications</i> , 2018 , 9, 5193	17.4	31
70	Resveratrol has anti-thyroid effects both in vitro and in vivo. <i>Food and Chemical Toxicology</i> , 2017 , 107, 237-247	4.7	30
69	DNA vaccination against oncoantigens: A promise. <i>OncolImmunology</i> , 2012 , 1, 316-325	7.2	30
68	Resolvin D1 Reduces Lung Infection and Inflammation Activating Resolution in Cystic Fibrosis. <i>Frontiers in Immunology</i> , 2020 , 11, 581	8.4	28
67	Mesenchymal/stromal gene expression signature relates to basal-like breast cancers, identifies bone metastasis and predicts resistance to therapies. <i>PLoS ONE</i> , 2010 , 5, e14131	3.7	28
66	Effect of maternal exposure to endocrine disrupting chemicals on reproduction and mammary gland development in female Sprague-Dawley rats. <i>Reproductive Toxicology</i> , 2015 , 54, 110-9	3.4	27
65	Preclinical therapy of disseminated HER-2+ ovarian and breast carcinomas with a HER-2-retargeted oncolytic herpesvirus. <i>PLoS Pathogens</i> , 2013 , 9, e1003155	7.6	27
64	Autoimmune B-cell lymphopenia after successful adoptive therapy with telomerase-specific T lymphocytes. <i>Blood</i> , 2010 , 115, 1374-84	2.2	27
63	Prevention of HER-2/neu transgenic mammary carcinoma by tamoxifen plus interleukin 12. <i>International Journal of Cancer</i> , 2003 , 105, 384-9	7.5	27
62	Analytical assessment of MALDI-TOF Imaging Mass Spectrometry on thin histological samples. An insight in proteome investigation. <i>Clinica Chimica Acta</i> , 2005 , 357, 210-8	6.2	26
61	Computational drugs repositioning identifies inhibitors of oncogenic PI3K/AKT/P70S6K-dependent pathways among FDA-approved compounds. <i>Oncotarget</i> , 2016 , 7, 58743-58758	3.3	26
60	Vaccines against human HER2 prevent mammary carcinoma in mice transgenic for human HER2. <i>Breast Cancer Research</i> , 2014 , 16, R10	8.3	25
59	HER-2/neu mediates oncogenic transformation via altered CREB expression and function. <i>Molecular Cancer Research</i> , 2013 , 11, 1462-77	6.6	25
58	An integrated approach of immunogenomics and bioinformatics to identify new Tumor Associated Antigens (TAA) for mammary cancer immunological prevention. <i>BMC Bioinformatics</i> , 2005 , 6 Suppl 4, S7	3.6	25

57	ErbB2 DNA vaccine combined with regulatory T cell deletion enhances antibody response and reveals latent low-avidity T cells: potential and limits of its therapeutic efficacy. <i>Journal of Immunology</i> , 2010 , 184, 6124-32	5.3	24
56	Neutrophils in anti-cancer immunological strategies: old players in new games. <i>Journal of Hematotherapy and Stem Cell Research</i> , 2001 , 10, 739-48		24
55	Claudin-4 SPECT Imaging Allows Detection of Aplastic Lesions in a Mouse Model of Breast Cancer. <i>Journal of Nuclear Medicine</i> , 2015 , 56, 745-51	8.9	22
54	Disruption of IFN-I Signaling Promotes HER2/Neu Tumor Progression and Breast Cancer Stem Cells. <i>Cancer Immunology Research</i> , 2018 , 6, 658-670	12.5	21
53	p130Cas/Cyclooxygenase-2 axis in the control of mesenchymal plasticity of breast cancer cells. <i>Breast Cancer Research</i> , 2012 , 14, R137	8.3	21
52	Early onset and enhanced growth of autochthonous mammary carcinomas in C3-deficient Her2/neu transgenic mice. <i>Onc Immunology</i> , 2013 , 2, e26137	7.2	21
51	Feasibility of Telomerase-Specific Adoptive T-cell Therapy for B-cell Chronic Lymphocytic Leukemia and Solid Malignancies. <i>Cancer Research</i> , 2016 , 76, 2540-51	10.1	21
50	Timely DNA vaccine combined with systemic IL-12 prevents parotid carcinomas before a dominant-negative p53 makes their growth independent of HER-2/neu expression. <i>Journal of Immunology</i> , 2006 , 176, 7695-703	5.3	19
49	The non-inflammatory role of C1q during Her2/neu-driven mammary carcinogenesis. <i>Onc Immunology</i> , 2016 , 5, e1253653	7.2	18
48	MiR-205-5p inhibition by locked nucleic acids impairs metastatic potential of breast cancer cells. <i>Cell Death and Disease</i> , 2018 , 9, 821	9.8	18
47	AvidinOX for highly efficient tissue-pretargeted radionuclide therapy. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2010 , 25, 143-8	3.9	18
46	Protective immunity against neu-positive carcinomas elicited by electroporation of plasmids encoding decreasing fragments of rat neu extracellular domain. <i>Human Gene Therapy</i> , 2008 , 19, 229-40	4.8	18
45	Irreversible inhibition of π 6HER2 is necessary to suppress π 6HER2-positive breast carcinomas resistant to Lapatinib. <i>Cancer Letters</i> , 2016 , 381, 76-84	9.9	18
44	EV20-Sap, a novel anti-HER-3 antibody-drug conjugate, displays promising antitumor activity in melanoma. <i>Oncotarget</i> , 2017 , 8, 95412-95424	3.3	17
43	PLC-gamma-1 phosphorylation status is prognostic of metastatic risk in patients with early-stage Luminal-A and -B breast cancer subtypes. <i>BMC Cancer</i> , 2019 , 19, 747	4.8	17
42	Characterization of a genetic mouse model of lung cancer: a promise to identify Non-Small Cell Lung Cancer therapeutic targets and biomarkers. <i>BMC Genomics</i> , 2014 , 15 Suppl 3, S1	4.5	17
41	Disabled Homolog 2 Controls Prometastatic Activity of Tumor-Associated Macrophages. <i>Cancer Discovery</i> , 2020 , 10, 1758-1773	24.4	17
40	EV20-mediated delivery of cytotoxic auristatin MMAF exhibits potent therapeutic efficacy in cutaneous melanoma. <i>Journal of Controlled Release</i> , 2018 , 277, 48-56	11.7	16

39	The adjuvant activity of BAT antibody enables DNA vaccination to inhibit the progression of established autochthonous Her-2/neu carcinomas in BALB/c mice. <i>Vaccine</i> , 2005 , 23, 3280-7	4.1	16
38	Class II phosphoinositide 3-kinase C2 β regulates a novel signaling pathway involved in breast cancer progression. <i>Oncotarget</i> , 2016 , 7, 18325-45	3.3	16
37	Resolvin D1 and D2 reduce SARS-CoV-2-induced inflammatory responses in cystic fibrosis macrophages. <i>FASEB Journal</i> , 2021 , 35, e21441	0.9	15
36	Multiple roles of perforin in hampering ERBB-2 (Her-2/neu) carcinogenesis in transgenic male mice. <i>Journal of Immunology</i> , 2014 , 192, 5434-41	5.3	14
35	Expression of CREB in primary pterygium and correlation with cyclin D1, ki-67, MMP7, p53, p63, Survivin and Vimentin. <i>Ophthalmic Research</i> , 2013 , 50, 99-107	2.9	14
34	Intramammary application of non-methylated-CpG oligodeoxynucleotides (CpG) inhibits both local and systemic mammary carcinogenesis in female BALB/c Her-2/neu transgenic mice. <i>Current Cancer Drug Targets</i> , 2008 , 8, 230-42	2.8	13
33	Salivary carcinoma in HER-2/neu transgenic male mice: An angiogenic switch is not required for tumor onset and progression. <i>International Journal of Cancer</i> , 2000 , 88, 329-335	7.5	13
32	Effective control of acute myeloid leukaemia and acute lymphoblastic leukaemia progression by telomerase specific adoptive T-cell therapy. <i>Oncotarget</i> , 2017 , 8, 86987-87001	3.3	13
31	Pyruvium Pamoate Induces Death of Triple-Negative Breast Cancer Stem-Like Cells and Reduces Metastases through Effects on Lipid Anabolism. <i>Cancer Research</i> , 2020 , 80, 4087-4102	10.1	13
30	Phage-Based Anti-HER2 Vaccination Can Circumvent Immune Tolerance against Breast Cancer. <i>Cancer Immunology Research</i> , 2018 , 6, 1486-1498	12.5	13
29	The scaffold protein p140Cap limits ERBB2-mediated breast cancer progression interfering with Rac GTPase-controlled circuitries. <i>Nature Communications</i> , 2017 , 8, 14797	17.4	12
28	In vitro and in vivo studies of gold(II) azolate/phosphane complexes for the treatment of basal like breast cancer. <i>European Journal of Medicinal Chemistry</i> , 2018 , 155, 418-427	6.8	12
27	Dramatic response to crizotinib in ROS1 fluorescent in situ hybridization- and immunohistochemistry-positive lung adenocarcinoma: a case series. <i>Clinical Lung Cancer</i> , 2014 , 15, 470-474	4.9	12
26	Immune prevention of mammary carcinogenesis in HER-2/neu transgenic mice: a microarray scenario. <i>Cancer Immunology, Immunotherapy</i> , 2005 , 54, 599-610	7.4	12
25	Imaging DNA damage allows detection of preneoplasia in the BALB-neuT model of breast cancer. <i>Journal of Nuclear Medicine</i> , 2014 , 55, 2026-31	8.9	11
24	Intradermal DNA Electroporation Induces Cellular and Humoral Immune Response and Confers Protection against HER2/neu Tumor. <i>Journal of Immunology Research</i> , 2015 , 2015, 159145	4.5	10
23	Interleukin-15 is required for immunosurveillance and immunoprevention of HER2/neu-driven mammary carcinogenesis. <i>Breast Cancer Research</i> , 2015 , 17, 70	8.3	10
22	HCG hastens both the development of mammary carcinoma and the metastatization of HCG/LH and ERBB-2 receptor-positive cells in mice. <i>International Journal of Immunopathology and Pharmacology</i> , 2011 , 24, 621-30	3	10

21	HER2 isoforms co-expression differently tunes mammary tumor phenotypes affecting onset, vasculature and therapeutic response. <i>Oncotarget</i> , 2017 , 8, 54444-54458	3.3	10
20	Antitumor immunization of mothers delays tumor development in cancer-prone offspring. <i>Oncolimmunology</i> , 2015 , 4, e1005500	7.2	9
19	Development of a VLP-Based Vaccine Displaying an xCT Extracellular Domain for the Treatment of Metastatic Breast Cancer. <i>Cancers</i> , 2020 , 12,	6.6	9
18	Phenethyl isothiocyanate hampers growth and progression of HER2-positive breast and ovarian carcinoma by targeting their stem cell compartment. <i>Cellular Oncology (Dordrecht)</i> , 2019 , 42, 815-828	7.2	9
17	Optical imaging detection of microscopic mammary cancer in ErbB-2 transgenic mice through the DA364 probe binding $\alpha\beta$ integrins. <i>Contrast Media and Molecular Imaging</i> , 2013 , 8, 350-60	3.2	9
16	The SRCIN1/p140Cap adaptor protein negatively regulates the aggressiveness of neuroblastoma. <i>Cell Death and Differentiation</i> , 2020 , 27, 790-807	12.7	9
15	Predictive Signatures Inform the Effective Repurposing of Decitabine to Treat KRAS-Dependent Pancreatic Ductal Adenocarcinoma. <i>Cancer Research</i> , 2019 , 79, 5612-5625	10.1	8
14	Improvement of urinary tract symptoms and quality of life in benign prostate hyperplasia patients associated with consumption of a newly developed whole tomato-based food supplement: a phase II prospective, randomized double-blinded, placebo-controlled study. <i>Journal of Translational Medicine</i> , 2021 , 13, 24	8.5	7
13	Targeting Vesicular LGALS3BP by an Antibody-Drug Conjugate as Novel Therapeutic Strategy for Neuroblastoma. <i>Cancers</i> , 2020 , 12,	6.6	6
12	Generation of multiparametric MRI maps by using Gd-labelled- RBCs reveals phenotypes and stages of murine prostate cancer. <i>Scientific Reports</i> , 2018 , 8, 10567	4.9	5
11	rBet v 1 immunotherapy of sensitized mice with Streptococcus thermophilus as vehicle and adjuvant. <i>Human Vaccines and Immunotherapeutics</i> , 2014 , 10, 1228-37	4.4	5
10	A DNA vaccine against ERBB2 impairs chemical carcinogenesis in random-bred hamsters. <i>Cancer Prevention Research</i> , 2011 , 4, 994-1001	3.2	5
9	Arginase 1-Based Immune Modulatory Vaccines Induce Anticancer Immunity and Synergize with Anti-PD-1 Checkpoint Blockade. <i>Cancer Immunology Research</i> , 2021 , 9, 1316-1326	12.5	5
8	Inhibition of prostate carcinogenesis by combined active immunoprophylaxis. <i>International Journal of Cancer</i> , 2007 , 121, 88-94	7.5	4
7	Repurposing a psychoactive drug for children with cancer: p27-dependent inhibition of metastatic neuroblastomas by Prozac. <i>Oncogenesis</i> , 2020 , 9, 3	6.6	4
6	Deciphering the state of immune silence in fatal COVID-19 patients		4
5	Fatal cytokine release syndrome by an aberrant FLIP/STAT3 axis. <i>Cell Death and Differentiation</i> , 2021 ,	12.7	4
4	Interrupting the nitrosative stress fuels tumor-specific cytotoxic T lymphocytes in pancreatic cancer. 2022 , 10,		3

3	Efficacy and Safety of Lycoprogen [®] , a Novel Tomato-Based Food Supplement in Patients with Benign Prostatic Hyperplasia. <i>International Journal of Nutrition</i> , 2018 , 3, 1-5	2.2	3
2	HER2-Driven Carcinogenesis: New Mouse Models for Novel Immunotherapies 2013 ,		2
1	Tamoxifen combined to anti-HER-2/neu cell vaccine does not hamper cancer immunopreventive efficacy. <i>Vaccine</i> , 2009 , 27, 2065-9	4.1	1