

# Federica Cavallo

## List of Publications by Citations

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164  
papers

7,191  
citations

41  
h-index

79  
g-index

181  
ext. papers

8,057  
ext. citations

7.2  
avg, IF

5.34  
L-index

#	Paper	IF	Citations
164	A novel transforming protein (SHC) with an SH2 domain is implicated in mitogenic signal transduction. <i>Cell</i> , <b>1992</b> , 70, 93-104	56.2	1271
163	Classification of current anticancer immunotherapies. <i>Oncotarget</i> , <b>2014</b> , 5, 12472-508	3.3	301
162	2011: the immune hallmarks of cancer. <i>Cancer Immunology, Immunotherapy</i> , <b>2011</b> , 60, 319-26	7.4	260
161	Vaccines for tumour prevention. <i>Nature Reviews Cancer</i> , <b>2006</b> , 6, 204-16	31.3	256
160	Interleukin 12-mediated prevention of spontaneous mammary adenocarcinomas in two lines of Her-2/neu transgenic mice. <i>Journal of Experimental Medicine</i> , <b>1998</b> , 188, 589-96	16.6	252
159	Combined allogeneic tumor cell vaccination and systemic interleukin 12 prevents mammary carcinogenesis in HER-2/neu transgenic mice. <i>Journal of Experimental Medicine</i> , <b>2001</b> , 194, 1195-205	16.6	203
158	Zoledronic acid repolarizes tumour-associated macrophages and inhibits mammary carcinogenesis by targeting the mevalonate pathway. <i>Journal of Cellular and Molecular Medicine</i> , <b>2010</b> , 14, 2803-15	5.6	201
157	Antitumor efficacy of adenocarcinoma cells engineered to produce interleukin 12 (IL-12) or other cytokines compared with exogenous IL-12. <i>Journal of the National Cancer Institute</i> , <b>1997</b> , 89, 1049-58	9.7	151
156	Cytokines, tumour-cell death and immunogenicity: a question of choice. <i>Trends in Immunology</i> , <b>1997</b> , 18, 32-6		149
155	Electroporated DNA vaccine clears away multifocal mammary carcinomas in her-2/neu transgenic mice. <i>Cancer Research</i> , <b>2004</b> , 64, 2858-64	10.1	137
154	IL-12 inhibition of endothelial cell functions and angiogenesis depends on lymphocyte-endothelial cell cross-talk. <i>Journal of Immunology</i> , <b>2001</b> , 166, 3890-9	5.3	132
153	Constitutively active Stat3 enhances neu-mediated migration and metastasis in mammary tumors via upregulation of Cten. <i>Cancer Research</i> , <b>2010</b> , 70, 2558-67	10.1	116
152	p130Cas as a new regulator of mammary epithelial cell proliferation, survival, and HER2-neu oncogene-dependent breast tumorigenesis. <i>Cancer Research</i> , <b>2006</b> , 66, 4672-80	10.1	112
151	Co-expression of B7-1 and ICAM-1 on tumors is required for rejection and the establishment of a memory response. <i>European Journal of Immunology</i> , <b>1995</b> , 25, 1154-62	6.1	106
150	Consensus nomenclature for CD8 T cell phenotypes in cancer. <i>Oncolmmunology</i> , <b>2015</b> , 4, e998538	7.2	101
149	Inhibition of tumor growth and enhancement of metastasis after transfection of the gamma-interferon gene. <i>International Journal of Cancer</i> , <b>1993</b> , 55, 320-9	7.5	81
148	Immunoprevention of HER-2/neu transgenic mammary carcinoma through an interleukin 12-engineered allogeneic cell vaccine. <i>Cancer Research</i> , <b>2004</b> , 64, 4001-9	10.1	79

147	Vaccination with ENO1 DNA prolongs survival of genetically engineered mice with pancreatic cancer. <i>Gastroenterology</i> , <b>2013</b> , 144, 1098-106	13.3	74
146	Immunosurveillance of Erbb2 carcinogenesis in transgenic mice is concealed by a dominant regulatory T-cell self-tolerance. <i>Cancer Research</i> , <b>2006</b> , 66, 7734-40	10.1	71
145	Vaccination for treatment and prevention of cancer in animal models. <i>Advances in Immunology</i> , <b>2006</b> , 90, 175-213	5.6	70
144	State-of-the-art fusion-finder algorithms sensitivity and specificity. <i>BioMed Research International</i> , <b>2013</b> , 2013, 340620	3	69
143	Distinct and non-overlapping T cell receptor repertoires expanded by DNA vaccination in wild-type and HER-2 transgenic BALB/c mice. <i>Journal of Immunology</i> , <b>2006</b> , 177, 7626-33	5.3	69
142	A DNA vaccine targeting angiotensin II inhibits angiogenesis and suppresses tumor growth. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2006</b> , 103, 9208-13	11.5	66
141	Sca-1 identifies the tumor-initiating cells in mammary tumors of BALB-neuT transgenic mice. <i>Neoplasia</i> , <b>2008</b> , 10, 1433-43	6.4	65
140	p140Cas protein suppresses tumour cell properties, regulating Csk and Src kinase activity. <i>EMBO Journal</i> , <b>2007</b> , 26, 2843-55	13	65
139	Immunotargeting of Antigen xCT Attenuates Stem-like Cell Behavior and Metastatic Progression in Breast Cancer. <i>Cancer Research</i> , <b>2016</b> , 76, 62-72	10.1	62
138	The noninflammatory role of high mobility group box 1/Toll-like receptor 2 axis in the self-renewal of mammary cancer stem cells. <i>FASEB Journal</i> , <b>2013</b> , 27, 4731-44	0.9	62
137	The IKK/NF- $\kappa$ B signaling pathway requires Morgana to drive breast cancer metastasis. <i>Nature Communications</i> , <b>2017</b> , 8, 1636	17.4	59
136	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> , <b>2005</b> , 11, 1941-52	12.9	58
135	Concordant morphologic and gene expression data show that a vaccine halts HER-2/neu preneoplastic lesions. <i>Journal of Clinical Investigation</i> , <b>2004</b> , 113, 709-17	15.9	58
134	Targeting ferritin receptors for the selective delivery of imaging and therapeutic agents to breast cancer cells. <i>Nanoscale</i> , <b>2015</b> , 7, 6527-33	7.7	55
133	State of art fusion-finder algorithms are suitable to detect transcription-induced chimeras in normal tissues?. <i>BMC Bioinformatics</i> , <b>2013</b> , 14 Suppl 7, S2	3.6	54
132	CSPG4-specific immunity and survival prolongation in dogs with oral malignant melanoma immunized with human CSPG4 DNA. <i>Clinical Cancer Research</i> , <b>2014</b> , 20, 3753-62	12.9	51
131	Are oncoantigens suitable targets for anti-tumour therapy?. <i>Nature Reviews Cancer</i> , <b>2007</b> , 7, 707-13	31.3	50
130	miR-135b coordinates progression of ErbB2-driven mammary carcinomas through suppression of MID1 and MTCH2. <i>American Journal of Pathology</i> , <b>2013</b> , 182, 2058-70	5.8	46

129	Xenogeneic immunization in mice using HER2 DNA delivered by an adenoviral vector. <i>International Journal of Cancer</i> , <b>2005</b> , 113, 67-77	7.5	46
128	Heterogeneous effects of B7-1 and B7-2 in the induction of both protective and therapeutic anti-tumor immunity against different mouse tumors. <i>European Journal of Immunology</i> , <b>1996</b> , 26, 1851-9	6.1	46
127	L-Ferritin targets breast cancer stem cells and delivers therapeutic and imaging agents. <i>Oncotarget</i> , <b>2016</b> , 7, 66713-66727	3.3	46
126	A better immune reaction to Erbb-2 tumors is elicited in mice by DNA vaccines encoding rat/human chimeric proteins. <i>Cancer Research</i> , <b>2010</b> , 70, 2604-12	10.1	44
125	Cancer immunoprevention. <i>Future Oncology</i> , <b>2005</b> , 1, 57-66	3.6	42
124	Constitutive expression of lymphoma-associated NFkB-2/Lyt-10 proteins is tumorigenic in murine fibroblasts. <i>Oncogene</i> , <b>1997</b> , 14, 1805-10	9.2	41
123	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> , <b>2005</b> , 166, 1205-16	5.8	41
122	In vivo evaluation of tumour acidosis for assessing the early metabolic response and onset of resistance to dichloroacetate by using magnetic resonance pH imaging. <i>International Journal of Oncology</i> , <b>2017</b> , 51, 498-506	4.4	40
121	Novel insights into Notum and glypicans regulation in colorectal cancer. <i>Oncotarget</i> , <b>2015</b> , 6, 41237-57	3.3	37
120	ErbB2 transgenic mice: a tool for investigation of the immune prevention and treatment of mammary carcinomas. <i>Current Protocols in Immunology</i> , <b>2008</b> , Chapter 20, Unit 20.9.1-20.9-10	4	37
119	Ultrasound-activated decafluoropentane-cored and chitosan-shelled nanodroplets for oxygen delivery to hypoxic cutaneous tissues. <i>RSC Advances</i> , <b>2014</b> , 4, 38433-38441	3.7	34
118	NK cells control breast cancer and related cancer stem cell hematological spread. <i>Oncolmmunology</i> , <b>2017</b> , 6, e1284718	7.2	33
117	A vaccine targeting angiominin induces an antibody response which alters tumor vessel permeability and hampers the growth of established tumors. <i>Angiogenesis</i> , <b>2012</b> , 15, 305-16	10.6	33
116	Requirement for IFN-gamma, CD8+ T lymphocytes, and NKT cells in talactoferrin-induced inhibition of neu+ tumors. <i>Cancer Research</i> , <b>2007</b> , 67, 6425-32	10.1	33
115	Inhibition of mammary carcinoma development in HER-2/neu transgenic mice through induction of autoimmunity by xenogeneic DNA vaccination. <i>Cancer Research</i> , <b>2005</b> , 65, 1071-8	10.1	33
114	A Virus-Like-Particle immunotherapy targeting Epitope-Specific anti-xCT expressed on cancer stem cell inhibits the progression of metastatic cancer. <i>Oncolmmunology</i> , <b>2018</b> , 7, e1408746	7.2	32
113	Prolongation of survival of dogs with oral malignant melanoma treated by en bloc surgical resection and adjuvant CSPG4-antigen electrovaccination. <i>Veterinary and Comparative Oncology</i> , <b>2017</b> , 15, 996-1013	2.5	31
112	CSPG4: a prototype oncoantigen for translational immunotherapy studies. <i>Journal of Translational Medicine</i> , <b>2017</b> , 15, 151	8.5	31

111	Inflammation and breast cancer. Inflammatory component of mammary carcinogenesis in ErbB2 transgenic mice. <i>Breast Cancer Research</i> , <b>2007</b> , 9, 211	8.3	31
110	2H,3H-decafluoropentane-based nanodroplets: new perspectives for oxygen delivery to hypoxic cutaneous tissues. <i>PLoS ONE</i> , <b>2015</b> , 10, e0119769	3.7	31
109	Chondroitin sulfate proteoglycan-4: a biomarker and a potential immunotherapeutic target for canine malignant melanoma. <i>Veterinary Journal</i> , <b>2011</b> , 190, e26-e30	2.5	30
108	DNA vaccination against oncoantigens: A promise. <i>Onc Immunology</i> , <b>2012</b> , 1, 316-325	7.2	30
107	Systemic targeting of CpG-ODN to the tumor microenvironment with anti-neu-CpG hybrid molecule and T regulatory cell depletion induces memory responses in BALB-neuT tolerant mice. <i>Cancer Research</i> , <b>2008</b> , 68, 7530-40	10.1	30
106	RNAs competing for microRNAs mutually influence their fluctuations in a highly non-linear microRNA-dependent manner in single cells. <i>Genome Biology</i> , <b>2017</b> , 18, 37	18.3	28
105	Vaccines and other immunological approaches for cancer immunoprevention. <i>Current Drug Targets</i> , <b>2011</b> , 12, 1957-73	3	28
104	Immunological inhibition of carcinogenesis. <i>Cancer Immunology, Immunotherapy</i> , <b>2004</b> , 53, 204-16	7.4	28
103	DNA immunization using constant-current electroporation affords long-term protection from autochthonous mammary carcinomas in cancer-prone transgenic mice. <i>Cancer Gene Therapy</i> , <b>2008</b> , 15, 108-14	5.4	27
102	Cluster analysis of quantitative parametric maps from DCE-MRI: application in evaluating heterogeneity of tumor response to antiangiogenic treatment. <i>Magnetic Resonance Imaging</i> , <b>2015</b> , 33, 725-36	3.3	26
101	Stat3 is required for anchorage-independent growth and metastasis but not for mammary tumor development downstream of the ErbB-2 oncogene. <i>Molecular Carcinogenesis</i> , <b>2010</b> , 49, 114-20	5	26
100	Efficacy of a Cancer Vaccine against ALK-Rearranged Lung Tumors. <i>Cancer Immunology Research</i> , <b>2015</b> , 3, 1333-1343	12.5	25
99	Vaccines against human HER2 prevent mammary carcinoma in mice transgenic for human HER2. <i>Breast Cancer Research</i> , <b>2014</b> , 16, R10	8.3	25
98	Recombinant human lactoferrin induces human and mouse dendritic cell maturation via Toll-like receptors 2 and 4. <i>FASEB Journal</i> , <b>2014</b> , 28, 416-29	0.9	25
97	An integrated approach of immunogenomics and bioinformatics to identify new Tumor Associated Antigens (TAA) for mammary cancer immunological prevention. <i>BMC Bioinformatics</i> , <b>2005</b> , 6 Suppl 4, S7	3.6	25
96	Fighting breast cancer stem cells through the immune-targeting of the xCT cystine-glutamate antiporter. <i>Cancer Immunology, Immunotherapy</i> , <b>2019</b> , 68, 131-141	7.4	24
95	The importance of comparative oncology in translational medicine. <i>Cancer Immunology, Immunotherapy</i> , <b>2015</b> , 64, 137-48	7.4	24
94	A human papillomavirus 8 E7 protein produced in plants is able to trigger the mouse immune system and delay the development of skin lesions. <i>Archives of Virology</i> , <b>2011</b> , 156, 587-95	2.6	24

93	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> , <b>2010</b> , 184, 6124-32	5.3	24
92	The Promise of Preventive Cancer Vaccines. <i>Vaccines</i> , <b>2015</b> , 3, 467-89	5.3	23
91	Murine pneumotropic virus chimeric Her2/neu virus-like particles as prophylactic and therapeutic vaccines against Her2/neu expressing tumors. <i>International Journal of Cancer</i> , <b>2009</b> , 124, 150-6	7.5	23
90	DNA vaccines targeting tumor antigens to B7 molecules on antigen-presenting cells induce protective antitumor immunity and delay onset of HER-2/Neu-driven mammary carcinoma. <i>Clinical Cancer Research</i> , <b>2008</b> , 14, 6933-43	12.9	23
89	Breast cancer stem cell antigens as targets for immunotherapy. <i>Seminars in Immunology</i> , <b>2020</b> , 47, 101386	6.7	23
88	Cancer stem cell immunology and immunotherapy: Harnessing the immune system against cancer's source. <i>Progress in Molecular Biology and Translational Science</i> , <b>2019</b> , 164, 119-188	4	22
87	Transduction of genes coding for a histocompatibility (MHC) antigen and for its physiological inducer interferon-gamma in the same cell: efficient MHC expression and inhibition of tumor and metastasis growth. <i>Human Gene Therapy</i> , <b>1995</b> , 6, 743-52	4.8	22
86	Cytokine-induced tumor immunogenicity: from exogenous cytokines to gene therapy. <i>Journal of Immunotherapy</i> , <b>1993</b> , 14, 253-7	5	22
85	The Crosstalk Between Tumor Cells and the Immune Microenvironment in Breast Cancer: Implications for Immunotherapy. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 610303	5.3	22
84	Early onset and enhanced growth of autochthonous mammary carcinomas in C3-deficient Her2/neu transgenic mice. <i>Oncotarget</i> , <b>2013</b> , 2, e26137	7.2	21
83	Antibody-dependent natural killer cell-mediated cytotoxicity engendered by a kinase-inactive human HER2 adenovirus-based vaccination mediates resistance to breast tumors. <i>Cancer Research</i> , <b>2010</b> , 70, 7431-41	10.1	21
82	Naturally occurring cancers in pet dogs as pre-clinical models for cancer immunotherapy. <i>Cancer Immunology, Immunotherapy</i> , <b>2019</b> , 68, 1839-1853	7.4	20
81	Strengths and Weaknesses of Pre-Clinical Models for Human Melanoma Treatment: Dawn of Dogs Revolution for Immunotherapy. <i>International Journal of Molecular Sciences</i> , <b>2018</b> , 19,	6.3	20
80	Microenvironment, oncoantigens, and antitumor vaccination: lessons learned from BALB-neuT mice. <i>BioMed Research International</i> , <b>2014</b> , 2014, 534969	3	20
79	Virus-Like Particles as an Immunogenic Platform for Cancer Vaccines. <i>Viruses</i> , <b>2020</b> , 12,	6.2	19
78	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> , <b>2006</b> , 176, 7695-703	5.3	19
77	ErbB2 receptor over-expression improves post-traumatic peripheral nerve regeneration in adult mice. <i>PLoS ONE</i> , <b>2013</b> , 8, e56282	3.7	19
76	The non-inflammatory role of C1q during Her2/neu-driven mammary carcinogenesis. <i>Oncotarget</i> , <b>2016</b> , 5, e1253653	7.2	18

75	Protective immunity against neu-positive carcinomas elicited by electroporation of plasmids encoding decreasing fragments of rat neu extracellular domain. <i>Human Gene Therapy</i> , <b>2008</b> , 19, 229-40	4.8	18
74	Cripto-1 Plasmid DNA Vaccination Targets Metastasis and Cancer Stem Cells in Murine Mammary Carcinoma. <i>Cancer Immunology Research</i> , <b>2018</b> , 6, 1417-1425	12.5	17
73	Chimeric rat/human HER2 efficiently circumvents HER2 tolerance in cancer patients. <i>Clinical Cancer Research</i> , <b>2014</b> , 20, 2910-21	12.9	17
72	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> , <b>2014</b> , 15 Suppl 3, S1	4.5	17
71	Attenuation of PI3K/Akt-mediated tumorigenic signals through PTEN activation by DNA vaccine-induced anti-ErbB2 antibodies. <i>Journal of Immunology</i> , <b>2010</b> , 184, 4170-7	5.3	17
70	A plant-expressed conjugate vaccine breaks CD4(+) tolerance and induces potent immunity against metastatic Her2(+) breast cancer. <i>Onc Immunology</i> , <b>2016</b> , 5, e1166323	7.2	16
69	Chimeric DNA Vaccines against ErbB2+ Carcinomas: From Mice to Humans. <i>Cancers</i> , <b>2011</b> , 3, 3225-41	6.6	16
68	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> , <b>2005</b> , 23, 3280-7	4.1	16
67	Bovine herpesvirus 4-based vector delivering the full length xCT DNA efficiently protects mice from mammary cancer metastases by targeting cancer stem cells. <i>Onc Immunology</i> , <b>2018</b> , 7, e1494108	7.2	16
66	Angiomotin like-1 is a novel component of the N-cadherin complex affecting endothelial/pericyte interaction in normal and tumor angiogenesis. <i>Scientific Reports</i> , <b>2016</b> , 6, 30622	4.9	15
65	Immunological prevention of spontaneous tumors: a new prospect?. <i>Immunology Letters</i> , <b>2002</b> , 80, 75-9	4.1	15
64	Toll-Like Receptor 2 at the Crossroad between Cancer Cells, the Immune System, and the Microbiota. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	15
63	Inhibition of JAK3 with a novel, selective and orally active small molecule induces therapeutic response in T-cell malignancies. <i>Leukemia</i> , <b>2014</b> , 28, 941-4	10.7	14
62	Multiple roles of perforin in hampering ERBB-2 (Her-2/neu) carcinogenesis in transgenic male mice. <i>Journal of Immunology</i> , <b>2014</b> , 192, 5434-41	5.3	14
61	Xenogene vaccination in the therapy of cancer. <i>Expert Opinion on Biological Therapy</i> , <b>2014</b> , 14, 1427-42	5.4	14
60	Tailoring DNA Vaccines: Designing Strategies Against HER2-Positive Cancers. <i>Frontiers in Oncology</i> , <b>2013</b> , 3, 122	5.3	14
59	Tumour acidosis evaluated in vivo by MRI-CEST pH imaging reveals breast cancer metastatic potential. <i>British Journal of Cancer</i> , <b>2021</b> , 124, 207-216	8.7	14
58	Immunotargeting of the xCT Cystine/Glutamate Antiporter Potentiates the Efficacy of HER2-Targeted Immunotherapies in Breast Cancer. <i>Cancer Immunology Research</i> , <b>2020</b> , 8, 1039-1053	12.5	13

57	Axl-148b chimeric aptamers inhibit breast cancer and melanoma progression. <i>International Journal of Biological Sciences</i> , <b>2020</b> , 16, 1238-1251	11.2	13
56	Intratumoral delivery of recombinant vaccinia virus encoding for ErbB2/Neu inhibits the growth of salivary gland carcinoma cells. <i>Journal of Translational Medicine</i> , <b>2014</b> , 12, 122	8.5	13
55	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> , <b>2008</b> , 8, 230-42	2.8	13
54	Interleukin-2 gene transfer into human transitional cell carcinoma of the urinary bladder. <i>British Journal of Cancer</i> , <b>1999</b> , 79, 770-9	8.7	13
53	The scaffold protein p140Cap limits ERBB2-mediated breast cancer progression interfering with Rac GTPase-controlled circuitries. <i>Nature Communications</i> , <b>2017</b> , 8, 14797	17.4	12
52	Immune prevention of mammary carcinogenesis in HER-2/neu transgenic mice: a microarray scenario. <i>Cancer Immunology, Immunotherapy</i> , <b>2005</b> , 54, 599-610	7.4	12
51	Systemic effects of cytokines released by gene-transduced tumor cells: marked hyperplasia induced in small bowel by gamma-interferon transfectants through host lymphocytes. <i>International Journal of Cancer</i> , <b>1995</b> , 61, 425-30	7.5	12
50	Multi-level model for the investigation of oncoantigen-driven vaccination effect. <i>BMC Bioinformatics</i> , <b>2013</b> , 14 Suppl 6, S11	3.6	11
49	A mathematical-biological joint effort to investigate the tumor-initiating ability of Cancer Stem Cells. <i>PLoS ONE</i> , <b>2014</b> , 9, e106193	3.7	11
48	Imaging DNA damage allows detection of preneoplasia in the BALB-neuT model of breast cancer. <i>Journal of Nuclear Medicine</i> , <b>2014</b> , 55, 2026-31	8.9	11
47	Preclinical pharmacokinetics comparison between resveratrol 2-hydroxypropyl- $\beta$ -cyclodextrin complex and resveratrol suspension after oral administration. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2016</b> , 86, 263-271	1.7	11
46	The rat ErbB2 tyrosine kinase receptor produced in plants is immunogenic in mice and confers protective immunity against ErbB2(+) mammary cancer. <i>Plant Biotechnology Journal</i> , <b>2016</b> , 14, 153-9	11.6	10
45	Identification of CSPG4 as a promising target for translational combinatorial approaches in osteosarcoma. <i>Therapeutic Advances in Medical Oncology</i> , <b>2019</b> , 11, 1758835919855491	5.4	10
44	In Vitro, In Vivo and In Silico Investigation of the Anticancer Effectiveness of Oxygen-Loaded Chitosan-Shelled Nanodroplets as Potential Drug Vector. <i>Pharmaceutical Research</i> , <b>2018</b> , 35, 75	4.5	10
43	Chimeric DNA Vaccines: An Effective Way to Overcome Immune Tolerance. <i>Current Topics in Microbiology and Immunology</i> , <b>2017</b> , 405, 99-122	3.3	10
42	Oncoantigens as anti-tumor vaccination targets: the chance of a lucky strike?. <i>Cancer Immunology, Immunotherapy</i> , <b>2008</b> , 57, 1685-94	7.4	10
41	A hypoxic signature marks tumors formed by disseminated tumor cells in the BALB-neuT mammary cancer model. <i>Oncotarget</i> , <b>2016</b> , 7, 33081-95	3.3	10
40	Antitumor immunization of mothers delays tumor development in cancer-prone offspring. <i>Onc Immunology</i> , <b>2015</b> , 4, e1005500	7.2	9



39	Development of a VLP-Based Vaccine Displaying an xCT Extracellular Domain for the Treatment of Metastatic Breast Cancer. <i>Cancers</i> , <b>2020</b> , 12,	6.6	9
38	Optical imaging detection of microscopic mammary cancer in ErbB-2 transgenic mice through the DA364 probe binding $\alpha$ B integrins. <i>Contrast Media and Molecular Imaging</i> , <b>2013</b> , 8, 350-60	3.2	9
37	Preclinical vaccines against mammary carcinoma. <i>Expert Review of Vaccines</i> , <b>2013</b> , 12, 1449-63	5.2	9
36	Atorvastatin modulates anti-proliferative and pro-proliferative signals in Her2/neu-positive mammary cancer. <i>Biochemical Pharmacology</i> , <b>2011</b> , 82, 1079-89	6	9
35	Functional imaging of the angiogenic switch in a transgenic mouse model of human breast cancer by dynamic contrast enhanced magnetic resonance imaging. <i>International Journal of Cancer</i> , <b>2016</b> , 139, 404-13	7.5	7
34	Bovine herpesvirus 4-based vector delivering a hybrid rat/human HER-2 oncoantigen efficiently protects mice from autochthonous Her-2 mammary cancer. <i>Onc Immunology</i> , <b>2016</b> , 5, e1082705	7.2	6
33	DNA vaccination against membrane-bound Kit ligand: a new approach to inhibiting tumour growth and angiogenesis. <i>European Journal of Cancer</i> , <b>2014</b> , 50, 234-46	7.5	6
32	Toward a Long-Lasting Immune Prevention of HER2 Mammary Carcinomas: Directions from Transgenic Mice. <i>Cell Cycle</i> , <b>2004</b> , 3, 702-704	4.7	6
31	Tumor-Associated Antigen xCT and Mutant-p53 as Molecular Targets for New Combinatorial Antitumor Strategies. <i>Cells</i> , <b>2021</b> , 10,	7.9	6
30	Simlukafusp alfa (FAP-IL2v) immunocytokine is a versatile combination partner for cancer immunotherapy. <i>MABs</i> , <b>2021</b> , 13, 1913791	6.6	6
29	A DNA vaccine against ERBB2 impairs chemical carcinogenesis in random-bred hamsters. <i>Cancer Prevention Research</i> , <b>2011</b> , 4, 994-1001	3.2	5
28	Immunotherapy and immunoprevention of cancer: where do we stand?. <i>Expert Opinion on Biological Therapy</i> , <b>2005</b> , 5, 717-26	5.4	5
27	Anti-HER-2 DNA vaccine protects Syrian hamsters against squamous cell carcinomas. <i>British Journal of Cancer</i> , <b>2005</b> , 93, 1250-6	8.7	5
26	Difference in outcome between curative intent vs marginal excision as a first treatment in dogs with oral malignant melanoma and the impact of adjuvant CSPG4-DNA electrovaccination: A retrospective study on 155 cases. <i>Veterinary and Comparative Oncology</i> , <b>2021</b> , 19, 651-660	2.5	5
25	Maternal Immunization: New Perspectives on Its Application Against Non-Infectious Related Diseases in Newborns. <i>Vaccines</i> , <b>2017</b> , 5,	5.3	4
24	IL-15 augments antitumoral activity of an ErbB2/HER2 cancer vaccine targeted to professional antigen-presenting cells. <i>Cancer Immunology, Immunotherapy</i> , <b>2012</b> , 61, 1473-84	7.4	4
23	Genotypic, phenotypic and biological characterization of a novel human lung adenocarcinoma cell line (LC 89). <i>Oncology</i> , <b>1994</b> , 51, 220-3	3.6	4
22	Oncoantigens for an immune prevention of cancer. <i>American Journal of Cancer Research</i> , <b>2011</b> , 1, 255-264	4.4	4

21	Cancer stem cell antigens as targets for new combined anti-cancer therapies. <i>International Journal of Biochemistry and Cell Biology</i> , <b>2020</b> , 129, 105861	5.6	4
20	Towards a long-lasting immune prevention of HER2 mammary carcinomas: directions from transgenic mice. <i>Cell Cycle</i> , <b>2004</b> , 3, 704-6	4.7	4
19	Strategies for cytokine utilisation in tumor therapy. <i>Medical Oncology and Tumor Pharmacotherapy</i> , <b>1993</b> , 10, 53-9		3
18	Evaluation of prognostic impact of pre-treatment neutrophil to lymphocyte and lymphocyte to monocyte ratios in dogs with oral malignant melanoma treated with surgery and adjuvant CSPG4-antigen electrovaccination: an explorative study. <i>Veterinary and Comparative Oncology</i> , <b>2021</b> , 19, 353-361	2.5	3
17	Abstract 2579: Combination with the novel tumor-targeted CEA-IL2v immunocytokine enhances the activity of ADCC-competent and glycoengineered antibodies in vitro and in vivo <b>2014</b> ,		2
16	Targeting the Extracellular HSP90 Co-Chaperone Morgana Inhibits Cancer Cell Migration and Promotes Anticancer Immunity. <i>Cancer Research</i> , <b>2021</b> , 81, 4794-4807	10.1	2
15	Protection of mice against the highly pathogenic VV by DNA and fowlpox recombinant vaccines, administered by electroporation and intranasal routes, correlates with serum neutralizing activity. <i>Antiviral Research</i> , <b>2016</b> , 134, 182-191	10.8	2
14	Identification of TENM4 as a Novel Cancer Stem Cell-Associated Molecule and Potential Target in Triple Negative Breast Cancer. <i>Cancers</i> , <b>2021</b> , 13,	6.6	2
13	Digging in the RNA-seq Garbage: Evaluating the Characteristics of Unmapped RNA-seq Reads in Normal Tissues <b>2012</b> ,		1
12	Cytokines and Tumor Immunogenicity <b>1998</b> , 231-247		1
11	Liver-Specific siRNA-Mediated Stat3 or C3 Knockdown Improves the Outcome of Experimental Autoimmune Myocarditis. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2020</b> , 18, 62-72	6.4	1
10	Immunization against ROS1 by DNA Electroporation Impairs K-Ras-Driven Lung Adenocarcinomas . <i>Vaccines</i> , <b>2020</b> , 8,	5.3	1
9	The Amot/integrin protein complex transmits mechanical forces required for vascular expansion. <i>Cell Reports</i> , <b>2021</b> , 36, 109616	10.6	1
8	Antigen mimicry as an effective strategy to induce CSPG4-targeted immunity in dogs with oral melanoma: a veterinary trial. <b>2022</b> , 10,		1
7	Canine Melanoma Immunology and Immunotherapy: Relevance of Translational Research.. <i>Frontiers in Veterinary Science</i> , <b>2022</b> , 9, 803093	3.1	0
6	Membrane-bound KIT ligand-targeting DNA vaccination inhibits mammary tumor growth. <i>Oncolmmunology</i> , <b>2014</b> , 3, e27259	7.2	
5	From exogenous cytokines to gene therapy: cytokine activated tumor inhibition. <i>Pharmacological Research</i> , <b>1992</b> , 26 Suppl 2, 48-9	10.2	
4	Canine Melanoma and Osteosarcoma Immunotherapy by Means of In Vivo DNA Electroporation <b>2021</b> , 277-304		

3 Tumor Immunogenicity Induced by the Local Occurrence of Il-2 **1993**, 31-37

2 A pipeline to detect antibody-targetable cancer stem cell proteins.. *Journal of Clinical Oncology*, **2012**, 30, e13527-e13527 2.2

1 Are Cancer Stem Cells a Suitable Target for Breast Cancer Immunotherapy?. *Frontiers in Oncology*, **2022**, 12, 877384 5.3