

Frederique Vegran

List of Publications by Year in descending order

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Version: 2024-02-01

62
papers

5,853
citations

172443

29
h-index

138468

58
g-index

67
all docs

67
docs citations

67
times ranked

10300
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeting lactate-fueled respiration selectively kills hypoxic tumor cells in mice. <i>Journal of Clinical Investigation</i> , 2008, 118, 3930-42.	8.2	1,225
2	Lactate Influx through the Endothelial Cell Monocarboxylate Transporter MCT1 Supports an NF- κ B/IL-8 Pathway that Drives Tumor Angiogenesis. <i>Cancer Research</i> , 2011, 71, 2550-2560.	0.9	637
3	Chemotherapy-triggered cathepsin B release in myeloid-derived suppressor cells activates the Nlrp3 inflammasome and promotes tumor growth. <i>Nature Medicine</i> , 2013, 19, 57-64.	30.7	634
4	Targeting the Lactate Transporter MCT1 in Endothelial Cells Inhibits Lactate-Induced HIF-1 Activation and Tumor Angiogenesis. <i>PLoS ONE</i> , 2012, 7, e33418.	2.5	412
5	The receptor NLRP3 is a transcriptional regulator of TH2 differentiation. <i>Nature Immunology</i> , 2015, 16, 859-870.	14.5	312
6	Stat3 and Gfi-1 Transcription Factors Control Th17 Cell Immunosuppressive Activity via the Regulation of Ectonucleotidase Expression. <i>Immunity</i> , 2012, 36, 362-373.	14.3	275
7	Accumulation of MDSC and Th17 Cells in Patients with Metastatic Colorectal Cancer Predicts the Efficacy of a FOLFOX+Bevacizumab Drug Treatment Regimen. <i>Cancer Research</i> , 2016, 76, 5241-5252.	0.9	203
8	The transcription factor IRF1 dictates the IL-21-dependent anticancer functions of TH9 cells. <i>Nature Immunology</i> , 2014, 15, 758-766.	14.5	187
9	Regulation of Monocarboxylate Transporter MCT1 Expression by p53 Mediates Inward and Outward Lactate Fluxes in Tumors. <i>Cancer Research</i> , 2012, 72, 939-948.	0.9	172
10	PD-1/PD-L1 pathway: an adaptive immune resistance mechanism to immunogenic chemotherapy in colorectal cancer. <i>Oncolmmunology</i> , 2018, 7, e1433981.	4.6	167
11	STAT3 activation. <i>Jak-stat</i> , 2013, 2, e23010.	2.2	159
12	Liver X receptor $\hat{1}^2$ activation induces pyroptosis of human and murine colon cancer cells. <i>Cell Death and Differentiation</i> , 2014, 21, 1914-1924.	11.2	127
13	Bleomycin Exerts Ambivalent Antitumor Immune Effect by Triggering Both Immunogenic Cell Death and Proliferation of Regulatory T Cells. <i>PLoS ONE</i> , 2013, 8, e65181.	2.5	103
14	Dacarbazine-Mediated Upregulation of NKG2D Ligands on Tumor Cells Activates NK and CD8 T Cells and Restrains Melanoma Growth. <i>Journal of Investigative Dermatology</i> , 2013, 133, 499-508.	0.7	75
15	Overexpression of Caspase-3s Splice Variant in Locally Advanced Breast Carcinoma Is Associated with Poor Response to Neoadjuvant Chemotherapy. <i>Clinical Cancer Research</i> , 2006, 12, 5794-5800.	7.0	67
16	Restoration of Antitumor Immunity Through Selective Inhibition of Myeloid Derived Suppressor Cells by Anticancer Therapies. <i>Current Molecular Medicine</i> , 2011, 11, 365-372.	1.3	64
17	TH9 cells in anti-tumor immunity. <i>Seminars in Immunopathology</i> , 2017, 39, 39-46.	6.1	63
18	Association of p53 gene alterations with the expression of antiapoptotic survivin splice variants in breast cancer. <i>Oncogene</i> , 2007, 26, 290-297.	5.9	60

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19	Transcriptional regulation of the survivin gene. <i>Molecular Biology Reports</i> , 2014, 41, 233-240.	2.3	59
20	Th9 Cells: A Novel CD4 T-cell Subset in the Immune War against Cancer. <i>Cancer Research</i> , 2015, 75, 475-479.	0.9	56
21	Cleaved Caspase-3 Transcriptionally Regulates Angiogenesis-Promoting Chemotherapy Resistance. <i>Cancer Research</i> , 2019, 79, 5958-5970.	0.9	55
22	SOCS3 Transactivation by PPAR β Prevents IL-17-Driven Cancer Growth. <i>Cancer Research</i> , 2013, 73, 3578-3590.	0.9	51
23	Recruitment and activation of type 3 innate lymphoid cells promote antitumor immune responses. <i>Nature Immunology</i> , 2022, 23, 262-274.	14.5	47
24	IRF8-dependent molecular complexes control the Th9 transcriptional program. <i>Nature Communications</i> , 2017, 8, 2085.	12.8	43
25	The transcription factor GATA-1 is overexpressed in breast carcinomas and contributes to survivin upregulation via a promoter polymorphism. <i>Oncogene</i> , 2010, 29, 2577-2584.	5.9	42
26	The expression of BIRC5 is correlated with loss of specific chromosomal regions in breast carcinomas. <i>Genes Chromosomes and Cancer</i> , 2008, 47, 299-308.	2.8	40
27	Human ectonucleotidase-expressing CD25 ^{high} Th17 cells accumulate in breast cancer tumors and exert immunosuppressive functions. <i>OncoImmunology</i> , 2016, 5, e1055444.	4.6	39
28	The transfer of multigene panel testing for hereditary breast and ovarian cancer to healthcare: What are the implications for the management of patients and families?. <i>Oncotarget</i> , 2017, 8, 1957-1971.	1.8	38
29	Only Missense Mutations Affecting the DNA Binding Domain of P53 Influence Outcomes in Patients with Breast Carcinoma. <i>PLoS ONE</i> , 2013, 8, e55103.	2.5	36
30	A Short Caspase-3 Isoform Inhibits Chemotherapy-Induced Apoptosis by Blocking Apoptosome Assembly. <i>PLoS ONE</i> , 2011, 6, e29058.	2.5	33
31	Role of Cytokines and Chemokines in Angiogenesis in a Tumor Context. <i>Cancers</i> , 2022, 14, 2446.	3.7	32
32	Gene expression profile and response to trastuzumab+docetaxel-based treatment in breast carcinoma. <i>British Journal of Cancer</i> , 2009, 101, 1357-1364.	6.4	27
33	Apoptosis gene signature of Survivin and its splice variant expression in breast carcinoma. <i>Endocrine-Related Cancer</i> , 2011, 18, 783-792.	3.1	26
34	Survivin-3B Potentiates Immune Escape in Cancer but Also Inhibits the Toxicity of Cancer Chemotherapy. <i>Cancer Research</i> , 2013, 73, 5391-5401.	0.9	23
35	Predictive value of survivin alternative transcript expression in locally advanced breast cancer patients treated with neoadjuvant chemotherapy. <i>International Journal of Molecular Medicine</i> , 2009, 23, 285-91.	4.0	22
36	CD4 T cell-intrinsic STING signaling controls the differentiation and effector functions of T _H 1 and T _H 9 cells. , 2022, 10, e003459.		21

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37	Modulation of CD4 T Cell Response According to Tumor Cytokine Microenvironment. <i>Cancers</i> , 2021, 13, 373.	3.7	18
38	Distinct expression of Survivin splice variants in breast carcinomas. <i>International Journal of Oncology</i> , 2005, 27, 1151-7.	3.3	18
39	Impact of Lipid Metabolism on Antitumor Immune Response. <i>Cancers</i> , 2022, 14, 1850.	3.7	18
40	Efficiency of olaparib in colorectal cancer patients with an alteration of the homologous repair protein. <i>World Journal of Gastroenterology</i> , 2016, 22, 10680.	3.3	15
41	Alternative Splicing in Cancer and Immune Cells. <i>Cancers</i> , 2022, 14, 1726.	3.7	15
42	Regulation of T cell antitumor immune response by tumor induced metabolic stress. <i>Cell Stress</i> , 2019, 3, 9-18.	3.2	14
43	Distinct expression of Survivin splice variants in breast carcinomas. <i>International Journal of Oncology</i> , 2005, 27, 1151.	3.3	13
44	Predictive value of survivin alternative transcript expression in locally advanced breast cancer patients treated with neoadjuvant chemotherapy. <i>International Journal of Molecular Medicine</i> , 1998, 23, 285.	4.0	12
45	Transcriptional Programs Underlying Cd4 T Cell Differentiation and Functions. <i>International Review of Cell and Molecular Biology</i> , 2018, 341, 1-61.	3.2	12
46	Survivin-3B promotes chemoresistance and immune escape by inhibiting caspase-8 and -6 in cancer cells. <i>Oncolmmunology</i> , 2013, 2, e26328.	4.6	10
47	Transcriptome analysis of TH2 CD4+ T cells differentiated from wild-type and NLRP3KO mice. <i>Genomics Data</i> , 2015, 5, 314-315.	1.3	10
48	Socs3 induction by PPAR γ 3 restrains cancer-promoting inflammation. <i>Cell Cycle</i> , 2013, 12, 2157-2158.	2.6	8
49	The Tumor Microenvironment Impairs Th1 IFN γ 3 Secretion through Alternative Splicing Modifications of <i>lrf1</i> Pre-mRNA. <i>Cancer Immunology Research</i> , 2021, 9, 324-336.	3.4	8
50	Variations in Gene Expression and Response to Neoadjuvant Chemotherapy in Breast Carcinoma. <i>Cancer Investigation</i> , 2009, 27, 521-528.	1.3	6
51	Lactate-Induced IL-8 Pathway in Endothelial Cells' Response: Figure 1.. <i>Cancer Research</i> , 2012, 72, 1903-1904.	0.9	6
52	Transcriptional expression of 8 genes predicts pathological response to first-line docetaxel+trastuzumab-based neoadjuvant chemotherapy. <i>BMC Cancer</i> , 2015, 15, 169.	2.6	5
53	Patterns of loss of heterozygosity in breast carcinoma during neoadjuvant chemotherapy. <i>International Journal of Oncology</i> , 0, , .	3.3	5
54	<i>NLRP6</i> negatively regulates type 2 immune responses in mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2022, 77, 3320-3336.	5.7	4

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55	Protein Kinase Inhibitor-Mediated Immunoprophylactic and Immunotherapeutic Control of Colon Cancer. <i>Frontiers in Immunology</i> , 2022, 13, 875764.	4.8	2
56	Hematopoietic Prostaglandin D2 Synthase Controls Tfh/Th2 Communication and Limits Tfh Antitumor Effects. <i>Cancer Immunology Research</i> , 2022, 10, 900-916.	3.4	2
57	Proximity Ligation Assay (PLA) Protocol Using Duolink® for T Cells. <i>Bio-protocol</i> , 2016, 6, .	0.4	1
58	The transfer of multigene panel testing for hereditary breast and ovarian cancer to healthcare: What are the implications for the management of patients and families?. <i>Journal of Clinical Oncology</i> , 2016, 34, e13116-e13116.	1.6	1
59	Transcription Factor Binding Studies in CD4+ T Cells: siRNA Transfection, Chromatin Immunoprecipitation, and Liquid Luminescent DNA Precipitation Assay. <i>Methods in Molecular Biology</i> , 2017, 1585, 167-177.	0.9	0
60	O28 Importance of pro-inflammatory immune lymphocyte Th17 in antitumoral properties of resveratrol, a polyphenol of wine. <i>Biochemical Pharmacology</i> , 2017, 139, 118-119.	4.4	0
61	Role of IL-17 and IL-17 Family Cytokines on Tumor Development. , 2013, , 219-230.		0
62	Liquid Luminescent DNA-precipitation Assay. <i>Bio-protocol</i> , 2016, 6, .	0.4	0