

Tony Avril

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

3,022
citations

186209

28
h-index

182361

51
g-index

59
all docs

59
docs citations

59
times ranked

5157
citing authors

#	ARTICLE	IF	CITATIONS
1	Endoplasmic Reticulum Stress and the Hallmarks of Cancer. Trends in Cancer, 2016, 2, 252-262.	3.8	406
2	Ganglioside GD3 expression on target cells can modulate NK cell cytotoxicity via siglec-7-dependent and -independent mechanisms. European Journal of Immunology, 2003, 33, 1642-1648.	1.6	228
3	Endoplasmic reticulum stress signaling and chemotherapy resistance in solid cancers. Oncogenesis, 2017, 6, e373-e373.	2.1	186
4	The Membrane-Proximal Immunoreceptor Tyrosine-Based Inhibitory Motif Is Critical for the Inhibitory Signaling Mediated by Siglecs-7 and -9, CD33-Related Siglecs Expressed on Human Monocytes and NK Cells. Journal of Immunology, 2004, 173, 6841-6849.	0.4	164
5	Dual IRE1 and RNase functions dictate glioblastoma development. EMBO Molecular Medicine, 2018, 10, .	3.3	130
6	Expression of nine tumour antigens in a series of human glioblastoma multiforme: interest of EGFRvIII, IL-13R α 2, gp100 and TRP-2 for immunotherapy. Journal of Neuro-Oncology, 2006, 81, 139-148.	1.4	120
7	Sialic Acid-Binding Immunoglobulin-Like Lectin 7 Mediates Selective Recognition of Sialylated Glycans Expressed on Campylobacter jejuni Lipooligosaccharides. Infection and Immunity, 2006, 74, 4133-4141.	1.0	116
8	Endoplasmic reticulum proteostasis in glioblastoma—From molecular mechanisms to therapeutic perspectives. Science Signaling, 2017, 10, .	1.6	107
9	Low-Protein Diet Induces IRE1 α -Dependent Anticancer Immunosurveillance. Cell Metabolism, 2018, 27, 828-842.e7.	7.2	99
10	Siglec-5 (CD170) Can Mediate Inhibitory Signaling in the Absence of Immunoreceptor Tyrosine-based Inhibitory Motif Phosphorylation. Journal of Biological Chemistry, 2005, 280, 19843-19851.	1.6	92
11	Human Glioblastoma Stem-Like Cells are More Sensitive to Allogeneic NK and T Cell-Mediated Killing Compared with Serum-Cultured Glioblastoma Cells. Brain Pathology, 2012, 22, 159-174.	2.1	85
12	Distinct effects of human glioblastoma immunoregulatory molecules programmed cell death ligand-1 (PDL-1) and indoleamine 2,3-dioxygenase (IDO) on tumour-specific T cell functions. Journal of Neuroimmunology, 2010, 225, 22-33.	1.1	76
13	Overview of Cellular Immunotherapy for Patients with Glioblastoma. Clinical and Developmental Immunology, 2010, 2010, 1-18.	3.3	76
14	CD90/Thy-1, a Cancer-Associated Cell Surface Signaling Molecule. Frontiers in Cell and Developmental Biology, 2019, 7, 66.	1.8	74
15	Probing the cis interactions of the inhibitory receptor Siglec-7 with α 2,8-disialylated ligands on natural killer cells and other leukocytes using glycan-specific antibodies and by analysis of α 2,8-sialyltransferase gene expression. Journal of Leukocyte Biology, 2006, 80, 787-796.	1.5	72
16	Glioblastoma-associated stromal cells (GASCs) from histologically normal surgical margins have a myofibroblast phenotype and angiogenic properties. Journal of Pathology, 2014, 233, 74-88.	2.1	67
17	Isolation of a new cell population in the glioblastoma microenvironment. Journal of Neuro-Oncology, 2012, 106, 493-504.	1.4	61
18	Emerging Roles of the Endoplasmic Reticulum Associated Unfolded Protein Response in Cancer Cell Migration and Invasion. Cancers, 2019, 11, 631.	1.7	60

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19	Secretion of protein disulphide isomerase AGR2 confers tumorigenic properties. <i>ELife</i> , 2016, 5, .	2.8	60
20	Control of the Unfolded Protein Response in Health and Disease. <i>SLAS Discovery</i> , 2017, 22, 787-800.	1.4	53
21	Control of anterior <sc>GR</sc> adient 2 (<sc>AGR</sc> 2) dimerization links endoplasmic reticulum proteostasis to inflammation. <i>EMBO Molecular Medicine</i> , 2019, 11, .	3.3	48
22	CD90 Expression Controls Migration and Predicts Dasatinib Response in Glioblastoma. <i>Clinical Cancer Research</i> , 2017, 23, 7360-7374.	3.2	45
23	Cyclopamine cooperates with EGFR inhibition to deplete stem-like cancer cells in glioblastoma-derived spheroid cultures. <i>Neuro-Oncology</i> , 2012, 14, 1441-1451.	0.6	43
24	Negative regulation of leucocyte functions by CD33-related siglecs. <i>Biochemical Society Transactions</i> , 2006, 34, 1024-1027.	1.6	41
25	Differential analysis of glioblastoma multiforme proteome by a 2D-DIGE approach. <i>Proteome Science</i> , 2011, 9, 16.	0.7	41
26	Mechanisms of immunomodulation in human glioblastoma. <i>Immunotherapy</i> , 2011, 3, 42-44.	1.0	41
27	Immune genes are associated with human glioblastoma pathology and patient survival. <i>BMC Medical Genomics</i> , 2012, 5, 41.	0.7	40
28	Regulation of tumorâ€ˆstroma interactions by the unfolded protein response. <i>FEBS Journal</i> , 2019, 286, 279-296.	2.2	33
29	Local intracerebral inhibition of IRE1 by MKC8866 sensitizes glioblastoma to irradiation/chemotherapy in vivo. <i>Cancer Letters</i> , 2020, 494, 73-83.	3.2	32
30	Absolute numbers of regulatory T cells and neutrophils in corticosteroid-free patients are predictive for response to bevacizumab in recurrent glioblastoma patients. <i>Cancer Immunology, Immunotherapy</i> , 2019, 68, 871-882.	2.0	29
31	Proteomic analysis of glioblastomas: What is the best brain control sample?. <i>Journal of Proteomics</i> , 2013, 85, 165-173.	1.2	26
32	Alterations of <sc>EDEM</sc>1 functions enhance <sc>ATF</sc>6 proâ€ˆsurvival signaling. <i>FEBS Journal</i> , 2018, 285, 4146-4164.	2.2	26
33	Death sentence: The tale of a fallen endoplasmic reticulum. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119001.	1.9	26
34	Transcription of the NKG2D ligand MICA is suppressed by the IRE1/XBP1 pathway of the unfolded protein response through the regulation of E2F1. <i>FASEB Journal</i> , 2019, 33, 3481-3495.	0.2	23
35	Identification of two glioblastoma-associated stromal cell subtypes with different carcinogenic properties in histologically normal surgical margins. <i>Journal of Neuro-Oncology</i> , 2015, 122, 1-10.	1.4	21
36	The unfolded protein response as regulator of cancer stemness and differentiation: Mechanisms and implications for cancer therapy. <i>Biochemical Pharmacology</i> , 2021, 192, 114737.	2.0	21

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37	Not All Polyriboinosinic-polyribocytidylic Acids (Poly I:C) are Equivalent for Inducing Maturation of Dendritic Cells. <i>Journal of Immunotherapy</i> , 2009, 32, 353-362.	1.2	19
38	The integrated stress response promotes B7H6 expression. <i>Journal of Molecular Medicine</i> , 2020, 98, 135-148.	1.7	18
39	Signaling the Unfolded Protein Response in primary brain cancers. <i>Brain Research</i> , 2016, 1642, 59-69.	1.1	17
40	The expression of EMX2 lead to cell cycle arrest in glioblastoma cell line. <i>BMC Cancer</i> , 2018, 18, 1213.	1.1	13
41	SARS-CoV-2 integral membrane proteins shape the serological responses of patients with COVID-19. <i>IScience</i> , 2021, 24, 103185.	1.9	13
42	Extracellular AGR3 regulates breast cancer cells migration via Src signaling. <i>Oncology Letters</i> , 2019, 18, 4449-4456.	0.8	13
43	Human Choriocarcinoma Cell Resistance to Natural Killer Lysis Due to Defective Triggering of Natural Killer Cells1. <i>Biology of Reproduction</i> , 2003, 69, 627-633.	1.2	12
44	IRE1-mediated miRNA maturation in macrophage phosphoinositide signaling. <i>EMBO Reports</i> , 2020, 21, e51929.	2.0	10
45	Safety, Pharmacokinetic, and Pharmacodynamic Evaluations of PI-2301, a Potent Immunomodulator, in a First-in-Human, Single-Ascending-Dose Study in Healthy Volunteers. <i>Journal of Clinical Pharmacology</i> , 2011, 51, 649-660.	1.0	8
46	Choriocarcinoma cell line resistance to NK lysis mainly involves an HLA-independent mechanism. <i>Transplantation Proceedings</i> , 1999, 31, 1866-1867.	0.3	6
47	Dual IRE1 RNase functions dictate glioblastoma development. <i>EMBO Molecular Medicine</i> , 2022, 14, e15622.	3.3	5
48	Stress signaling in pain control. <i>Science</i> , 2019, 365, 224-225.	6.0	4
49	Proteomic analysis underlines the usefulness of both primary adherent and stem-like cell lines for studying proteins involved in human glioblastoma. <i>Journal of Proteomics</i> , 2014, 110, 7-19.	1.2	3
50	Proteostasis trumps YAP in colon cancer. <i>Science Signaling</i> , 2015, 8, fs18.	1.6	3
51	P11.61 Development of a novel preclinical GBM model and therapeutic impact of IRE1 inhibition. <i>Neuro-Oncology</i> , 2019, 21, iii57-iii58.	0.6	1
52	Does the cellular glycome influence the binding properties and signalling functions of siglecs in the immune system?. <i>International Journal of Experimental Pathology</i> , 2004, 85, A50-A50.	0.6	0
53	Reprint of: Signaling the Unfolded Protein Response in primary brain cancers. <i>Brain Research</i> , 2016, 1648, 542-552.	1.1	0
54	A cell-based system combined with flow cytometry to evaluate antibody responses against SARS-CoV-2 transmembrane proteins in patients with COVID-19. <i>STAR Protocols</i> , 2022, 3, 101229.	0.5	0