FrÃ©dÃ©ric Hollande

List of Publications by Year
in descending order

80 papers	4,087 citations	117625 34 h-index	123424 61 g-index
85 all docs	85 docs citations	85 times ranked	7102 citing authors

#	Article	IF	Citations
1	Longitudinal Monitoring of Intra-Tumoural Heterogeneity Using Optical Barcoding of Patient-Derived Colorectal Tumour Models. Cancers, 2022, 14, 581.	3.7	4
2	Niclosamide induces miR-148a to inhibit PXR and sensitize colon cancer stem cells to chemotherapy. Stem Cell Reports, 2022, 17, 835-848.	4.8	9
3	Computational Screening of Anti-Cancer Drugs Identifies a New BRCA Independent Gene Expression Signature to Predict Breast Cancer Sensitivity to Cisplatin. Cancers, 2022, 14, 2404.	3.7	2
4	Volatile anaesthesia and periâ€operative outcomes related to cancer: a feasibility and pilot study for a large randomised control trial. Anaesthesia, 2021, 76, 1198-1206.	3.8	16
5	Towards Routine Implementation of Liquid Biopsies in Cancer Management: It Is Always Too Early, until Suddenly It Is Too Late. Diagnostics, 2021, 11, 103.	2.6	33
6	Survival benefit of neoadjuvant chemotherapy and surgery versus surgery first for resectable colorectal liver metastases: a cohort study. ANZ Journal of Surgery, 2021, 91, 1196-1202.	0.7	5
7	Association between imaging response and survival following neoadjuvant chemotherapy in patients with resectable colorectal liver metastases: A cohort study. Journal of Surgical Oncology, 2021, 123, 1263-1273.	1.7	4
8	Progastrin production transitions from Bmi1+/Prox1+ to Lgr5high cells during early intestinal tumorigenesis. Translational Oncology, 2021, 14, 101001.	3.7	1
9	CSK-homologous kinase (CHK/MATK) is a potential colorectal cancer tumour suppressor gene epigenetically silenced by promoter methylation. Oncogene, 2021, 40, 3015-3029.	5.9	13
10	The site of breast cancer metastases dictates their clonal composition and reversible transcriptomic profile. Science Advances, 2021, 7, .	10.3	23
11	Dependence receptors: new targets for cancer therapy. EMBO Molecular Medicine, 2021, 13, e14495.	6.9	17
12	A thiolâ€bound drug reservoir enhances APRâ€246â€induced mutant p53 tumor cell death. EMBO Molecular Medicine, 2021, 13, e10852.	6.9	28
13	The Diverse Applications of Pancreatic Ductal Adenocarcinoma Organoids. Cancers, 2021, 13, 4979.	3.7	9
14	CD44v6 Defines a New Population of Circulating Tumor Cells Not Expressing EpCAM. Cancers, 2021, 13, 4966.	3.7	6
15	Comprehensive characterization of claudin-low breast tumors reflects the impact of the cell-of-origin on cancer evolution. Nature Communications, 2020, 11, 3431.	12.8	57
16	Laminin 521 enhances self-renewal via STAT3 activation and promotes tumor progression in colorectal cancer. Cancer Letters, 2020, 476, 161-169.	7.2	20
17	Impact of Tumor and Immunological Heterogeneity on the Anti-Cancer Immune Response. Cancers, 2019, 11, 1217.	3.7	36
18	A Gene Signature Predicting Natural Killer Cell Infiltration and Improved Survival in Melanoma Patients. Cancer Immunology Research, 2019, 7, 1162-1174.	3.4	201

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19	Repurposing the selective estrogen receptor modulator bazedoxifene to suppress gastrointestinal cancer growth. EMBO Molecular Medicine, 2019, 11, .	6.9	32
20	Breast tumour organoids: promising models for the genomic and functional characterisation of breast cancer. Biochemical Society Transactions, 2019, 47, 109-117.	3.4	29
21	Tight Junction Protein Claudin-2 Promotes Self-Renewal of Human Colorectal Cancer Stem-like Cells. Cancer Research, 2018, 78, 2925-2938.	0.9	50
22	Surgical stress response and promotion of metastasis in colorectal cancer: a complex and heterogeneous process. Clinical and Experimental Metastasis, 2018, 35, 333-345.	3.3	57
23	Ponatinib Inhibits Multiple Signaling Pathways Involved in STAT3 Signaling and Attenuates Colorectal Tumor Growth. Cancers, 2018, 10, 526.	3.7	15
24	A Spatio-Temporal Model and Inference Tools for Longitudinal Count Data on Multicolor Cell Growth. International Journal of Biostatistics, 2018, 14, .	0.7	1
25	Circulating tumour cells from patients with colorectal cancer have cancer stem cell hallmarks inex vivoculture. Gut, 2017, 66, 1802-1810.	12.1	163
26	A stemness-related ZEB1â€“MSRB3 axis governs cellular pliancy and breast cancer genome stability. Nature Medicine, 2017, 23, 568-578.	30.7	131
27	The JAK/STAT3 axis: A comprehensive drug target for solid malignancies. Seminars in Cancer Biology, 2017, 45, 13-22.	9.6	147
28	Treatment of peritoneal carcinomatosis with hyperthermic intraperitoneal chemotherapy in colorectal cancer. ANZ Journal of Surgery, 2017, 87, 665-670.	0.7	8
29	Laminins and cancer stem cells: Partners in crime?. Seminars in Cancer Biology, 2017, 45, 3-12.	9.6	52
30	Expression of CD133 and CD44 in glioblastoma stem cells correlates with cell proliferation, phenotype stability and intra-tumor heterogeneity. PLoS ONE, 2017, 12, e0172791.	2.5	109
31	Semisupervised Clustering by Iterative Partition and Regression with Neuroscience Applications. Computational Intelligence and Neuroscience, 2016, 2016, 1-13.	1.7	7
32	Autocrine Secretion of Progastrin Promotes the Survival and Self-Renewal of Colon Cancer Stemâ€“like Cells. Cancer Research, 2016, 76, 3618-3628.	0.9	41
33	The A 2b adenosine receptor antagonist PSB-603 promotes oxidative phosphorylation and ROS production in colorectal cancer cells via adenosine receptor-independent mechanism. Cancer Letters, 2016, 383, 135-143.	7.2	23
34	Curriculum design for research-led teaching: Molecule to Malady. Microbiology Australia, 2016, 37, 65.	0.4	0
35	TRM6/61 connects PKCÎ± with translational control through tRNAiMet stabilization: impact on tumorigenesis. Oncogene, 2016, 35, 1785-1796.	5.9	53
36	Pregnane X-receptor promotes stem cell-mediated colon cancer relapse. Oncotarget, 2016, 7, 56558-56573.	1.8	34

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37	High expression of TROP2 characterizes different cell subpopulations in androgen-sensitive and androgen-independent prostate cancer cells. Oncotarget, 2016, 7, 44492-44504.	1.8	16
38	The p53 Isoform Î”133p53Î² Promotes Cancer Stem Cell Potential. Stem Cell Reports, 2015, 4, 531-540.	4.8	55
39	Glycoprotein A33 deficiency: a new model of impaired intestinal epithelial barrier function and inflammatory disease. DMM Disease Models and Mechanisms, 2015, 8, 805-15.	2.4	28
40	Neural Regulation of Pancreatic Cancer: A Novel Target for Intervention. Cancers, 2015, 7, 1292-1312.	3.7	18
41	Selective CREB-dependent cyclin expression mediated by the PI3K and MAPK pathways supports glioma cell proliferation. Oncogenesis, 2014, 3, e108-e108.	4.9	82
42	Characterization of a novel PXR isoform with potential dominant-negative properties. Journal of Hepatology, 2014, 61, 609-616.	3.7	15
43	SLAP displays tumour suppressor functions in colorectal cancer via destabilization of the SRC substrate EPHA2. Nature Communications, 2014, 5, 3159.	12.8	32
44	Chronic stress accelerates pancreatic cancer growth and invasion: A critical role for beta-adrenergic signaling in the pancreatic microenvironment. Brain, Behavior, and Immunity, 2014, 40, 40-47.	4.1	192
45	RIP140 increases APC expression and controls intestinal homeostasis and tumorigenesis. Journal of Clinical Investigation, 2014, 124, 1899-1913.	8.2	45
46	Intestinal Stem Cells: From Homeostasis to Cancer. , 2013, , 219-226.		2
47	Essential requirement for Î²-arrestin2 in mouse intestinal tumors with elevated Wnt signaling. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3047-3052.	7.1	46
48	Troubleshooting immunohistochemical labelling of proliferating cell nuclear antigen (PCNA) in cryocut tissue sections of mouse prostate. Journal of Pharmacological and Toxicological Methods, 2010, 61, 98-101.	0.7	3
49	Src family tyrosine kinases-driven colon cancer cell invasion is induced by Csk membrane delocalization. Oncogene, 2010, 29, 1303-1315.	5.9	57
50	R37: ActivitÃ© anti-oncogÃ©nique de la protÃ©ine de signalisation Src-Like Adaptor Protein dans les cancers colorectaux. Bulletin Du Cancer, 2010, 97, S30.	1.6	0
51	Symplekin promotes tumorigenicity by up-regulating claudin-2 expression. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 2628-2633.	7.1	69
52	Pregnane Ã— Receptor (PXR) expression in colorectal cancer cells restricts irinotecan chemosensitivity through enhanced SN-38 glucuronidation. Molecular Cancer, 2010, 9, 46.	19.2	87
53	The long road to colorectal cancer therapy: Searching for the right signals. Drug Resistance Updates, 2010, 13, 44-56.	14.4	25
54	A 20-Amino Acid Module of Protein Kinase CÏµ Involved in Translocation and Selective Targeting at Cell-Cell Contacts. Journal of Biological Chemistry, 2009, 284, 18808-18815.	3.4	7

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55	The Wnt Target Jagged-1 Mediates the Activation of Notch Signaling by Progastrin in Human Colorectal Cancer Cells. Cancer Research, 2009, 69, 6065-6073.	0.9	62
56	Clinical relevance of nine transcriptional molecular markers for the diagnosis of head and neck squamous cell carcinoma in tissue and saliva rinse. BMC Cancer, 2009, 9, 370.	2.6	51
57	cAMP Response Element Binding Protein Is Required for Mouse Neural Progenitor Cell Survival and Expansion. Stem Cells, 2009, 27, 1347-1357.	3.2	76
58	Reference gene selection for head and neck squamous cell carcinoma gene expression studies. BMC Molecular Biology, 2009, 10, 78.	3.0	47
59	Defective Claudin-7 Regulation by Tcf-4 and Sox-9 Disrupts the Polarity and Increases the Tumorigenicity of Colorectal Cancer Cells. Cancer Research, 2008, 68, 4258-4268.	0.9	108
60	Phosphatidylethanol Accumulation Promotes Intestinal Hyperplasia by Inducing ZONAB-Mediated Cell Density Increase in Response to Chronic Ethanol Exposure. Molecular Cancer Research, 2007, 5, 1147-1157.	3.4	39
61	Sox9 regulates cell proliferation and is required for Paneth cell differentiation in the intestinal epithelium. Journal of Cell Biology, 2007, 178, 635-648.	5.2	412
62	DNA-methylation-dependent alterations of claudin-4 expression in human bladder carcinoma. Carcinogenesis, 2007, 28, 246-258.	2.8	79
63	Î²-Catenin/Tcf-4 Inhibition After Progastrin Targeting Reduces Growth and Drives Differentiation of Intestinal Tumors. Gastroenterology, 2007, 133, 1554-1568.	1.3	41
64	AF6/sâ€afadin is a dual residency protein and localizes to a novel subnuclear compartment. Journal of Cellular Physiology, 2007, 210, 212-223.	4.1	27
65	Pygeum africanum extract inhibits proliferation of human cultured prostatic fibroblasts and myofibroblasts. BJU International, 2006, 98, 1106-1113.	2.5	19
66	Functional interaction between the ZO-1-interacting transcription factor ZONAB/DbpA and the RNA processing factor symplekin. Journal of Cell Science, 2006, 119, 5098-5105.	2.0	68
67	A Spatiotemporally Coordinated Cascade of Protein Kinase C Activation Controls Isoform-Selective Translocation. Molecular and Cellular Biology, 2006, 26, 2247-2261.	2.3	29
68	Signaling the Junctions in Gut Epithelium. Science Signaling, 2005, 2005, pe13-pe13.	3.6	11
69	Adherens junctions and tight junctions are regulated via different pathways by progastrin in epithelial cells. Journal of Cell Science, 2003, 116, 1187-1197.	2.0	71
70	Ferric Ions Are Essential for the Biological Activity of the Hormone Glycine-extended Gastrin. Journal of Biological Chemistry, 2002, 277, 48602-48609.	3.4	52
71	Reciprocal regulation of gastrointestinal homeostasis by SHP2 and STAT-mediated trefoil gene activation in gp130 mutant mice. Nature Medicine, 2002, 8, 1089-1097.	30.7	433
72	Biologically Active Recombinant Human Progastrin6â€“80Contains a Tightly Bound Calcium Ion. Journal of Biological Chemistry, 2001, 276, 7791-7796.	3.4	61

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73	Involvement of Phosphatidylinositol 3-Kinase and Mitogen-activated Protein Kinases in Glycine-extended Gastrin-induced Dissociation and Migration of Gastric Epithelial Cells. Journal of Biological Chemistry, 2001, 276, 40402-40410.	3.4	60
74	Expression of progastrin-derived peptides and gastrin receptors in a panel of gastrointestinal carcinoma cell lines. Journal of Gastroenterology and Hepatology (Australia), 1998, 13, 208-214.	2.8	11
75	Blockade of long chain fatty acid oxidation by non-steroidal anti-inflammatory drugs may contribute to inhibition of proliferation of human colorectal carcinoma cell lines. Cancer Letters, 1998, 124, 187-191.	7.2	15
76	Comparative effects of GLP-1-(7-36) amide, oxyntomodulin and glucagon on rabbit gastric parietal cell function. European Journal of Pharmacology, 1995, 288, 319-327.	2.6	23
77	Neurohormonal regulation of histamine release from isolated rabbit fundic mucosal cells. Agents and Actions, 1993, 38, 149-157.	0.7	8
78	Expression of angiotensin I converting enzyme mRNA in rabbit gastric epithelial cells. Molecular and Cellular Endocrinology, 1993, 92, 167-174.	3.2	11
79	A Prepro-TRH Connecting Peptide (Prepro-TRH 160â€“169) Potentiates TRH-Induced TSH Release from Rat Perifused Pituitaries by Stimulating Dihydropyridine- and Omega-Conotoxin-Sensitive Ca²⁺ Channels. Neuroendocrinology, 1991, 54, 559-565.	2.5	31
80	Soluble and particulate inositol 1,4,5-trisphosphate 5-phosphatases show common antigenic determinants. Cellular Signalling, 1990, 2, 595-599.	3.6	11