Gaetan Jego

List of Publications by Year
in descending order

116 papers	12,695 citations	31976 53 h-index	24258 110 g-index
117 all docs	117 docs citations	117 times ranked	16545 citing authors

#	Article	IF	Citations
1	Heat shock proteins and exosomes in cancer theranostics. Seminars in Cancer Biology, 2022, 86, 46-57.	9.6	24
2	The HSP GRP94 interacts with macrophage intracellular complement C3 and impacts M2 profile during ER stress. Cell Death and Disease, 2021, 12, 114.	6.3	26
3	Nanofitins targeting heat shock protein 110: An innovative immunotherapeutic modality in cancer. International Journal of Cancer, 2021, 148, 3019-3031.	5.1	16
4	Lactobacillus stress protein GroEL prevents colonic inflammation. Journal of Gastroenterology, 2021, 56, 442-455.	5.1	29
5	HSP90 inhibitor NVP-BEP800 affects stability of SRC kinases and growth of T-cell and B-cell acute lymphoblastic leukemias. Blood Cancer Journal, 2021, 11, 61.	6.2	14
6	Extracellular Heat Shock Proteins as Therapeutic Targets and Biomarkers in Fibrosing Interstitial Lung Diseases. International Journal of Molecular Sciences, 2021, 22, 9316.	4.1	11
7	Endoplasmic Reticulum Chaperones in Viral Infection: Therapeutic Perspectives. Microbiology and Molecular Biology Reviews, 2021, 85, e0003521.	6.6	25
8	Selecting the first chemical molecule inhibitor of HSP110 for colorectal cancer therapy. Cell Death and Differentiation, 2020, 27, 117-129.	11.2	31
9	Heat-shock proteins: chaperoning DNA repair. Oncogene, 2020, 39, 516-529.	5.9	111
10	Membrane-anchored heat-shock protein 70 (Hsp70) in cancer. Cancer Letters, 2020, 469, 134-141.	7.2	56
11	XPO1 regulates erythroid differentiation and is a new target for the treatment of Î²-thalassemia. Haematologica, 2020, 105, 2240-2249.	3.5	19
12	Chaperoning STAT3/5 by Heat Shock Proteins: Interest of Their Targeting in Cancer Therapy. Cancers, 2020, 12, 21.	3.7	32
13	XPO1E571K Mutation Modifies Exportin 1 Localisation and Interactome in B-Cell Lymphoma. Cancers, 2020, 12, 2829.	3.7	12
14	Heat Shock Proteins and PD-1/PD-L1 as Potential Therapeutic Targets in Myeloproliferative Neoplasms. Cancers, 2020, 12, 2592.	3.7	8
15	Neutralization of HSF1 in cells from PIK3CA-related overgrowth spectrum patients blocks abnormal proliferation. Biochemical and Biophysical Research Communications, 2020, 530, 520-526.	2.1	5
16	Tracking the evolution of circulating exosomalâ€PDâ€L1 to monitor melanoma patients. Journal of Extracellular Vesicles, 2020, 9, 1710899.	12.2	175
17	Monitoring HSP70 exosomes in cancer patientsâ€™ follow up: a clinical prospective pilot study. Journal of Extracellular Vesicles, 2020, 9, 1766192.	12.2	71
18	Molecular chaperones in the brain endothelial barrier: neurotoxicity or neuroprotection?. FASEB Journal, 2019, 33, 11629-11639.	0.5	12

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19	Exosomal HSP70 for Monitoring of Frontotemporal Dementia and Alzheimerâ€™s Disease: Clinical and FDG-PET Correlation. Journal of Alzheimer's Disease, 2019, 71, 1263-1269.	2.6	15
20	Serpin B1 defect and increased apoptosis of neutrophils in Cohen syndrome neutropenia. Journal of Molecular Medicine, 2019, 97, 633-645.	3.9	15
21	HSP110 translocates to the nucleus upon genotoxic chemotherapy and promotes DNA repair in colorectal cancer cells. Oncogene, 2019, 38, 2767-2777.	5.9	26
22	Heat shock protein-90 toward theranostics: a breath of fresh air in idiopathic pulmonary fibrosis. European Respiratory Journal, 2018, 51, 1702612.	6.7	10
23	HSP27 is a partner of JAK2-STAT5 and a potential therapeutic target in myelofibrosis. Nature Communications, 2018, 9, 1431.	12.8	21
24	Hsp70: A Cancer Target Inside and Outside the Cell. Methods in Molecular Biology, 2018, 1709, 371-396.	0.9	62
25	HSP110 sustains chronic NF-Î°B signaling in activated B-cell diffuse large B-cell lymphoma through MyD88 stabilization. Blood, 2018, 132, 510-520.	1.4	25
26	The vesicular transfer of CLIC1 from glioblastoma to microvascular endothelial cells requires TRPM7. Oncotarget, 2018, 9, 33302-33311.	1.8	13
27	The Hsp70 inhibiting peptide aptamer A17 potentiates radiosensitization of tumor cells by Hsp90 inhibition. Cancer Letters, 2017, 390, 146-152.	7.2	26
28	HSP110 promotes colorectal cancer growth through STAT3 activation. Oncogene, 2017, 36, 2328-2336.	5.9	53
29	Modulation of the inwardly rectifying potassium channel Kir4.1 by the pro-invasive miR-5096 in glioblastoma cells. Oncotarget, 2017, 8, 37681-37693.	1.8	41
30	The Microvascular Gap Junction Channel: A Route to Deliver MicroRNAs for Neurological Disease Treatment. Frontiers in Molecular Neuroscience, 2017, 10, 246.	2.9	8
31	Serum Gp96 is a chaperone of complement-C3 during graft-versus-host disease. JCI Insight, 2017, 2, e90531.	5.0	11
32	Gap junction-mediated transfer of miR-145-5p from microvascular endothelial cells to colon cancer cells inhibits angiogenesis. Oncotarget, 2016, 7, 28160-28168.	1.8	66
33	Transfer of functional microRNAs between glioblastoma and microvascular endothelial cells through gap junctions. Oncotarget, 2016, 7, 73925-73934.	1.8	42
34	Extracellular HSP110 skews macrophage polarization in colorectal cancer. OncoImmunology, 2016, 5, e1170264.	4.6	33
35	<i>HSP110</i>T17 simplifies and improves the microsatellite instability testing in patients with colorectal cancer. Journal of Medical Genetics, 2016, 53, 377-384.	3.2	46
36	Restoring Anticancer Immune Response by Targeting Tumor-Derived Exosomes With a HSP70 Peptide Aptamer. Journal of the National Cancer Institute, 2016, 108, djv330.	6.3	159

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37	The HSP90 inhibitor, 17AAG, protects the intestinal stem cell niche and inhibits graft versus host disease development. Oncogene, 2016, 35, 2842-2851.	5.9	20
38	Biofilms of Lactobacillus plantarum and Lactobacillus fermentum: Effect on stress responses, antagonistic effects on pathogen growth and immunomodulatory properties. Food Microbiology, 2016, 53, 51-59.	4.2	126
39	HSP90 and HSP70: Implication in Inflammation Processes and Therapeutic Approaches for Myeloproliferative Neoplasms. Mediators of Inflammation, 2015, 2015, 1-8.	3.0	69
40	Small Heat Shock Proteins and Fibrosis. Heat Shock Proteins, 2015, , 315-334.	0.2	1
41	Antifibrotic Role of Î±B-Crystallin Inhibition in Pleural and Subpleural Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 244-252.	2.9	19
42	C-terminal amino acids are essential for human heat shock protein 70 dimerization. Cell Stress and Chaperones, 2015, 20, 61-72.	2.9	15
43	Do not stress, just differentiate: role of stress proteins in hematopoiesis. Cell Death and Disease, 2015, 6, e1628-e1628.	6.3	5
44	Insulin response dysregulation explains abnormal fat storage and increased risk of diabetes mellitus type 2 in Cohen Syndrome. Human Molecular Genetics, 2015, 24, 6603-6613.	2.9	26
45	XPO1 (Exportin-1) Is a Major Regulator of Human Erythroid Differentiation. Potential Clinical Applications to Decrease Ineffective Erythropoiesis of Beta-Thalassemia. Blood, 2015, 126, 2368-2368.	1.4	4
46	Oncogenic extracellular HSP70 disrupts the gap-junctional coupling between capillary cells. Oncotarget, 2015, 6, 10267-10283.	1.8	14
47	Primary tumor- and metastasis-derived colon cancer cells differently modulate connexin expression and function in human capillary endothelial cells. Oncotarget, 2015, 6, 28800-28815.	1.8	36
48	HSP70, the Key to Account for Erythroid Tropism of Diamond-Blackfan Anemia?. Blood, 2015, 126, 671-671.	1.4	0
49	The Functional Landscape of Hsp27 Reveals New Cellular Processes such as DNA Repair and Alternative Splicing and Proposes Novel Anticancer Targets. Molecular and Cellular Proteomics, 2014, 13, 3585-3601.	3.8	65
50	Heat shock proteins in fibrosis and wound healing: Good or evil?. , 2014, 143, 119-132.		78
51	Patients With Colorectal Tumors With Microsatellite Instability andÂLarge Deletions in HSP110 T17 Have Improved Response to 5-Fluorouracilâ€“Based Chemotherapy. Gastroenterology, 2014, 146, 401-411.e1.	1.3	62
52	Regulation of the proapoptotic functions of prostate apoptosis response-4 (Par-4) by casein kinase 2 in prostate cancer cells. Cell Death and Disease, 2014, 5, e1016-e1016.	6.3	19
53	The biofilm mode of life boosts the anti-inflammatory properties of<i>L</i><i>actobacillus</i>. Cellular Microbiology, 2014, 16, 1836-1853.	2.1	85
54	HSP70 sequestration by free Î±-globin promotes ineffective erythropoiesis in Î²-thalassaemia. Nature, 2014, 514, 242-246.	27.8	124

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55	Dual regulation of SPI1/PU.1 transcription factor by heat shock factor 1 (HSF1) during macrophage differentiation of monocytes. Leukemia, 2014, 28, 1676-1686.	7.2	30
56	Cohen syndrome is associated with major glycosylation defects. Human Molecular Genetics, 2014, 23, 2391-2399.	2.9	79
57	Extracellular HSP27 mediates angiogenesis through Tollâ€like receptor 3. FASEB Journal, 2013, 27, 4169-4183.	0.5	93
58	Targeting heat shock proteins in cancer. Cancer Letters, 2013, 332, 275-285.	7.2	368
59	Defective nuclear localization of Hsp70 is associated with dyserythropoiesis and GATA-1 cleavage in myelodysplastic syndromes. Blood, 2012, 119, 1532-1542.	1.4	61
60	Inhibition of HSP70: A challenging anti-cancer strategy. Cancer Letters, 2012, 325, 117-124.	7.2	211
61	HSPBs: Small proteins with big implications in human disease. International Journal of Biochemistry and Cell Biology, 2012, 44, 1706-1710.	2.8	77
62	Modulation of normal and malignant plasma cells function by toll-like receptors. Frontiers in Bioscience - Elite, 2012, E4, 2289.	1.8	1
63	Heat shock proteins in hematopoietic malignancies. Experimental Cell Research, 2012, 318, 1946-1958.	2.6	49
64	Modulation of normal and malignant plasma cells function by toll-like receptors. Frontiers in Bioscience - Elite, 2012, E4, 2289-2301.	1.8	4
65	Expression of a mutant HSP110 sensitizes colorectal cancer cells to chemotherapy and improves disease prognosis. Nature Medicine, 2011, 17, 1283-1289.	30.7	137
66	Hsp70: Anti-apoptotic and Tumorigenic Protein. Methods in Molecular Biology, 2011, 787, 205-230.	0.9	101
67	TLR9 Ligand Induces the Generation of CD20+ Plasmablasts and Plasma Cells from CD27+ Memory B-Cells. Frontiers in Immunology, 2011, 2, 83.	4.8	25
68	Fine-tuning nucleophosmin in macrophage differentiation and activation. Blood, 2011, 118, 4694-4704.	1.4	39
69	Glycosaminoglycans inhibit the adherence and the spreading of osteoclasts and their precursors: Role in osteoclastogenesis and bone resorption. European Journal of Cell Biology, 2011, 90, 49-57.	3.6	23
70	Transactivation of the Epidermal Growth Factor Receptor by Heat Shock Protein 90 via Toll-like Receptor 4 Contributes to the Migration of Glioblastoma Cells. Journal of Biological Chemistry, 2011, 286, 3418-3428.	3.4	86
71	Peptides and Aptamers Targeting HSP70: A Novel Approach for Anticancer Chemotherapy. Cancer Research, 2011, 71, 484-495.	0.9	150
72	Heat Shock Proteins as Danger Signals for Cancer Detection. Frontiers in Oncology, 2011, 1, 37.	2.8	58

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73	Microsatellite Instability in Colorectal Cancer: Time to Stop Hiding!. Oncotarget, 2011, 2, 826-827.	1.8	11
74	HSP27 controls GATA-1 protein level during erythroid cell differentiation. Blood, 2010, 116, 85-96.	1.4	66
75	Toll-like receptors: Expression and involvement in Multiple Myeloma. Leukemia Research, 2010, 34, 1545-1550.	0.8	29
76	Membrane-associated Hsp72 from tumor-derived exosomes mediates STAT3-dependent immunosuppressive function of mouse and human myeloid-derived suppressor cells. Journal of Clinical Investigation, 2010, 120, 457-71.	8.2	761
77	Dual Role of Heat Shock Proteins as Regulators of Apoptosis and Innate Immunity. Journal of Innate Immunity, 2010, 2, 238-247.	3.8	260
78	Various functions of caspases in hematopoiesis. Frontiers in Bioscience - Landmark, 2009, Volume, 2358.	3.0	6
79	Phosphorothioate-Modified TLR9 Ligands Protect Cancer Cells against TRAIL-Induced Apoptosis. Journal of Immunology, 2009, 183, 4371-4377.	0.8	25
80	Tollâ€like receptors â€" sentries in the Bâ€cell response. Immunology, 2009, 128, 311-323.	4.4	220
81	TLR3 Ligand Induces NF-ÎºB Activation and Various Fates of Multiple Myeloma Cells Depending on IFN-Î± Production. Journal of Immunology, 2009, 182, 4471-4478.	0.8	59
82	Toll-like receptors: lessons to learn from normal and malignant human B cells. Blood, 2008, 112, 2205-2213.	1.4	99
83	Osteoclasts support the survival of human plasma cells in vitro. International Immunology, 2008, 20, 775-782.	4.0	36
84	Apoptosis Versus Cell Differentiation. Prion, 2007, 1, 53-60.	1.8	205
85	Reactive plasmacytoses can mimick plasma cell leukemia: Therapeutical implications. Leukemia and Lymphoma, 2007, 48, 207-208.	1.3	19
86	Hsp70 regulates erythropoiesis by preventing caspase-3-mediated cleavage of GATA-1. Nature, 2007, 445, 102-105.	27.8	246
87	Fas-Dependent Apoptosis in Early MDS Erythroid Precursors Involves Endoplasmic Reticulum.. Blood, 2007, 110, 3346-3346.	1.4	0
88	HSP27 favors ubiquitination and proteasomal degradation of p27 Kip1 and helps Sâ€phase reâ€entry in stressed cells. FASEB Journal, 2006, 20, 1179-1181.	0.5	95
89	Lack of CD27 in myeloma delineates different presentation and outcome. British Journal of Haematology, 2006, 132, 168-170.	2.5	49
90	Pathogen-associated molecular patterns are growth and survival factors for human myeloma cells through Toll-like receptors. Leukemia, 2006, 20, 1130-1137.	7.2	157

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91	Heat Shock Proteins 27 and 70: Anti-Apoptotic Proteins with Tumorigenic Properties. Cell Cycle, 2006, 5, 2592-2601.	2.6	615
92	Heat Shock Protein 70 Neutralization Exerts Potent Antitumor Effects in Animal Models of Colon Cancer and Melanoma. Cancer Research, 2006, 66, 4191-4197.	0.9	138
93	Osteoclasts but Not Macrophages or Dendritic Cells Support Long-Term Plasma Cell Survival.. Blood, 2006, 108, 931-931.	1.4	0
94	The phenotype of normal, reactive and malignant plasma cells. Identification of "many and multiple myelomas" and of new targets for myeloma therapy. Haematologica, 2006, 91, 1234-40.	3.5	159
95	Immunotherapy Via Dendritic Cells. , 2005, 560, 105-114.		47
96	Dendritic Cells Control B Cell Growth and Differentiation. , 2004, 8, 124-139.		128
97	Heat shock protein 70 binding inhibits the nuclear import of apoptosis-inducing factor. Oncogene, 2003, 22, 6669-6678.	5.9	251
98	Heat shock proteins, cellular chaperones that modulate mitochondrial cell death pathways. Biochemical and Biophysical Research Communications, 2003, 304, 505-512.	2.1	321
99	Plasmacytoid Dendritic Cells Induce Plasma Cell Differentiation through Type I Interferon and Interleukin 6. Immunity, 2003, 19, 225-234.	14.3	929
100	HSP27 and HSP70: potentially oncogenic apoptosis inhibitors. Cell Cycle, 2003, 2, 579-84.	2.6	86
101	Chemosensitization by a non-apoptogenic heat shock protein 70-binding apoptosis-inducing factor mutant. Cancer Research, 2003, 63, 8233-40.	0.9	81
102	Specific involvement of caspases in the differentiation of monocytes into macrophages. Blood, 2002, 100, 4446-4453.	1.4	287
103	Heat Shock Proteins: Endogenous Modulators of Apoptotic Cell Death. Biochemical and Biophysical Research Communications, 2001, 286, 433-442.	2.1	685
104	Interleukin-6 is a growth factor for nonmalignant human plasmablasts. Blood, 2001, 97, 1817-1822.	1.4	168
105	Heat-shock protein 70 antagonizes apoptosis-inducing factor. Nature Cell Biology, 2001, 3, 839-843.	10.3	790
106	Selective depletion of inducible HSP70 enhances immunogenicity of rat colon cancer cells. Oncogene, 2001, 20, 7478-7485.	5.9	77
107	Caspase Activation Is Required for Terminal Erythroid Differentiation. Journal of Experimental Medicine, 2001, 193, 247-254.	8.5	387
108	The cancer germ-line genes MAGE-1, MAGE-3 and PRAME are commonly expressed by human myeloma cells. European Journal of Immunology, 2000, 30, 803-809.	2.9	112

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109	Differential regulation of HSP27 oligomerization in tumor cells grown in vitro and in vivo. Oncogene, 2000, 19, 4855-4863.	5.9	135
110	Hsp27 negatively regulates cell death by interacting with cytochrome c. Nature Cell Biology, 2000, 2, 645-652.	10.3	882
111	Reactive plasmacytoses in multiple myeloma during hematopoietic recovery with G- or GM-CSF. Leukemia Research, 2000, 24, 627-630.	0.8	9
112	Reactive plasmacytoses, a model for studying the biology of human plasma cell progenitors and precursors. The Hematology Journal, 2000, 1, 362-366.	1.4	18
113	Reactive Plasmacytoses Are Expansions of Plasmablasts Retaining the Capacity to Differentiate Into Plasma Cells. Blood, 1999, 94, 701-712.	1.4	60
114	The absence of CD56 (NCAM) on malignant plasma cells is a hallmark of plasma cell leukemia and of a special subset of multiple myeloma. Leukemia, 1998, 12, 1977-1982.	7.2	172
115	Inconstant Association between 27-kDa Heat-Shock Protein (Hsp27) Content and Doxorubicin Resistance in Human Colon Cancer Cells. The Doxorubicin-Protecting Effect of Hsp27. FEBS Journal, 1996, 237, 653-659.	0.2	80
116	Circumvention of confluence-dependent resistance in a human multi-drug-resistant colon-cancer cell line. International Journal of Cancer, 1995, 61, 873-879.	5.1	24