Carmen Garrido

List of Publications by Citations

211 papers	20,795 citations	68 h-index	142 g-index
250 ext. papers	23,874 ext. citations	7 avg, IF	6.3 L-index

#	Paper	IF	Citations
211	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. *Cell Death and Differentiation*, **2018**, 25, 486-541	12.7	2160
210	Caspase-dependent immunogenicity of doxorubicin-induced tumor cell death. *Journal of Experimental Medicine*, **2005**, 202, 1691-701	16.6	934
209	Hsp27 negatively regulates cell death by interacting with cytochrome c. *Nature Cell Biology*, **2000**, 2, 645-52	23.4	798
208	Mechanisms of cytochrome c release from mitochondria. *Cell Death and Differentiation*, **2006**, 13, 1423-33	12.7	770
207	CD4+CD25+ regulatory T cells suppress tumor immunity but are sensitive to cyclophosphamide which allows immunotherapy of established tumors to be curative. *European Journal of Immunology* , **2004**, 34, 336-44	6.1	758
206	Heat-shock protein 70 antagonizes apoptosis-inducing factor. *Nature Cell Biology*, **2001**, 3, 839-43	23.4	707
205	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	15.9	651
204	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. *Cell Death and Differentiation*, **2015**, 22, 58-73	12.7	643
203	Heat shock proteins: endogenous modulators of apoptotic cell death. *Biochemical and Biophysical Research Communications*, **2001**, 286, 433-42	3.4	620
202	Heat shock proteins 27 and 70: anti-apoptotic proteins with tumorigenic properties. *Cell Cycle*, **2006**, 5, 2592-601	4.7	535
201	Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. *Cell Death and Differentiation*, **2009**, 16, 1093-107	12.7	533
200	Intracellular and extracellular functions of heat shock proteins: repercussions in cancer therapy. *Journal of Leukocyte Biology*, **2007**, 81, 15-27	6.5	425
199	HSP27 inhibits cytochrome c-dependent activation of procaspase-9. *FASEB Journal*, **1999**, 13, 2061-70	0.9	413
198	Caspase activation is required for terminal erythroid differentiation. *Journal of Experimental Medicine*, **2001**, 193, 247-54	16.6	338
197	Heat shock proteins: essential proteins for apoptosis regulation. *Journal of Cellular and Molecular Medicine*, **2008**, 12, 743-61	5.6	334
196	Targeting heat shock proteins in cancer. *Cancer Letters*, **2013**, 332, 275-85	9.9	298
195	Heat shock proteins, cellular chaperones that modulate mitochondrial cell death pathways. *Biochemical and Biophysical Research Communications*, **2003**, 304, 505-12	3.4	287

194	DNA binding is required for the apoptogenic action of apoptosis inducing factor. *Nature Structural Biology*, **2002**, 9, 680-4		279
193	HDAC6 controls major cell response pathways to cytotoxic accumulation of protein aggregates. *Genes and Development*, **2007**, 21, 2172-81	12.6	270
192	HSP27 is a ubiquitin-binding protein involved in I-kappaBalpha proteasomal degradation. *Molecular and Cellular Biology*, **2003**, 23, 5790-802	4.8	268
191	Specific involvement of caspases in the differentiation of monocytes into macrophages. *Blood*, **2002**, 100, 4446-53	2.2	261
190	Heat shock protein 70 binding inhibits the nuclear import of apoptosis-inducing factor. *Oncogene*, **2003**, 22, 6669-78	9.2	234
189	Dual role of heat shock proteins as regulators of apoptosis and innate immunity. *Journal of Innate Immunity*, **2010**, 2, 238-47	6.9	224
188	AIF and cyclophilin A cooperate in apoptosis-associated chromatinolysis. *Oncogene*, **2004**, 23, 1514-21	9.2	220
187	Hsp70 regulates erythropoiesis by preventing caspase-3-mediated cleavage of GATA-1. *Nature*, **2007**, 445, 102-5	50.4	199
186	Apoptosis-inducing factor (AIF): caspase-independent after all. *Cell Death and Differentiation*, **2004**, 11, 591-5	12.7	188
185	Vital functions for lethal caspases. *Oncogene*, **2005**, 24, 5137-48	9.2	177
184	Inhibition of HSP70: a challenging anti-cancer strategy. *Cancer Letters*, **2012**, 325, 117-24	9.9	174
183	Apoptosis versus cell differentiation: role of heat shock proteins HSP90, HSP70 and HSP27. *Prion*, **2007**, 1, 53-60	2.3	172
182	The small heat shock proteins family: the long forgotten chaperones. *International Journal of Biochemistry and Cell Biology*, **2012**, 44, 1588-92	5.6	170
181	HSP27 and HSP70: Potentially Oncogenic Apoptosis Inhibitors. *Cell Cycle*, **2003**, 2, 578-583	4.7	169
180	Apoptosis regulation in tetraploid cancer cells. *EMBO Journal*, **2006**, 25, 2584-95	13	153
179	Life's smile, death's grin: vital functions of apoptosis-executing proteins. *Current Opinion in Cell Biology*, **2004**, 16, 639-46	9	152
178	Transcriptional regulation of vascular endothelial growth factor gene expression in ovarian bovine granulosa cells. *Growth Factors*, **1993**, 8, 109-17	1.6	137
177	Small heat shock proteins HSP27 and alphaB-crystallin: cytoprotective and oncogenic functions. *Antioxidants and Redox Signaling*, **2005**, 7, 404-13	8.4	130

176	Heat shock proteins: cell protection through protein triage. *Scientific World Journal, The*, **2010**, 10, 1543-52	2.2	129
175	Heat shock protein 70 neutralization exerts potent antitumor effects in animal models of colon cancer and melanoma. *Cancer Research*, **2006**, 66, 4191-7	10.1	126
174	Peptides and aptamers targeting HSP70: a novel approach for anticancer chemotherapy. *Cancer Research*, **2011**, 71, 484-95	10.1	124
173	Positive and negative regulation of apoptotic pathways by cytotoxic agents in hematological malignancies. *Leukemia*, **2000**, 14, 1833-49	10.7	123
172	Differential regulation of HSP27 oligomerization in tumor cells grown in vitro and in vivo. *Oncogene* , **2000**, 19, 4855-63	9.2	119
171	Restoring Anticancer Immune Response by Targeting Tumor-Derived Exosomes With a HSP70 Peptide Aptamer. *Journal of the National Cancer Institute*, **2016**, 108,	9.7	118
170	Expression of a mutant HSP110 sensitizes colorectal cancer cells to chemotherapy and improves disease prognosis. *Nature Medicine*, **2011**, 17, 1283-9	50.5	117
169	From nanotechnology to nanomedicine: applications to cancer research. *Current Molecular Medicine* , **2010**, 10, 640-52	2.5	116
168	Anti-cancer therapeutic approaches based on intracellular and extracellular heat shock proteins. *Current Medicinal Chemistry*, **2007**, 14, 2839-47	4.3	115
167	Heat shock protein 27 confers resistance to androgen ablation and chemotherapy in prostate cancer cells through eIF4E. *Oncogene*, **2010**, 29, 1883-96	9.2	105
166	TGF-beta1 induces progressive pleural scarring and subpleural fibrosis. *Journal of Immunology*, **2007**, 179, 6043-51	5.3	97
165	Sulforaphane activates heat shock response and enhances proteasome activity through up-regulation of Hsp27. *Journal of Biological Chemistry*, **2010**, 285, 35528-36	5.4	95
164	HSP70 sequestration by free □globin promotes ineffective erythropoiesis in □thalassaemia. *Nature*, **2014**, 514, 242-6	50.4	85
163	Tracking the evolution of circulating exosomal-PD-L1 to monitor melanoma patients. *Journal of Extracellular Vesicles*, **2020**, 9, 1710899	16.4	84
162	Hsp70: anti-apoptotic and tumorigenic protein. *Methods in Molecular Biology*, **2011**, 787, 205-30	1.4	83
161	Cancer cell sensitization to fas-mediated apoptosis by sodium butyrate. *Cell Death and Differentiation*, **1998**, 5, 480-7	12.7	83
160	HSP27 favors ubiquitination and proteasomal degradation of p27Kip1 and helps S-phase re-entry in stressed cells. *FASEB Journal*, **2006**, 20, 1179-81	0.9	83
159	Biofilms of Lactobacillus plantarum and Lactobacillus fermentum: Effect on stress responses, antagonistic effects on pathogen growth and immunomodulatory properties. *Food Microbiology*, **2016**, 53, 51-9	6	81

158	Extracellular HSP27 mediates angiogenesis through Toll-like receptor 3. *FASEB Journal*, **2013**, 27, 4169-83	3.9	80
157	Mitochondria-targeting drugs arsenic trioxide and lonidamine bypass the resistance of TPA-differentiated leukemic cells to apoptosis. *Blood*, **2001**, 97, 3931-40	2.2	78
156	Inhibition of HSP27 blocks fibrosis development and EMT features by promoting Snail degradation. *FASEB Journal*, **2013**, 27, 1549-60	0.9	77
155	Regulation of cytoplasmic stress granules by apoptosis-inducing factor. *Journal of Cell Science*, **2004**, 117, 4461-8	5.3	75
154	The viral nucleocapsid protein of transmissible gastroenteritis coronavirus (TGEV) is cleaved by caspase-6 and -7 during TGEV-induced apoptosis. *Journal of Virology*, **2000**, 74, 3975-83	6.6	75
153	Chemosensitization by a non-apoptogenic heat shock protein 70-binding apoptosis-inducing factor mutant. *Cancer Research*, **2003**, 63, 8233-40	10.1	74
152	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, 3418-28	5.4	73
151	HSP27 and HSP70: potentially oncogenic apoptosis inhibitors. *Cell Cycle*, **2003**, 2, 579-84	4.7	73
150	Theileria parasites secrete a prolyl isomerase to maintain host leukocyte transformation. *Nature*, **2015**, 520, 378-82	50.4	71
149	Quercetin-mediated Mcl-1 and survivin downregulation restores TRAIL-induced apoptosis in non-Hodgkin's lymphoma B cells. *Haematologica*, **2012**, 97, 38-46	6.6	70
148	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, 653-9		70
147	Chemotherapy overcomes TRAIL-R4-mediated TRAIL resistance at the DISC level. *Cell Death and Differentiation*, **2011**, 18, 700-11	12.7	69
146	Selective depletion of inducible HSP70 enhances immunogenicity of rat colon cancer cells. *Oncogene*, **2001**, 20, 7478-85	9.2	69
145	Heat shock protein 27 is involved in SUMO-2/3 modification of heat shock factor 1 and thereby modulates the transcription factor activity. *Oncogene*, **2009**, 28, 3332-44	9.2	68
144	OGX-427 inhibits tumor progression and enhances gemcitabine chemotherapy in pancreatic cancer. *Cell Death and Disease*, **2011**, 2, e221	9.8	66
143	HSPBs: small proteins with big implications in human disease. *International Journal of Biochemistry and Cell Biology*, **2012**, 44, 1706-10	5.6	64
142	Pre-processed caspase-9 contained in mitochondria participates in apoptosis. *Cell Death and Differentiation*, **2002**, 9, 82-8	12.7	64
141	The biofilm mode of life boosts the anti-inflammatory properties of Lactobacillus. *Cellular Microbiology*, **2014**, 16, 1836-53	3.9	62

140	N-glycosylation of mouse TRAIL-R and human TRAIL-R1 enhances TRAIL-induced death. *Cell Death and Differentiation*, **2017**, 24, 500-510	12.7	59
139	HSP27 controls GATA-1 protein level during erythroid cell differentiation. *Blood*, **2010**, 116, 85-96	2.2	58
138	High concordance between HIV-1 drug resistance genotypes generated from plasma and dried blood spots in antiretroviral-experienced patients. *Aids*, **2007**, 21, 2503-11	3.5	58
137	HSP90 and HSP70: Implication in Inflammation Processes and Therapeutic Approaches for Myeloproliferative Neoplasms. *Mediators of Inflammation*, **2015**, 2015, 970242	4.3	57
136	Music supported therapy promotes motor plasticity in individuals with chronic stroke. *Brain Imaging and Behavior*, **2016**, 10, 1289-1307	4.1	56
135	A self-inducible heterologous protein expression system in Escherichia coli. *Scientific Reports*, **2016**, 6, 33037	4.9	55
134	Heat shock proteins in fibrosis and wound healing: good or evil?. *Pharmacology & Therapeutics*, **2014**, 143, 119-32	13.9	55
133	Gap junction-mediated transfer of miR-145-5p from microvascular endothelial cells to colon cancer cells inhibits angiogenesis. *Oncotarget*, **2016**, 7, 28160-8	3.3	55
132	TRAIL receptor gene editing unveils TRAIL-R1 as a master player of apoptosis induced by TRAIL and ER stress. *Oncotarget*, **2017**, 8, 9974-9985	3.3	53
131	Patients with colorectal tumors with microsatellite instability and large deletions in HSP110 T17 have improved response to 5-fluorouracil-based chemotherapy. *Gastroenterology*, **2014**, 146, 401-11.e1	13.3	52
130	Targeting TCTP as a new therapeutic strategy in castration-resistant prostate cancer. *Molecular Therapy*, **2012**, 20, 2244-56	11.7	52
129	TRAIL-R4 promotes tumor growth and resistance to apoptosis in cervical carcinoma HeLa cells through AKT. *PLoS ONE*, **2011**, 6, e19679	3.7	50
128	HSP70 is a negative regulator of NLRP3 inflammasome activation. *Cell Death and Disease*, **2019**, 10, 256	9.8	47
127	Defective nuclear localization of Hsp70 is associated with dyserythropoiesis and GATA-1 cleavage in myelodysplastic syndromes. *Blood*, **2012**, 119, 1532-42	2.2	47
126	Selective inhibition of apoptosis by TPA-induced differentiation of U937 leukemic cells. *Cell Death and Differentiation*, **1999**, 6, 351-61	12.7	46
125	Heat shock proteins as danger signals for cancer detection. *Frontiers in Oncology*, **2011**, 1, 37	5.3	45
124	Rescue of early-stage myelodysplastic syndrome-deriving erythroid precursors by the ectopic expression of a dominant-negative form of FADD. *Blood*, **2005**, 105, 4035-42	2.2	45
123	Exosomes in cancer theranostic: Diamonds in the rough. *Cell Adhesion and Migration*, **2017**, 11, 151-163	3.2	44

122	Heat shock proteins in hematopoietic malignancies. *Experimental Cell Research*, **2012**, 318, 1946-58	4.2	44
121	Hsp70: A Cancer Target Inside and Outside the Cell. *Methods in Molecular Biology*, **2018**, 1709, 371-396	1.4	43
120	Wip1 promotes RUNX2-dependent apoptosis in p53-negative tumors and protects normal tissues during treatment with anticancer agents. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, E68-75	11.5	42
119	A role of HSPs in apoptosis through "protein triage"?. *Cell Death and Differentiation*, **2003**, 10, 619-20	12.7	41
118	Interaction of heat-shock protein 90 beta isoform (HSP90 beta) with cellular inhibitor of apoptosis 1 (c-IAP1) is required for cell differentiation. *Cell Death and Differentiation*, **2008**, 15, 859-66	12.7	40
117	Bleomycin induces pleural and subpleural fibrosis in the presence of carbon particles. *European Respiratory Journal*, **2010**, 35, 176-85	13.6	39
116	The small heat-shock protein Bb-crystallin is essential for the nuclear localization of Smad4: impact on pulmonary fibrosis. *Journal of Pathology*, **2014**, 232, 458-72	9.4	38
115	Heat-shock proteins: chaperoning DNA repair. *Oncogene*, **2020**, 39, 516-529	9.2	38
114	Transfer of functional microRNAs between glioblastoma and microvascular endothelial cells through gap junctions. *Oncotarget*, **2016**, 7, 73925-73934	3.3	37
113	Prognostic value of changes in resting-state functional connectivity patterns in cognitive recovery after stroke: A 3T fMRI pilot study. *Human Brain Mapping*, **2014**, 35, 3819-31	5.9	36
112	HSP110 promotes colorectal cancer growth through STAT3 activation. *Oncogene*, **2017**, 36, 2328-2336	9.2	35
111	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, 3585-601	7.6	35
110	Performance of a population-based HIV-1 tropism phenotypic assay and correlation with V3 genotypic prediction tools in recent HIV-1 seroconverters. *Journal of Acquired Immune Deficiency Syndromes (1999)*, **2008**, 48, 241-4	3.1	35
109	HSP110 T17 simplifies and improves the microsatellite instability testing in patients with colorectal cancer. *Journal of Medical Genetics*, **2016**, 53, 377-84	5.8	33
108	Hyperthermia restores apoptosis induced by death receptors through aggregation-induced c-FLIP cytosolic depletion. *Cell Death and Disease*, **2015**, 6, e1633	9.8	33
107	Inhibition of progesterone production in human luteinized granulosa cells treated with LXR agonists. *Molecular Human Reproduction*, **2007**, 13, 373-9	4.4	33
106	Monitoring HSP70 exosomes in cancer patients' follow up: a clinical prospective pilot study. *Journal of Extracellular Vesicles*, **2020**, 9, 1766192	16.4	32
105	Membrane-anchored heat-shock protein 70 (Hsp70) in cancer. *Cancer Letters*, **2020**, 469, 134-141	9.9	30

104	Wip1 sensitizes p53-negative tumors to apoptosis by regulating the Bax/Bcl-xL ratio. *Cell Cycle*, **2012**, 11, 1883-7	4.7	29
103	Modulation of the inwardly rectifying potassium channel Kir4.1 by the pro-invasive miR-5096 in glioblastoma cells. *Oncotarget*, **2017**, 8, 37681-37693	3.3	28
102	Targeting cancer with peptide aptamers. *Oncotarget*, **2011**, 2, 557-61	3.3	28
101	Primary tumor- and metastasis-derived colon cancer cells differently modulate connexin expression and function in human capillary endothelial cells. *Oncotarget*, **2015**, 6, 28800-15	3.3	26
100	Ochrobactrum anthropi bacteremia associated with a catheter in an immunocompromised child and review of the pediatric literature. *Pediatric Infectious Disease Journal*, **1999**, 18, 658-60	3.4	26
99	Atypical protein kinase C zeta as a target for chemosensitization of tumor cells. *Cancer Research*, **2002**, 62, 1815-21	10.1	26
98	Dual regulation of SPI1/PU.1 transcription factor by heat shock factor 1 (HSF1) during macrophage differentiation of monocytes. *Leukemia*, **2014**, 28, 1676-86	10.7	25
97	A role for caspases in the differentiation of erythroid cells and macrophages. *Biochimie*, **2008**, 90, 416-22	4.6	25
96	Phase I pharmacokinetic and pharmacodynamic study of weekly 1-hour and 24-hour infusion BMS-214662, a farnesyltransferase inhibitor, in patients with advanced solid tumors. *Journal of Clinical Oncology*, **2005**, 23, 2521-33	2.2	25
95	Circumvention of confluence-dependent resistance in a human multi-drug-resistant colon-cancer cell line. *International Journal of Cancer*, **1995**, 61, 873-9	7.5	24
94	Status of vitamin D in children with sickle cell disease living in Madrid, Spain. *European Journal of Pediatrics*, **2012**, 171, 1793-8	4.1	22
93	Extracellular HSP110 skews macrophage polarization in colorectal cancer. *OncoImmunology*, **2016**, 5, e1170264	7.2	22
92	Exosomal miRNA: Small Molecules, Big Impact in Colorectal Cancer. *Journal of Oncology*, **2019**, 2019, 8585276	4.5	21
91	Kinetic resistance to anticancer agents. *Cytotechnology*, **1993**, 12, 347-56	2.2	21
90	Implication of heat shock factors in tumorigenesis: therapeutical potential. *Cancers*, **2011**, 3, 1158-81	6.6	20
89	Spontaneous and Fas-induced apoptosis of low-grade MDS erythroid precursors involves the endoplasmic reticulum. *Leukemia*, **2008**, 22, 1864-73	10.7	20
88	Membrane-bound exosomal HSP70 as a biomarker for detection and monitoring of malignant solid tumours: a pilot study. *Pilot and Feasibility Studies*, **2020**, 6, 35	1.9	19
87	The severe phenotype of Diamond-Blackfan anemia is modulated by heat shock protein 70. *Blood Advances*, **2017**, 1, 1959-1976	7.8	19

86	Deglycosylated bleomycin has the antitumor activity of bleomycin without pulmonary toxicity. *Science Translational Medicine*, **2016**, 8, 326ra20	17.5	19
85	Selecting the first chemical molecule inhibitor of HSP110 for colorectal cancer therapy. *Cell Death and Differentiation*, **2020**, 27, 117-129	12.7	19
84	The HSP90 inhibitor, 17AAG, protects the intestinal stem cell niche and inhibits graft versus host disease development. *Oncogene*, **2016**, 35, 2842-51	9.2	18
83	The Hsp70 inhibiting peptide aptamer A17 potentiates radiosensitization of tumor cells by Hsp90 inhibition. *Cancer Letters*, **2017**, 390, 146-152	9.9	18
82	TRIM33 prevents pulmonary fibrosis by impairing TGF-β signalling. *European Respiratory Journal*, **2020**, 55,	13.6	18
81	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	9.8	18
80	FUZZY INTERVALS TO REPRESENT FUZZY VALID TIME IN A TEMPORAL RELATIONAL DATABASE. *International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems*, **2009**, 17, 173-192	0.8	18
79	Increased immunogenicity of colon cancer cells by selective depletion of cytochrome C. *Cancer Research*, **2004**, 64, 2705-11	10.1	17
78	Effect of α-tocopherol and α-tocotrienol on the performance of Chilean hazelnut oil (Gevuina avellana Mol) at high temperature. *Journal of the Science of Food and Agriculture*, **2004**, 84, 943-948	4.3	17
77	Antifibrotic role of αB-crystallin inhibition in pleural and subpleural fibrosis. *American Journal of Respiratory Cell and Molecular Biology*, **2015**, 52, 244-52	5.7	16
76	Wee1 inhibition potentiates Wip1-dependent p53-negative tumor cell death during chemotherapy. *Cell Death and Disease*, **2016**, 7, e2195	9.8	16
75	Raman spectroscopy analysis of pigments on Diego Velázquez paintings. *Vibrational Spectroscopy*, **2013**, 69, 13-20	2.1	16
74	The impact of tumor nitric oxide production on VEGFA expression and tumor growth in a zebrafish rat glioma xenograft model. *PLoS ONE*, **2015**, 10, e0120435	3.7	16
73	Biphasic Erk1/2 activation sequentially involving Gs and Gi signaling is required in beta3-adrenergic receptor-induced primary smooth muscle cell proliferation. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2013**, 1833, 1041-51	4.9	16
72	Quantification of HSP27 and HSP70 molecular chaperone activities. *Methods in Molecular Biology*, **2011**, 787, 137-43	1.4	16
71	HSP110 sustains chronic NF-κB signaling in activated B-cell diffuse large B-cell lymphoma through MyD88 stabilization. *Blood*, **2018**, 132, 510-520	2.2	15
70	Beta3 adrenergic receptor stimulation in human macrophages inhibits NADPHoxidase activity and induces catalase expression via PPARα activation. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2017**, 1864, 1769-1784	4.9	15
69	Effects of leptin on lipopolysaccharide-induced remodeling in an in vitro model of human myometrial inflammation. *Biology of Reproduction*, **2013**, 88, 45	3.9	15

68	Deleterious effect of serum proteins on the amphotericin B-induced potentiation of cisplatin in human colon cancer cells. *British Journal of Cancer*, **1994**, 70, 631-5	8.7	15
67	Dual inhibitors of histone deacetylases and other cancer-related targets: A pharmacological perspective. *Biochemical Pharmacology*, **2020**, 182, 114224	6	15
66	HSP110 translocates to the nucleus upon genotoxic chemotherapy and promotes DNA repair in colorectal cancer cells. *Oncogene*, **2019**, 38, 2767-2777	9.2	15
65	DNA damage and S phase-dependent E2F1 stabilization requires the cIAP1 E3-ubiquitin ligase and is associated with K63-poly-ubiquitination on lysine 161/164 residues. *Cell Death and Disease*, **2017**, 8, e2816	9.8	14
64	Use of non-echo-planar diffusion-weighted MR imaging for the detection of cholesteatomas in high-risk tympanic retraction pockets. *American Journal of Neuroradiology*, **2014**, 35, 1820-4	4.4	14
63	C-terminal amino acids are essential for human heat shock protein 70 dimerization. *Cell Stress and Chaperones*, **2015**, 20, 61-72	4	13
62	HSP27 is a partner of JAK2-STAT5 and a potential therapeutic target in myelofibrosis. *Nature Communications*, **2018**, 9, 1431	17.4	13
61	ELECTRON BACKSCATTER DIFFRACTION-BASED IDENTIFICATION AND QUANTIFICATION OF DIAMONDS FROM THE RIF GNEISSES (SPAIN AND MOROCCO): ECONOMIC IMPLICATIONS. *Economic Geology*, **2011**, 106, 1241-1249	4.3	13
60	An atypical caspase-independent death pathway for an immunogenic cancer cell line. *Oncogene*, **2002**, 21, 6091-100	9.2	13
59	Oncogenic extracellular HSP70 disrupts the gap-junctional coupling between capillary cells. *Oncotarget*, **2015**, 6, 10267-83	3.3	13
58	Glutathione prevents preterm parturition and fetal death by targeting macrophage-induced reactive oxygen species production in the myometrium. *FASEB Journal*, **2015**, 29, 2653-66	0.9	12
57	New insights into the kinetic resistance to anticancer agents. *Cytotechnology*, **1998**, 27, 225-35	2.2	11
56	Hybrid nucleoprotein particles containing a subset of male and female histone variants form during male pronucleus formation in sea urchins. *Journal of Cellular Biochemistry*, **1996**, 63, 385-94	4.7	10
55	Serum Gp96 is a chaperone of complement-C3 during graft-versus-host disease. *JCI Insight*, **2017**, 2, e90531	9.9	10
54	The HSP GRP94 interacts with macrophage intracellular complement C3 and impacts M2 profile during ER stress. *Cell Death and Disease*, **2021**, 12, 114	9.8	9
53	Pleural inhibition of the caspase-1/IL-1β pathway diminishes profibrotic lung toxicity of bleomycin. *Respiratory Research*, **2016**, 17, 162	7.3	8
52	Molecular chaperones in the brain endothelial barrier: neurotoxicity or neuroprotection?. *FASEB Journal*, **2019**, 33, 11629-11639	0.9	8
51	Dose-dependent biphasic leptin-induced proliferation is caused by non-specific IL-6/NF-Β pathway activation in human myometrial cells. *British Journal of Pharmacology*, **2015**, 172, 2974-90	8.6	8

50	Increased Levels of Interleukin-17A Exosomes in Psoriasis. *Acta Dermato-Venereologica*, **2019**, 99, 1143-1147	2.4	8
49	Chaperoning STAT3/5 by Heat Shock Proteins: Interest of Their Targeting in Cancer Therapy. *Cancers*, **2019**, 12,	6.6	8
48	Death Receptor-Induced Apoptosis Signalling Regulation by Ezrin Is Cell Type Dependent and Occurs in a DISC-Independent Manner in Colon Cancer Cells. *PLoS ONE*, **2015**, 10, e0126526	3.7	7
47	Genetic algorithm based method for grounding grid design		7
46	Comments on the kinetic analysis of enzyme reactions involving an unstable irreversible modifier. *Biochemical Journal*, **1992**, 287 (Pt 1), 333-4	3.8	7
45	The steady-state rate equation for the general modifier mechanism of Botts and Morales when the quasi-equilibrium assumption for the binding of the modifier is made. *Biochemical Journal*, **1992**, 288 (Pt 3), 1072-3	3.8	7
44	XPO1 regulates erythroid differentiation and is a new target for the treatment of ♯thalassemia. *Haematologica*, **2020**, 105, 2240-2249	6.6	7
43	Heat shock proteins and exosomes in cancer theranostics. *Seminars in Cancer Biology*, **2021**,	12.7	7
42	Small molecule DNA-PK inhibitors as potential cancer therapy: a patent review (2010-present). *Expert Opinion on Therapeutic Patents*, **2021**, 31, 435-452	6.8	7
41	Heat shock and HSP70 regulate 5-FU-mediated caspase-1 activation in myeloid-derived suppressor cells and tumor growth in mice **2020**, 8,		6
40	The Microvascular Gap Junction Channel: A Route to Deliver MicroRNAs for Neurological Disease Treatment. *Frontiers in Molecular Neuroscience*, **2017**, 10, 246	6.1	6
39	Various functions of caspases in hematopoiesis. *Frontiers in Bioscience - Landmark*, **2009**, 14, 2358-71	2.8	6
38	The vesicular transfer of CLIC1 from glioblastoma to microvascular endothelial cells requires TRPM7. *Oncotarget*, **2018**, 9, 33302-33311	3.3	6
37	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	7	6
36	Do not stress, just differentiate: role of stress proteins in hematopoiesis. *Cell Death and Disease*, **2015**, 6, e1628	9.8	5
35	Peripheral pigmented neuroectodermal tumor of infancy with rhabdomyoblastic differentiation. *Pathology Research and Practice*, **1990**, 186, 403-7; discussion 407-9	3.4	5
34	Exosomal HSP70 for Monitoring of Frontotemporal Dementia and Alzheimer's Disease: Clinical and FDG-PET Correlation. *Journal of Alzheimer's Disease*, **2019**, 71, 1263-1269	4.3	4
33	Nanofitins targeting heat shock protein 110: An innovative immunotherapeutic modality in cancer. *International Journal of Cancer*, **2021**, 148, 3019-3031	7.5	4

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