Carmen Garrido

List of Publications by Year
in descending order

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234 papers	26,747 citations	9264 74 h-index	6300 158 g-index
250 all docs	250 docs citations	250 times ranked	34627 citing authors

#	Article	IF	Citations
1	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	11.2	4,036
2	Caspase-dependent immunogenicity of doxorubicin-induced tumor cell death. Journal of Experimental Medicine, 2005, 202, 1691-1701.	8.5	1,224
3	Mechanisms of cytochrome c release from mitochondria. Cell Death and Differentiation, 2006, 13, 1423-1433.	11.2	1,028
4	Hsp27 negatively regulates cell death by interacting with cytochrome c. Nature Cell Biology, 2000, 2, 645-652.	10.3	882
5	CD4⁺CD25⁺ regulatory Tâ€„cells suppress tumor immunity but are sensitive to cyclophosphamide which allows immunotherapy of established tumors to be curative. European Journal of Immunology, 2004, 34, 336-344.	2.9	846
6	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. Cell Death and Differentiation, 2015, 22, 58-73.	11.2	811
7	Heat-shock protein 70 antagonizes apoptosis-inducing factor. Nature Cell Biology, 2001, 3, 839-843.	10.3	790
8	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
9	Heat Shock Proteins: Endogenous Modulators of Apoptotic Cell Death. Biochemical and Biophysical Research Communications, 2001, 286, 433-442.	2.1	685
10	Heat Shock Proteins 27 and 70: Anti-Apoptotic Proteins with Tumorigenic Properties. Cell Cycle, 2006, 5, 2592-2601.	2.6	615
11	Guidelines for the use and interpretation of assays for monitoring cell death in higher eukaryotes. Cell Death and Differentiation, 2009, 16, 1093-1107.	11.2	599
12	Intracellular and extracellular functions of heat shock proteins: repercussions in cancer therapy. Journal of Leukocyte Biology, 2007, 81, 15-27.	3.3	482
13	HSP27 inhibits cytochrome câ€dependent activation of procaspaseâ€9. FASEB Journal, 1999, 13, 2061-2070.	0.5	453
14	Heat shock proteins: essential proteins for apoptosis regulation. Journal of Cellular and Molecular Medicine, 2008, 12, 743-761.	3.6	391
15	Caspase Activation Is Required for Terminal Erythroid Differentiation. Journal of Experimental Medicine, 2001, 193, 247-254.	8.5	387
16	Targeting heat shock proteins in cancer. Cancer Letters, 2013, 332, 275-285.	7.2	368
17	Heat shock proteins, cellular chaperones that modulate mitochondrial cell death pathways. Biochemical and Biophysical Research Communications, 2003, 304, 505-512.	2.1	321
18	DNA binding is required for the apoptogenic action of apoptosis inducing factor. Nature Structural Biology, 2002, 9, 680-684.	9.7	319

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19	HDAC6 controls major cell response pathways to cytotoxic accumulation of protein aggregates. Genes and Development, 2007, 21, 2172-2181.	5.9	312
20	HSP27 Is a Ubiquitin-Binding Protein Involved in I-Î²BÎ± Proteasomal Degradation. Molecular and Cellular Biology, 2003, 23, 5790-5802.	2.3	301
21	Specific involvement of caspases in the differentiation of monocytes into macrophages. Blood, 2002, 100, 4446-4453.	1.4	287
22	Dual Role of Heat Shock Proteins as Regulators of Apoptosis and Innate Immunity. Journal of Innate Immunity, 2010, 2, 238-247.	3.8	260
23	AIF and cyclophilin A cooperate in apoptosis-associated chromatinolysis. Oncogene, 2004, 23, 1514-1521.	5.9	254
24	Heat shock protein 70 binding inhibits the nuclear import of apoptosis-inducing factor. Oncogene, 2003, 22, 6669-6678.	5.9	251
25	Hsp70 regulates erythropoiesis by preventing caspase-3-mediated cleavage of GATA-1. Nature, 2007, 445, 102-105.	27.8	246
26	HSP27 and HSP70: Potentially Oncogenic Apoptosis Inhibitors. Cell Cycle, 2003, 2, 578-583.	2.6	213
27	Inhibition of HSP70: A challenging anti-cancer strategy. Cancer Letters, 2012, 325, 117-124.	7.2	211
28	Apoptosis-inducing factor (AIF): caspase-independent after all. Cell Death and Differentiation, 2004, 11, 591-595.	11.2	208
29	Apoptosis Versus Cell Differentiation. Prion, 2007, 1, 53-60.	1.8	205
30	The small heat shock proteins family: The long forgotten chaperones. International Journal of Biochemistry and Cell Biology, 2012, 44, 1588-1592.	2.8	203
31	Vital functions for lethal caspases. Oncogene, 2005, 24, 5137-5148.	5.9	202
32	Apoptosis regulation in tetraploid cancer cells. EMBO Journal, 2006, 25, 2584-2595.	7.8	180
33	Tracking the evolution of circulating exosomalâ€PDâ€L1 to monitor melanoma patients. Journal of Extracellular Vesicles, 2020, 9, 1710899.	12.2	175
34	Life's smile, death's grin: vital functions of apoptosis-executing proteins. Current Opinion in Cell Biology, 2004, 16, 639-646.	5.4	167
35	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
36	Heat Shock Proteins: Cell Protection through Protein Triage. Scientific World Journal, The, 2010, 10, 1543-1552.	2.1	153

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37	Peptides and Aptamers Targeting HSP70: A Novel Approach for Anticancer Chemotherapy. Cancer Research, 2011, 71, 484-495.	0.9	150
38	From Nanotechnology to Nanomedicine: Applications to Cancer Research. Current Molecular Medicine, 2010, 10, 640-652.	1.3	148
39	Transcriptional Regulation of Vascular Endothelial Growth Factor Gene Expression in Ovarian Bovine Granulosa Cells. Growth Factors, 1993, 8, 109-117.	1.7	145
40	Small Heat Shock Proteins HSP27 and Î±B-Crystallin: Cytoprotective and Oncogenic Functions. Antioxidants and Redox Signaling, 2005, 7, 404-413.	5.4	144
41	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
42	Expression of a mutant HSP110 sensitizes colorectal cancer cells to chemotherapy and improves disease prognosis. Nature Medicine, 2011, 17, 1283-1289.	30.7	137
43	Differential regulation of HSP27 oligomerization in tumor cells grown in vitro and in vivo. Oncogene, 2000, 19, 4855-4863.	5.9	135
44	Positive and negative regulation of apoptotic pathways by cytotoxic agents in hematological malignancies. Leukemia, 2000, 14, 1833-1849.	7.2	131
45	Anti-Cancer Therapeutic Approaches Based on Intracellular and Extracellular Heat Shock Proteins. Current Medicinal Chemistry, 2007, 14, 2839-2847.	2.4	126
46	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
47	HSP70 sequestration by free Î±-globin promotes ineffective erythropoiesis in Î²-thalassaemia. Nature, 2014, 514, 242-246.	27.8	124
48	Heat shock protein 27 confers resistance to androgen ablation and chemotherapy in prostate cancer cells through eIF4E. Oncogene, 2010, 29, 1883-1896.	5.9	120
49	Sulforaphane Activates Heat Shock Response and Enhances Proteasome Activity through Up-regulation of Hsp27. Journal of Biological Chemistry, 2010, 285, 35528-35536.	3.4	117
50	TGF-Î²1 Induces Progressive Pleural Scarring and Subpleural Fibrosis. Journal of Immunology, 2007, 179, 6043-6051.	0.8	114
51	Heat-shock proteins: chaperoning DNA repair. Oncogene, 2020, 39, 516-529.	5.9	111
52	Size matters: of the small HSP27 and its large oligomers. Cell Death and Differentiation, 2002, 9, 483-485.	11.2	103
53	Hsp70: Anti-apoptotic and Tumorigenic Protein. Methods in Molecular Biology, 2011, 787, 205-230.	0.9	101
54	Theileria parasites secrete a prolyl isomerase to maintain host leukocyte transformation. Nature, 2015, 520, 378-382.	27.8	100

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55	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
56	Inhibition of HSP27 blocks fibrosis development and EMT features by promoting Snail degradation. FASEB Journal, 2013, 27, 1549-1560.	0.5	95
57	Extracellular HSP27 mediates angiogenesis through Tollâ€like receptor 3. FASEB Journal, 2013, 27, 4169-4183.	0.5	93
58	Cancer cell sensitization to Fas-mediated apoptosis by sodium butyrate. Cell Death and Differentiation, 1998, 5, 480-487.	11.2	88
59	OGX-427 inhibits tumor progression and enhances gemcitabine chemotherapy in pancreatic cancer. Cell Death and Disease, 2011, 2, e221-e221.	6.3	87
60	A self-inducible heterologous protein expression system in Escherichia coli. Scientific Reports, 2016, 6, 33037.	3.3	87
61	Music supported therapy promotes motor plasticity in individuals with chronic stroke. Brain Imaging and Behavior, 2016, 10, 1289-1307.	2.1	87
62	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
63	HSP27 and HSP70: potentially oncogenic apoptosis inhibitors. Cell Cycle, 2003, 2, 579-84.	2.6	86
64	The biofilm mode of life boosts the anti-inflammatory properties ofLactobacillus. Cellular Microbiology, 2014, 16, 1836-1853.	2.1	85
65	Regulation of cytoplasmic stress granules by apoptosis-inducing factor. Journal of Cell Science, 2004, 117, 4461-4468.	2.0	84
66	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, 3975-3983.	3.4	83
67	HSP70 is a negative regulator of NLRP3 inflammasome activation. Cell Death and Disease, 2019, 10, 256.	6.3	81
68	Chemosensitization by a non-apoptogenic heat shock protein 70-binding apoptosis-inducing factor mutant. Cancer Research, 2003, 63, 8233-40.	0.9	81
69	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
70	Mitochondria-targeting drugs arsenic trioxide and lonidamine bypass the resistance of TPA-differentiated leukemic cells to apoptosis. Blood, 2001, 97, 3931-3940.	1.4	79
71	Quercetin-mediated Mcl-1 and survivin downregulation restores TRAIL-induced apoptosis in non-Hodgkin's lymphoma B cells. Haematologica, 2012, 97, 38-46.	3.5	79
72	Heat shock proteins in fibrosis and wound healing: Good or evil?. , 2014, 143, 119-132.		78

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73	Selective depletion of inducible HSP70 enhances immunogenicity of rat colon cancer cells. Oncogene, 2001, 20, 7478-7485.	5.9	77
74	HSPBs: Small proteins with big implications in human disease. International Journal of Biochemistry and Cell Biology, 2012, 44, 1706-1710.	2.8	77
75	Chemotherapy overcomes TRAIL-R4-mediated TRAIL resistance at the DISC level. Cell Death and Differentiation, 2011, 18, 700-711.	11.2	75
76	N-glycosylation of mouse TRAIL-R and human TRAIL-R1 enhances TRAIL-induced death. Cell Death and Differentiation, 2017, 24, 500-510.	11.2	75
77	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, 3332-3344.	5.9	73
78	Targeting TCTP as a New Therapeutic Strategy in Castration-resistant Prostate Cancer. Molecular Therapy, 2012, 20, 2244-2256.	8.2	71
79	Monitoring HSP70 exosomes in cancer patientsâ€™ follow up: a clinical prospective pilot study. Journal of Extracellular Vesicles, 2020, 9, 1766192.	12.2	71
80	HSP90 and HSP70: Implication in Inflammation Processes and Therapeutic Approaches for Myeloproliferative Neoplasms. Mediators of Inflammation, 2015, 2015, 1-8.	3.0	69
81	TRAIL receptor gene editing unveils TRAIL-R1 as a master player of apoptosis induced by TRAIL and ER stress. Oncotarget, 2017, 8, 9974-9985.	1.8	68
82	High concordance between HIV-1 drug resistance genotypes generated from plasma and dried blood spots in antiretroviral-experienced patients. Aids, 2007, 21, 2503-2511.	2.2	66
83	HSP27 controls GATA-1 protein level during erythroid cell differentiation. Blood, 2010, 116, 85-96.	1.4	66
84	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
85	Pre-processed caspase-9 contained in mitochondria participates in apoptosis. Cell Death and Differentiation, 2002, 9, 82-88.	11.2	65
86	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
87	Exosomes in cancer theranostic: Diamonds in the rough. Cell Adhesion and Migration, 2017, 11, 151-163.	2.7	63
88	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
89	Hsp70: A Cancer Target Inside and Outside the Cell. Methods in Molecular Biology, 2018, 1709, 371-396.	0.9	62
90	Defective nuclear localization of Hsp70 is associated with dyserythropoiesis and GATA-1 cleavage in myelodysplastic syndromes. Blood, 2012, 119, 1532-1542.	1.4	61

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91	Rescue of early-stage myelodysplastic syndrome-deriving erythroid precursors by the ectopic expression of a dominant-negative form of FADD. Blood, 2005, 105, 4035-4042.	1.4	58
92	Heat Shock Proteins as Danger Signals for Cancer Detection. Frontiers in Oncology, 2011, 1, 37.	2.8	58
93	TRAIL-R4 Promotes Tumor Growth and Resistance to Apoptosis in Cervical Carcinoma HeLa Cells through AKT. PLoS ONE, 2011, 6, e19679.	2.5	57
94	Membrane-anchored heat-shock protein 70 (Hsp70) in cancer. Cancer Letters, 2020, 469, 134-141.	7.2	56
95	Prognostic value of changes in restingâ€state functional connectivity patterns in cognitive recovery after stroke: A 3T fMRI pilot study. Human Brain Mapping, 2014, 35, 3819-3831.	3.6	53
96	HSP110 promotes colorectal cancer growth through STAT3 activation. Oncogene, 2017, 36, 2328-2336.	5.9	53
97	The small heatâ€shock protein Î±<scp>B</scp>â€crystallin is essential for the nuclear localization of Smad4: impact on pulmonary fibrosis. Journal of Pathology, 2014, 232, 458-472.	4.5	52
98	Bleomycin induces pleural and subpleural fibrosis in the presence of carbon particles. European Respiratory Journal, 2010, 35, 176-185.	6.7	50
99	Selective inhibition of apoptosis by TPA-induced differentiation of U937 leukemic cells. Cell Death and Differentiation, 1999, 6, 351-361.	11.2	49
100	Heat shock proteins in hematopoietic malignancies. Experimental Cell Research, 2012, 318, 1946-1958.	2.6	49
101	Dual inhibitors of histone deacetylases and other cancer-related targets: A pharmacological perspective. Biochemical Pharmacology, 2020, 182, 114224.	4.4	49
102	A role of HSPs in apoptosis through â€œprotein triageâ€?. Cell Death and Differentiation, 2003, 10, 619-620.	11.2	48
103	HSP110T17 simplifies and improves the microsatellite instability testing in patients with colorectal cancer. Journal of Medical Genetics, 2016, 53, 377-384.	3.2	46
104	Interaction of heat-shock protein 90Î² isoform (HSP90Î²) with cellular inhibitor of apoptosis 1 (c-IAP1) is required for cell differentiation. Cell Death and Differentiation, 2008, 15, 859-866.	11.2	45
105	TRIM33 prevents pulmonary fibrosis by impairing TGF-Î²1 signalling. European Respiratory Journal, 2020, 55, 1901346.	6.7	45
106	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.	7.1	44
107	Transfer of functional microRNAs between glioblastoma and microvascular endothelial cells through gap junctions. Oncotarget, 2016, 7, 73925-73934.	1.8	42
108	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

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109	Hyperthermia restores apoptosis induced by death receptors through aggregation-induced c-FLIP cytosolic depletion. Cell Death and Disease, 2015, 6, e1633-e1633.	6.3	40
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, 241-244.	2.1	38
111	Inhibition of progesterone production in human luteinized granulosa cells treated with LXR agonists. Molecular Human Reproduction, 2007, 13, 373-379.	2.8	37
112	Small molecule DNA-PK inhibitors as potential cancer therapy: a patent review (2010â€“present). Expert Opinion on Therapeutic Patents, 2021, 31, 435-452.	5.0	37
113	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
114	Targeting cancer with peptide aptamers. Oncotarget, 2011, 2, 557-561.	1.8	34
115	The severe phenotype of Diamond-Blackfan anemia is modulated by heat shock protein 70. Blood Advances, 2017, 1, 1959-1976.	5.2	34
116	Exosomal miRNA: Small Molecules, Big Impact in Colorectal Cancer. Journal of Oncology, 2019, 2019, 1-18.	1.3	34
117	Extracellular HSP110 skews macrophage polarization in colorectal cancer. OncoImmunology, 2016, 5, e1170264.	4.6	33
118	Status of vitamin D in children with sickle cell disease living in Madrid, Spain. European Journal of Pediatrics, 2012, 171, 1793-1798.	2.7	32
119	Chaperoning STAT3/5 by Heat Shock Proteins: Interest of Their Targeting in Cancer Therapy. Cancers, 2020, 12, 21.	3.7	32
120	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.	1.2	32
121	OCHROBACTRUM ANTHROPI BACTEREMIA ASSOCIATED WITH A CATHETER IN AN IMMUNOCOMPROMISED CHILD AND REVIEW OF THE PEDIATRIC LITERATURE. Pediatric Infectious Disease Journal, 1999, 18, 658-660.	2.0	32
122	Selecting the first chemical molecule inhibitor of HSP110 for colorectal cancer therapy. Cell Death and Differentiation, 2020, 27, 117-129.	11.2	31
123	Atypical protein kinase C zeta as a target for chemosensitization of tumor cells. Cancer Research, 2002, 62, 1815-21.	0.9	31
124	Wip1 sensitizes p53-negative tumors to apoptosis by regulating the Bax/Bcl-xLratio. Cell Cycle, 2012, 11, 1883-1887.	2.6	30
125	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
126	Lactobacillus stress protein GroEL prevents colonic inflammation. Journal of Gastroenterology, 2021, 56, 442-455.	5.1	29

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127	Spontaneous and Fas-induced apoptosis of low-grade MDS erythroid precursors involves the endoplasmic reticulum. Leukemia, 2008, 22, 1864-1873.	7.2	27
128	A role for caspases in the differentiation of erythroid cells and macrophages. Biochimie, 2008, 90, 416-422.	2.6	27
129	Implication of Heat Shock Factors in Tumorigenesis: Therapeutical Potential. Cancers, 2011, 3, 1158-1181.	3.7	26
130	Deglycosylated bleomycin has the antitumor activity of bleomycin without pulmonary toxicity. Science Translational Medicine, 2016, 8, 326ra20.	12.4	26
131	The Hsp70 inhibiting peptide aptamer A17 potentiates radiosensitization of tumor cells by Hsp90 inhibition. Cancer Letters, 2017, 390, 146-152.	7.2	26
132	HSP110 translocates to the nucleus upon genotoxic chemotherapy and promotes DNA repair in colorectal cancer cells. Oncogene, 2019, 38, 2767-2777.	5.9	26
133	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
134	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, 2521-2533.	1.6	25
135	HSP110 sustains chronic NF-Î¹B signaling in activated B-cell diffuse large B-cell lymphoma through MyD88 stabilization. Blood, 2018, 132, 510-520.	1.4	25
136	Endoplasmic Reticulum Chaperones in Viral Infection: Therapeutic Perspectives. Microbiology and Molecular Biology Reviews, 2021, 85, e0003521.	6.6	25
137	Kinetic resistance to anticancer agents. Cytotechnology, 1993, 12, 347-356.	1.6	24
138	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
139	Heat shock proteins and exosomes in cancer theranostics. Seminars in Cancer Biology, 2022, 86, 46-57.	9.6	24
140	Effect ofÎ±-tocopherol andÎ±-tocotrienol on the performance of Chilean hazelnut oil(Gevuina avellana) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.5	23
141	Beta3 adrenergic receptor stimulation in human macrophages inhibits NADPHoxidase activity and induces catalase expression via PPARÎ³ activation. Biochimica Et Biophysica Acta - Molecular Cell Research, 2017, 1864, 1769-1784.	4.1	23
142	Lipidomic profiling of exosomes from colorectal cancer cells and patients reveals potential biomarkers. Molecular Oncology, 2022, 16, 2710-2718.	4.6	23
143	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.	1.9	21
144	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, 1041-1051.	4.1	21

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145	HSP27 is a partner of JAK2-STAT5 and a potential therapeutic target in myelofibrosis. Nature Communications, 2018, 9, 1431.	12.8	21
146	Effects of Leptin on Lipopolysaccharide-Induced Remodeling in an In Vitro Model of Human Myometrial Inflammation1. Biology of Reproduction, 2013, 88, 45.	2.7	20
147	Wee1 inhibition potentiates Wip1-dependent p53-negative tumor cell death during chemotherapy. Cell Death and Disease, 2016, 7, e2195-e2195.	6.3	20
148	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
149	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-e2816.	6.3	20
150	Tumor-Derived Exosomes: Hidden Players in PD-1/PD-L1 Resistance. Cancers, 2021, 13, 4537.	3.7	20
151	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
152	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
153	XPO1 regulates erythroid differentiation and is a new target for the treatment of Î²-thalassemia. Haematologica, 2020, 105, 2240-2249.	3.5	19
154	Deleterious effect of serum proteins on the amphotericin B-induced potentiation of cisplatin in human colon cancer cells. British Journal of Cancer, 1994, 70, 631-635.	6.4	17
155	Increased Immunogenicity of Colon Cancer Cells by Selective Depletion of Cytochrome c. Cancer Research, 2004, 64, 2705-2711.	0.9	17
156	Quantification of HSP27 and HSP70 Molecular Chaperone Activities. Methods in Molecular Biology, 2011, 787, 137-143.	0.9	17
157	Raman spectroscopy analysis of pigments on Diego VelÃ¡zquez paintings. Vibrational Spectroscopy, 2013, 69, 13-20.	2.2	17
158	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, 1820-1824.	2.4	17
159	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.	2.5	17
160	Glutathione prevents preterm parturition and fetal death by targeting macrophageâ€induced reactive oxygen species production in the myometrium. FASEB Journal, 2015, 29, 2653-2666.	0.5	16
161	Pleural inhibition of the caspase-1/IL-1Î² pathway diminishes profibrotic lung toxicity of bleomycin. Respiratory Research, 2016, 17, 162.	3.6	16
162	Macrophage-induced reactive oxygen species promote myometrial contraction and labor-associated mechanismsâ€. Biology of Reproduction, 2020, 102, 1326-1339.	2.7	16

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163	Nanofitins targeting heat shock protein 110: An innovative immunotherapeutic modality in cancer. International Journal of Cancer, 2021, 148, 3019-3031.	5.1	16
164	Doseâ€dependent biphasic leptinâ€induced proliferation is caused by nonâ€specific <scp>IL</scp>â€6/<scp>NFâ€ºB</scp> pathway activation in human myometrial cells. British Journal of Pharmacology, 2015, 172, 2974-2990.	5.4	15
165	C-terminal amino acids are essential for human heat shock protein 70 dimerization. Cell Stress and Chaperones, 2015, 20, 61-72.	2.9	15
166	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
167	Heat shock and HSP70 regulate 5-FU-mediated caspase-1 activation in myeloid-derived suppressor cells and tumor growth in mice. , 2020, 8, e000478.		15
168	Inhibition of the DNA damage response phosphatase PPM1D reprograms neutrophils to enhance anti-tumor immune responses. Nature Communications, 2021, 12, 3622.	12.8	15
169	Increased Levels of Interleukin-17A Exosomes in Psoriasis. Acta Dermato-Venereologica, 2019, 99, 1143-1147.	1.3	15
170	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
171	Oncogenic extracellular HSP70 disrupts the gap-junctional coupling between capillary cells. Oncotarget, 2015, 6, 10267-10283.	1.8	14
172	New insights into the kinetic resistance to anticancer agents. Cytotechnology, 1998, 27, 225-235.	1.6	13
173	An atypical caspase-independent death pathway for an immunogenic cancer cell line. Oncogene, 2002, 21, 6091-6100.	5.9	13
174	ELECTRON BACKSCATTER DIFFRACTION-BASED IDENTIFICATION AND QUANTIFICATION OF DIAMONDS FROM THE RIF GNEISSES (SPAIN AND MOROCCO): ECONOMIC IMPLICATIONS. Economic Geology, 2011, 106, 1241-1249.	3.8	13
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