Stuart Calderwood

List of Publications by Year
in descending order

230 papers	19,976 citations	9264 74 h-index	11939 134 g-index
238 all docs	238 docs citations	238 times ranked	17320 citing authors

#	Article	IF	Citations
1	HSP70 stimulates cytokine production through a CD14-dependant pathway, demonstrating its dual role as a chaperone and cytokine. Nature Medicine, 2000, 6, 435-442.	30.7	1,497
2	Novel Signal Transduction Pathway Utilized by Extracellular HSP70. Journal of Biological Chemistry, 2002, 277, 15028-15034.	3.4	1,370
3	Heat shock proteins in cancer: diagnostic, prognostic, predictive, and treatment implications. Cell Stress and Chaperones, 2005, 10, 86.	2.9	1,176
4	Heat shock proteins in cancer: chaperones of tumorigenesis. Trends in Biochemical Sciences, 2006, 31, 164-172.	7.5	840
5	Sequential Phosphorylation by Mitogen-activated Protein Kinase and Glycogen Synthase Kinase 3 Represses Transcriptional Activation by Heat Shock Factor-1. Journal of Biological Chemistry, 1996, 271, 30847-30857.	3.4	348
6	Heat Shock Protein 70 Is Secreted from Tumor Cells by a Nonclassical Pathway Involving Lysosomal Endosomes. Journal of Immunology, 2006, 177, 7849-7857.	0.8	319
7	Heat Shock Proteins Promote Cancer: It's a Protection Racket. Trends in Biochemical Sciences, 2016, 41, 311-323.	7.5	316
8	Constitutive activation of IÎºB kinase Î± and NF-ÎºB in prostate cancer cells is inhibited by ibuprofen. Oncogene, 1999, 18, 7389-7394.	5.9	306
9	The Shock of Aging: Molecular Chaperones and the Heat Shock Response in Longevity and Aging â€" A Mini-Review. Gerontology, 2009, 55, 550-558.	2.8	294
10	Extracellular heat shock proteins in cell signaling. FEBS Letters, 2007, 581, 3689-3694.	2.8	280
11	X-irradiation, phorbol esters, and H2O2 stimulate mitogen-activated protein kinase activity in NIH-3T3 cells through the formation of reactive oxygen intermediates. Cancer Research, 1994, 54, 12-5.	0.9	279
12	Tumor-Derived Heat Shock Protein 70 Peptide Complexes Are Cross-Presented by Human Dendritic Cells. Journal of Immunology, 2002, 169, 5424-5432.	0.8	255
13	Heat shock proteins and heat shock factor 1 in carcinogenesis and tumor development: an update. Archives of Toxicology, 2013, 87, 19-48.	4.2	228
14	The dual immunoregulatory roles of stress proteins. Trends in Biochemical Sciences, 2008, 33, 71-79.	7.5	223
15	TEMPERATURE RANGE AND SELECTIVE SENSITIVITY OF TUMORS TO HYPERTHERMIA: A CRITICAL REVIEW. Annals of the New York Academy of Sciences, 1980, 335, 180-205.	3.8	202
16	Characterization and sequence of a mouse hsp70 gene and its expression in mouse cell lines. Gene, 1990, 87, 199-204.	2.2	196
17	Extracellular Heat Shock Proteins in Cell Signaling and Immunity. Annals of the New York Academy of Sciences, 2007, 1113, 28-39.	3.8	196
18	mTOR Is Essential for the Proteotoxic Stress Response, HSF1 Activation and Heat Shock Protein Synthesis. PLoS ONE, 2012, 7, e39679.	2.5	187

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19	Oxidative injury rapidly activates the heat shock transcription factor but fails to increase levels of heat shock proteins. Cancer Research, 1993, 53, 12-5.	0.9	184
20	Transcriptional Repression of the Prointerleukin 1Î² Gene by Heat Shock Factor 1. Journal of Biological Chemistry, 1996, 271, 24874-24879.	3.4	177
21	Transcriptional elongation requires DNA break-induced signalling. Nature Communications, 2015, 6, 10191.	12.8	173
22	Mechanisms for Hsp70 secretion: Crossing membranes without a leader. Methods, 2007, 43, 168-175.	3.8	165
23	Transcriptional Activity of Heat Shock Factor 1 at 37 oC Is Repressed through Phosphorylation on Two Distinct Serine Residues by Glycogen Synthase Kinase 3Î± and Protein Kinases CÎ± and CÎ¶. Journal of Biological Chemistry, 1998, 273, 18640-18646.	3.4	156
24	Extracellular HSP70 binding to surface receptors present on antigen presenting cells and endothelial/epithelial cells. FEBS Letters, 2005, 579, 1951-1960.	2.8	156
25	Extracellular HSPs: The Complicated Roles of Extracellular HSPs in Immunity. Frontiers in Immunology, 2016, 7, 159.	4.8	155
26	Increases in sequence specific DNA binding by p53 following treatment with chemotherapeutic and DNA damaging agents. Cancer Research, 1993, 53, 2212-6.	0.9	155
27	Heat Shock Factor 1 Represses Transcription of the IL-1Î² Gene through Physical Interaction with the Nuclear Factor of Interleukin 6. Journal of Biological Chemistry, 2002, 277, 11802-11810.	3.4	154
28	Gadd45 and Gadd153 messenger RNA levels are increased during hypoxia and after exposure of cells to agents which elevate the levels of the glucose-regulated proteins. Cancer Research, 1992, 52, 3814-7.	0.9	152
29	Transcriptional repression of the prointerleukin 1beta gene by heat shock factor 1. Journal of Biological Chemistry, 1996, 271, 24874-9.	3.4	151
30	HSP70 peptide-bearing and peptide-negative preparations act as chaperokines. Cell Stress and Chaperones, 2000, 5, 425.	2.9	148
31	DNA binding of heat shock factor to the heat shock element is insufficient for transcriptional activation in murine erythroleukemia cells.. Molecular and Cellular Biology, 1990, 10, 1600-1608.	2.3	147
32	Expression of heat shock proteins and heat shock protein messenger ribonucleic acid in human prostate carcinoma in vitro and in tumors in vivo. Cell Stress and Chaperones, 2005, 10, 46.	2.9	147
33	OstemiR: A Novel Panel of MicroRNA Biomarkers in Osteoblastic and Osteocytic Differentiation from Mesencymal Stem Cells. PLoS ONE, 2013, 8, e58796.	2.5	147
34	Role of Scavenger Receptors in the Binding and Internalization of Heat Shock Protein 70. Journal of Immunology, 2006, 177, 8604-8611.	0.8	142
35	Hsp70â€"Bag3 Interactions Regulate Cancer-Related Signaling Networks. Cancer Research, 2014, 74, 4731-4740.	0.9	141
36	Targeting Heat Shock Response to Sensitize Cancer Cells to Proteasome and Hsp90 Inhibitors. Cancer Research, 2006, 66, 1783-1791.	0.9	140

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37	Ca2+ is essential for multistep activation of the heat shock factor in permeabilized cells.. Molecular and Cellular Biology, 1991, 11, 3365-3368.	2.3	138
38	The Role of Heat Shock Proteins in Antigen Cross Presentation. Frontiers in Immunology, 2012, 3, 63.	4.8	137
39	A High Affinity HSF-1 Binding Site in the 5â€²-Untranslated Region of the Murine Tumor Necrosis Factor-Î± Gene Is a Transcriptional Repressor. Journal of Biological Chemistry, 2002, 277, 4981-4988.	3.4	134
40	The Anti-inflammatory Effects of Heat Shock Protein 72 Involve Inhibition of High-Mobility-Group Box 1 Release and Proinflammatory Function in Macrophages. Journal of Immunology, 2007, 179, 1236-1244.	0.8	134
41	Heat shock proteins: Stress proteins with Janus-like properties in cancer. International Journal of Hyperthermia, 2008, 24, 31-39.	2.5	132
42	Message in a bottle: Role of the 70-kDa heat shock protein family in anti-tumor immunity. European Journal of Immunology, 2005, 35, 2518-2527.	2.9	130
43	TRIM28 regulates RNA polymerase II promoter-proximal pausing and pause release. Nature Structural and Molecular Biology, 2014, 21, 876-883.	8.2	125
44	NON-STEROIDAL ANTI-INFLAMMATORY DRUGS INHIBIT THE EXPRESSION OF CYTOKINES AND INDUCE HSP70 IN HUMAN MONOCYTES. Cytokine, 1999, 11, 347-358.	3.2	121
45	HSPâ€enriched properties of extracellular vesicles involve survival of metastatic oral cancer cells. Journal of Cellular Biochemistry, 2018, 119, 7350-7362.	2.6	120
46	Inhibition of Tumor Necrosis Factor-Î± Transcription in Macrophages Exposed to Febrile Range Temperature. Journal of Biological Chemistry, 2000, 275, 9841-9848.	3.4	115
47	Regulation of Molecular Chaperone Gene Transcription Involves the Serine Phosphorylation, 14-3-3Îµ Binding, and Cytoplasmic Sequestration of Heat Shock Factor 1. Molecular and Cellular Biology, 2003, 23, 6013-6026.	2.3	114
48	Targeting the oncogene and kinome chaperone CDC37. Nature Reviews Cancer, 2008, 8, 491-495.	28.4	114
49	Rapid increases in inositol trisphosphate and intracellular Ca++ after heat shock. Biochemical and Biophysical Research Communications, 1986, 137, 826-833.	2.1	110
50	Phosphorylation of HSF1 by MAPK-Activated Protein Kinase 2 on Serine 121, Inhibits Transcriptional Activity and Promotes HSP90 Binding. Journal of Biological Chemistry, 2006, 281, 782-791.	3.4	108
51	Induction of heat shock proteins by heregulin Î²1 leads to protection from apoptosis and anchorage-independent growth. Oncogene, 2005, 24, 6564-6573.	5.9	107
52	Biological and Clinical Aspects of Hyperthermia in Cancer Therapy. American Journal of Clinical Oncology: Cancer Clinical Trials, 1988, 11, 368-380.	1.3	102
53	Members of the 70-kilodalton heat shock protein family contain a highly conserved calmodulin-binding domain.. Molecular and Cellular Biology, 1990, 10, 1234-1238.	2.3	101
54	Organoids with cancer stem cell-like properties secrete exosomes and HSP90 in a 3D nanoenvironment. PLoS ONE, 2018, 13, e0191109.	2.5	100

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55	Heat shock factor 1 represses estrogen-dependent transcription through association with MTA1. Oncogene, 2008, 27, 1886-1893.	5.9	99
56	Brefeldin A, thapsigargin, and AlF4? stimulate the accumulation of GRP78 mRNA in a cycloheximide dependent manner, whilst induction by hypoxia is independent of protein synthesis. Journal of Cellular Physiology, 1992, 152, 545-552.	4.1	97
57	Heat Shock Protein 90 Mediates Efficient Antigen Cross Presentation through the Scavenger Receptor Expressed by Endothelial Cells-I. Journal of Immunology, 2010, 185, 2903-2917.	0.8	95
58	Caught with their PAMPs down? The extracellular signalling actions of molecular chaperones are not due to microbial contaminants. Cell Stress and Chaperones, 2010, 15, 123-141.	2.9	93
59	Targeting Cdc37 Inhibits Multiple Signaling Pathways and Induces Growth Arrest in Prostate Cancer Cells. Cancer Research, 2007, 67, 11942-11950.	0.9	92
60	Elevated Expression of Heat Shock Factor (HSF) 2A Stimulates HSF1-induced Transcription during Stress. Journal of Biological Chemistry, 2003, 278, 35465-35475.	3.4	91
61	THE INHIBITION OF LPS-INDUCED PRODUCTION OF INFLAMMATORY CYTOKINES BY HSP70 INVOLVES INACTIVATION OF THE NF-Î°B PATHWAY BUT NOT THE MAPK PATHWAYS. Shock, 2006, 26, 277-284.	2.1	91
62	Enhanced Immunogenicity of Heat Shock Protein 70 Peptide Complexes from Dendritic Cell-Tumor Fusion Cells. Journal of Immunology, 2006, 177, 5946-5955.	0.8	89
63	Stress proteins in aging and life span. International Journal of Hyperthermia, 2013, 29, 442-447.	2.5	89
64	HSP90 inhibitors disrupt a transient HSP90-HSF1 interaction and identify a noncanonical model of HSP90-mediated HSF1 regulation. Scientific Reports, 2018, 8, 6976.	3.3	88
65	Heat shock proteins and cancer: intracellular chaperones or extracellular signalling ligands?. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20160524.	4.0	84
66	Induction of hsp70-Mediated Th17 Autoimmunity Can Be Exploited as Immunotherapy for Metastatic Prostate Cancer. Cancer Research, 2007, 67, 11970-11979.	0.9	83
67	Heat shock proteins and cancer vaccines: developments in the past decade and chaperoning in the decade to come. Expert Review of Vaccines, 2011, 10, 1553-1568.	4.4	83
68	HSF1 regulation of Î²-catenin in mammary cancer cells through control of HuR/elavL1 expression. Oncogene, 2015, 34, 2178-2188.	5.9	83
69	A Heat Shock Protein 70-Based Vaccine with Enhanced Immunogenicity for Clinical Use. Journal of Immunology, 2010, 184, 488-496.	0.8	80
70	Heat induced release of Hsp70 from prostate carcinoma cells involves both active secretion and passive release from necrotic cells. International Journal of Hyperthermia, 2006, 22, 575-585.	2.5	78
71	Carcinogenic epithelial-mesenchymal transition initiated by oral cancer exosomes is inhibited by anti-EGFR antibody cetuximab. Oral Oncology, 2018, 86, 251-257.	1.5	78
72	Transcriptional activity and DNA binding of heat shock factor-1 involve phosphorylation on threonine 142 by CK2. Biochemical and Biophysical Research Communications, 2003, 303, 700-706.	2.1	77

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73	How is the immune response affected by hyperthermia and heat shock proteins?. International Journal of Hyperthermia, 2005, 21, 713-716.	2.5	77
74	Oxidative Stress Impairs the Heat Stress Response and Delays Unfolded Protein Recovery. PLoS ONE, 2009, 4, e7719.	2.5	76
75	Thermal sensitivity and resistance of insulin-receptor binding. Biochimica Et Biophysica Acta - General Subjects, 1983, 756, 1-8.	2.4	75
76	T Cell Activation by Heat Shock Protein 70 Vaccine Requires TLR Signaling and Scavenger Receptor Expressed by Endothelial Cells-1. Journal of Immunology, 2009, 183, 3092-3098.	0.8	75
77	Cell surface receptors for molecular chaperones. Methods, 2007, 43, 199-206.	3.8	74
78	Heat Shock Factor 1 Represses Ras-induced Transcriptional Activation of the c-fos Gene. Journal of Biological Chemistry, 1997, 272, 26803-26806.	3.4	73
79	OSU-03012 Stimulates PKR-Like Endoplasmic Reticulum-Dependent Increases in 70-kDa Heat Shock Protein Expression, Attenuating Its Lethal Actions in Transformed Cells. Molecular Pharmacology, 2008, 73, 1168-1184.	2.3	72
80	Heat shock proteins in breast cancer progressionâ€"A suitable case for treatment?. International Journal of Hyperthermia, 2010, 26, 681-685.	2.5	71
81	Heat-shock proteins in cancer vaccines: agents of antigen cross-presentation. Expert Review of Vaccines, 2008, 7, 1019-1030.	4.4	70
82	Signal Transduction Pathways Leading to Heat Shock Transcription. Signal Transduction Insights, 2010, 2, STI.S3994.	2.0	70
83	Investigation of adenylate energy charge, phosphorylation potential, and ATP concentration in cells stressed with starvation and heat. Journal of Cellular Physiology, 1985, 124, 261-268.	4.1	69
84	Heat Shock Proteins, Autoimmunity, and Cancer Treatment. Autoimmune Diseases, 2012, 2012, 1-10.	0.6	69
85	Interactions between Extracellular Signal-regulated Protein Kinase 1, 14-3-3Ïµ, and Heat Shock Factor 1 during Stress. Journal of Biological Chemistry, 2004, 279, 49460-49469.	3.4	68
86	miRNA-720 Controls Stem Cell Phenotype, Proliferation and Differentiation of Human Dental Pulp Cells. PLoS ONE, 2013, 8, e83545.	2.5	66
87	Expression of a Dominant Negative Heat Shock Factor-1 Construct Inhibits Aneuploidy in Prostate Carcinoma Cells*. Journal of Biological Chemistry, 2004, 279, 32651-32659.	3.4	64
88	Protein Kinase A Binds and Activates Heat Shock Factor 1. PLoS ONE, 2010, 5, e13830.	2.5	64
89	Molecular Chaperone Accumulation in Cancer and Decrease in Alzheimer's Disease: The Potential Roles of HSF1. Frontiers in Neuroscience, 2017, 11, 192.	2.8	64
90	Heat Shock Proteins Are Essential Components in Transformation and Tumor Progression: Cancer Cell Intrinsic Pathways and Beyond. International Journal of Molecular Sciences, 2019, 20, 4507.	4.1	64

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91	Heat Shock Protein 90 Stabilization of ErbB2 Expression Is Disrupted by ATP Depletion in Myocytes. Journal of Biological Chemistry, 2005, 280, 13148-13152.	3.4	62
92	Autophagy, protein aggregation and hyperthermia: A mini-review. International Journal of Hyperthermia, 2011, 27, 409-414.	2.5	62
93	Triple knockdown of CDC37, HSP90â€alpha and HSP90â€beta diminishes extracellular vesiclesâ€driven malignancy events and macrophage M2 polarization in oral cancer. Journal of Extracellular Vesicles, 2020, 9, 1769373.	12.2	62
94	Heat shock stimulates the release of arachidonic acid and the synthesis of prostaglandins and leukotriene B4 in mammalian cells. Journal of Cellular Physiology, 1989, 141, 325-333.	4.1	61
95	Targeting the hsp70 gene delays mammary tumor initiation and inhibits tumor cell metastasis. Oncogene, 2015, 34, 5460-5471.	5.9	61
96	Heat stress stimulates inositol trisphosphate release and phosphorylation of phosphoinositides in CHO and Balb C 3T3 cells. Journal of Cellular Physiology, 1987, 130, 369-376.	4.1	60
97	Effects of the flavonoid drug Quercetin on the response of human prostate tumours to hyperthermia in vitro and in vivo. International Journal of Hyperthermia, 2001, 17, 347-356.	2.5	60
98	Targeting HSP70 induced thermotolerance for design of thermal sensitizers. International Journal of Hyperthermia, 2002, 18, 597-608.	2.5	59
99	Effects of hyperglycemia and hyperthermia on the pH, glycolysis, and respiration of the Yoshida sarcoma in vivo. Journal of the National Cancer Institute, 1979, 63, 1371-81.	6.3	58
100	A Novel High-Throughput 3D Screening System for EMT Inhibitors: A Pilot Screening Discovered the EMT Inhibitory Activity of CDK2 Inhibitor SU9516. PLoS ONE, 2016, 11, e0162394.	2.5	57
101	Metastasis is an early event in mouse mammary carcinomas and is associated with cells bearing stem cell markers. Breast Cancer Research, 2012, 14, R18.	5.0	56
102	Depletion of Lipid Efflux Pump ABCG1 Triggers the Intracellular Accumulation of Extracellular Vesicles and Reduces Aggregation and Tumorigenesis of Metastatic Cancer Cells. Frontiers in Oncology, 2018, 8, 376.	2.8	56
103	Role and Regulation of Myeloid Zinc Finger Protein 1 in Cancer. Journal of Cellular Biochemistry, 2015, 116, 2146-2154.	2.6	55
104	DNA Binding of Heat Shock Factor to the Heat Shock Element Is Insufficient for Transcriptional Activation in Murine Erythroleukemia Cells. Molecular and Cellular Biology, 1990, 10, 1600-1608.	2.3	55
105	Effect of hyperthermia (45 degrees C) on calcium flux in Chinese hamster ovary HA-1 fibroblasts and its potential role in cytotoxicity and heat resistance. Cancer Research, 1987, 47, 3712-7.	0.9	55
106	Regulation of heat shock gene transcription in neuronal cells. International Journal of Hyperthermia, 2005, 21, 433-444.	2.5	53
107	The 70kilodalton heat shock protein is an inhibitor of apoptosis in prostate cancer. International Journal of Hyperthermia, 2004, 20, 835-849.	2.5	52
108	The atheroprotective properties of Hsp70: a role for Hsp70-endothelial interactions?. Cell Stress and Chaperones, 2009, 14, 545-553.	2.9	52

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109	Molecular chaperones in mammary cancer growth and breast tumor therapy. Journal of Cellular Biochemistry, 2012, 113, 1096-1103.	2.6	52
110	Molecular Cochaperones: Tumor Growth and Cancer Treatment. Scientifica, 2013, 2013, 1-13.	1.7	52
111	Heat Shock Factor 1 Contains Two Functional Domains That Mediate Transcriptional Repression of the c-fos and c-fms Genes. Journal of Biological Chemistry, 2003, 278, 4687-4698.	3.4	51
112	Anti-EGFR antibody cetuximab is secreted by oral squamous cell carcinoma and alters EGF-driven mesenchymal transition. Biochemical and Biophysical Research Communications, 2018, 503, 1267-1272.	2.1	51
113	Cell fusion: from hybridoma to dendritic cell-based vaccine. Expert Review of Vaccines, 2008, 7, 1055-1068.	4.4	49
114	The functions and regulation of heat shock proteins; key orchestrators of proteostasis and the heat shock response. Archives of Toxicology, 2021, 95, 1943-1970.	4.2	49
115	Investigating Receptors for Extracellular Heat Shock Proteins. Methods in Molecular Biology, 2011, 787, 289-302.	0.9	48
116	Plasma heat shock protein 72 as a biomarker of sarcopenia in elderly people. Cell Stress and Chaperones, 2012, 17, 349-359.	2.9	48
117	Co-expression of steroid receptors (estrogen receptor alpha and/or progesterone receptors) and Her-2/neu: Clinical implications. Journal of Steroid Biochemistry and Molecular Biology, 2006, 102, 32-40.	2.5	47
118	Cell Stress Induced Stressome Release Including Damaged Membrane Vesicles and Extracellular HSP90 by Prostate Cancer Cells. Cells, 2020, 9, 755.	4.1	47
119	Salicylic acid and aspirin inhibit the activity of RSK2 kinase and repress RSK2-dependent transcription of cyclic AMP response element binding protein- and NF-kappa B-responsive genes. Journal of Immunology, 1999, 163, 5608-16.	0.8	47
120	Immunotherapy of Radioresistant Mammary Tumors with Early Metastasis Using Molecular Chaperone Vaccines Combined with Ionizing Radiation. Journal of Immunology, 2013, 191, 755-763.	0.8	46
121	Intracellular MMP3 Promotes <i>HSP</i> Gene Expression in Collaboration With Chromobox Proteins. Journal of Cellular Biochemistry, 2017, 118, 43-51.	2.6	46
122	Heat Shock Factor-1 and the Heat Shock Cognate 70 Protein Associate in High Molecular Weight Complexes in the Cytoplasm of NIH-3T3 Cells. Biochemical and Biophysical Research Communications, 1995, 213, 1-6.	2.1	45
123	Double-stranded RNA-dependent Protein Kinase (pkr) Is Essential for Thermotolerance, Accumulation of HSP70, and Stabilization of ARE-containing HSP70 mRNA during Stress. Journal of Biological Chemistry, 2002, 277, 44539-44547.	3.4	45
124	NF-IL6 and HSF1 Have Mutually Antagonistic Effects on Transcription in Monocytic Cells. Biochemical and Biophysical Research Communications, 2002, 291, 1071-1080.	2.1	45
125	Effect of hyperglycemia on blood flow, pH, and response to hyperthermia (42 degrees) of the Yoshida sarcoma in the rat. Cancer Research, 1980, 40, 4728-33.	0.9	45
126	Increased sequence-specific p53-DNA binding activity after DNA damage is attenuated by phorbol esters. Oncogene, 1993, 8, 3055-62.	5.9	45

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127	Hsp90 in Cancer. Advances in Cancer Research, 2016, 129, 89-106.	5.0	44
128	Cdc37 as a Co-chaperone to Hsp90. Sub-Cellular Biochemistry, 2015, 78, 103-112.	2.4	44
129	Members of the 70-Kilodalton Heat Shock Protein Family Contain a Highly Conserved Calmodulin-Binding Domain. Molecular and Cellular Biology, 1990, 10, 1234-1238.	2.3	44
130	A critical role for topoisomerase IIb and DNA double strand breaks in transcription. Transcription, 2016, 7, 75-83.	3.1	43
131	Scavenger Receptor SREC-I Mediated Entry of TLR4 into Lipid Microdomains and Triggered Inflammatory Cytokine Release in RAW 264.7 Cells upon LPS Activation. PLoS ONE, 2015, 10, e0122529.	2.5	43
132	TRIM28 as a novel transcriptional elongation factor. BMC Molecular Biology, 2015, 16, 14.	3.0	42
133	Hsp70 binds specifically to a peptide derived from the highly conserved domain (I) region of P53. Biochemical and Biophysical Research Communications, 1992, 184, 167-174.	2.1	41
134	Induction of cytotoxic T lymphocytes against ovarian cancerâ€initiating cells. International Journal of Cancer, 2011, 129, 1990-2001.	5.1	41
135	NOTES/Ca²⁺ Is Essential for Multistep Activation of the Heat Shock Factor in Permeabilized Cells. Molecular and Cellular Biology, 1991, 11, 3365-3368.	2.3	41
136	Heat Shock Proteins: Conditional Mediators of Inflammation in Tumor Immunity. Frontiers in Immunology, 2012, 3, 75.	4.8	40
137	Hsp90â€“peptide complexes stimulate antigen presentation through the class II pathway after binding scavenger receptor SREC-I. Immunobiology, 2014, 219, 924-931.	1.9	39
138	Extracellular Vesicles Enriched with Moonlighting Metalloproteinase Are Highly Transmissive, Pro-Tumorigenic, and Trans-Activates Cellular Communication Network Factor (CCN2/CTGF): CRISPR against Cancer. Cancers, 2020, 12, 881.	3.7	39
139	HSF1: Primary Factor in Molecular Chaperone Expression and a Major Contributor to Cancer Morbidity. Cells, 2020, 9, 1046.	4.1	38
140	Reciprocal Effects of Pro-Inflammatory Stimuli and Anti-Inflammatory Drugs on the Activity of Heat Shock Factor-1 in Human Monocytes. Biochemical and Biophysical Research Communications, 1996, 229, 479-484.	2.1	36
141	Exploring the nexus of Alzheimer's disease and related dementias with cancer and cancer therapies: A convening of the Alzheimer's Association & Alzheimer's Drug Discovery Foundation. Alzheimer's and Dementia, 2017, 13, 267-273.	0.8	35
142	Inducers of the heat shock response stimulate phospholipase C and phospholipase A2 activity in mammalian cells. Journal of Cellular Physiology, 1993, 155, 248-256.	4.1	34
143	HSF1, A Versatile Factor in Tumorogenesis. Current Molecular Medicine, 2012, 12, 1102-1107.	1.3	34
144	Antiparkinson Drug Benztropine Suppresses Tumor Growth, Circulating Tumor Cells, and Metastasis by Acting on SLC6A3/DAT and Reducing STAT3. Cancers, 2020, 12, 523.	3.7	34

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145	Protein Kinase A Regulates Molecular Chaperone Transcription and Protein Aggregation. PLoS ONE, 2011, 6, e28950.	2.5	34
146	Heat-induced transcription from RNA polymerases II and III and HSF binding activity are co-ordinately regulated by the products of the heat shock genes. Journal of Cellular Physiology, 1992, 153, 392-401.	4.1	30
147	Chaperones and slow death â€" a recipe for tumor immunotherapy. Trends in Biotechnology, 2005, 23, 57-59.	9.3	30
148	The Scavenger Receptor SREC-I Cooperates with Toll-Like Receptors to Trigger Inflammatory Innate Immune Responses. Frontiers in Immunology, 2016, 7, 226.	4.8	30
149	Cyclic AMP and the heat shock response in Chinese hamster ovary cells. Biochemical and Biophysical Research Communications, 1985, 126, 911-916.	2.1	29
150	Expression and Purification of Human Heat-Shock Transcription Factor 1. Protein Expression and Purification, 1997, 9, 27-32.	1.3	28
151	Regulatory interfaces between the stress protein response and other gene expression programs in the cell. Methods, 2005, 35, 139-148.	3.8	28
152	Antitumor Immunity Can Be Uncoupled from Autoimmunity following Heat Shock Protein 70â€"Mediated Inflammatory Killing of Normal Pancreas. Cancer Research, 2009, 69, 7767-7774.	0.9	28
153	Scavenger receptor SREC-I promotes double stranded RNA-mediated TLR3 activation in human monocytes. Immunobiology, 2015, 220, 823-832.	1.9	28
154	Emerging roles for scavenger receptor SREC-I in immunity. Cytokine, 2015, 75, 256-260.	3.2	28
155	MZF1 and SCAND1 Reciprocally Regulate CDC37 Gene Expression in Prostate Cancer. Cancers, 2019, 11, 792.	3.7	28
156	pH and Tumor Response to Hyperthermia. Advances in Radiation Biology, 1983, 10, 135-190.	0.4	28
157	The Role of Heat Shock Factors in Stress-Induced Transcription. Methods in Molecular Biology, 2011, 787, 21-32.	0.9	27
158	Tumor heterogeneity, clonal evolution, and therapy resistance: an opportunity for multitargeting therapy. Discovery Medicine, 2013, 15, 188-94.	0.5	27
159	Inhibition of heat shock gene expression does not block the development of thermotolerance. Journal of Cellular Physiology, 1992, 151, 56-62.	4.1	26
160	Development of Antigen-Specific CD8+ CTL in MHC Class I-Deficient Mice through CD4 to CD8 Conversion. Journal of Immunology, 2004, 172, 7848-7858.	0.8	25
161	In vivo hyperthermia of Yoshida tumour induces entry of non-proliferating cells into cycle. Nature, 1976, 263, 772-774.	27.8	24
162	Chemogenomic screening identifies the Hsp70 co-chaperone DNAJA1 as a hub for anticancer drug resistance. Scientific Reports, 2020, 10, 13831.	3.3	23

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163	RSK2 represses HSF1 activation during heat shock. Cell Stress and Chaperones, 2000, 5, 432.	2.9	23
164	March1-dependent modulation of donor MHC II on CD103+ dendritic cells mitigates alloimmunity. Nature Communications, 2018, 9, 3482.	12.8	22
165	Repression of the HSP70B Promoter by NFIL6, Ku70, and MAPK Involves Three Complementary Mechanisms. Biochemical and Biophysical Research Communications, 2001, 280, 280-285.	2.1	20
166	Telomerase deficiency and telomere dysfunction inhibit mammary tumors induced by polyomavirus middle T oncogene. Oncogene, 2009, 28, 4225-4236.	5.9	20
167	A Novel Model of Cancer Drug Resistance: Oncosomal Release of Cytotoxic and Antibody-Based Drugs. Biology, 2020, 9, 47.	2.8	20
168	Heat shock proteins in cell signaling and cancer. Biochimica Et Biophysica Acta - Molecular Cell Research, 2022, 1869, 119187.	4.1	20
169	Activation of phospholipase C by heat shock requires GTP analogs and is resistant to pertussis toxin. Journal of Cellular Physiology, 1993, 156, 153-159.	4.1	18
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