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List of Publications by Year
in descending order

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Version: 2024-02-01

73	6,702	126708	123241
papers	citations	33 h-index	61 g-index

77	77	77	7461
all docs	docs citations	times ranked	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.	15.2	1,497
2	Novel Signal Transduction Pathway Utilized by Extracellular HSP70. Journal of Biological Chemistry, 2002, 277, 15028-15034.	1.6	1,370
3	Heat Shock Protein 70 Surface-Positive Tumor Exosomes Stimulate Migratory and Cytolytic Activity of Natural Killer Cells. Cancer Research, 2005, 65, 5238-5247.	0.4	589
4	Tumor-Derived Heat Shock Protein 70 Peptide Complexes Are Cross-Presented by Human Dendritic Cells. Journal of Immunology, 2002, 169, 5424-5432.	0.4	255
5	Alternative Mechanism by which IFN-Î³ Enhances Tumor Recognition: Active Release of Heat Shock Protein 72. Journal of Immunology, 2005, 175, 2900-2912.	0.4	185
6	Radiation-induced effects and the immune system in cancer. Frontiers in Oncology, 2012, 2, 191.	1.3	177
7	A mouse model for triple-negative breast cancer tumor-initiating cells (TNBC-TICs) exhibits similar aggressive phenotype to the human disease. BMC Cancer, 2012, 12, 120.	1.1	173
8	Heat shock protein-containing exosomes in mid-trimester amniotic fluids. Journal of Reproductive Immunology, 2008, 79, 12-17.	0.8	165
9	HSP70 peptide-bearing and peptide-negative preparations act as chaperokines. Cell Stress and Chaperones, 2000, 5, 425.	1.2	148
10	Stress proteins and initiation of immune response: chaperokine activity of hsp72. Exercise Immunology Review, 2005, 11, 34-45.	0.4	132
11	Heat Shock Proteins and Toll-Like Receptors. Handbook of Experimental Pharmacology, 2008, , 111-127.	0.9	128
12	Stress-induced release of HSC70 from human tumors. Cellular Immunology, 2003, 222, 97-104.	1.4	124
13	Surface Expression of Hsp25 and Hsp72 Differentially Regulates Tumor Growth and Metastasis. Tumor Biology, 2004, 25, 243-251.	0.8	93
14	Chaperokine-induced signal transduction pathways. Exercise Immunology Review, 2003, 9, 25-33.	0.4	91
15	Adaptogens exert a stress-protective effect by modulation of expression of molecular chaperones. Phytomedicine, 2009, 16, 617-622.	2.3	88
16	Combined Hyperthermia and Radiotherapy for the Treatment of Cancer. Cancers, 2011, 3, 3799-3823.	1.7	88
17	Mechanisms of HSP72 release. Journal of Biosciences, 2007, 32, 579-584.	0.5	81
18	Radiation therapy induces circulating serum Hsp72 in patients with prostate cancer. Radiotherapy and Oncology, 2010, 95, 350-358.	0.3	78

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19	Tumor-Endothelial Cell Three-dimensional Spheroids: New Aspects to Enhance Radiation and Drug Therapeutics. Translational Oncology, 2011, 4, 365-IN3.	1.7	78
20	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.	1.0	77
21	Initiation of the Immune Response by Extracellular Hsp72: Chaperokine Activity of Hsp72. Current Immunology Reviews, 2006, 2, 209-215.	1.2	74
22	Cardiovascular Disease Delay in Centenarian Offspring: Role of Heat Shock Proteins. Annals of the New York Academy of Sciences, 2004, 1019, 502-505.	1.8	68
23	Serum heat shock protein 70 level as a biomarker of exceptional longevity. Mechanisms of Ageing and Development, 2006, 127, 862-868.	2.2	62
24	Petiveria alliacea extracts uses multiple mechanisms to inhibit growth of human and mouse tumoral cells. BMC Complementary and Alternative Medicine, 2008, 8, 60.	3.7	55
25	Adaptogens Stimulate Neuropeptide Y and Hsp72 Expression and Release in Neuroglia Cells. Frontiers in Neuroscience, 2012, 6, 6.	1.4	51
26	Silencing the hsp25 Gene Eliminates Migration Capability of the Highly Metastatic Murine 4T1 Breast Adenocarcinoma Cell. Tumor Biology, 2006, 27, 17-26.	0.8	50
27	Major role of HSP70 as a paracrine inducer of cytokine production in human oxidized LDL treated macrophages. Atherosclerosis, 2006, 185, 32-38.	0.4	49
28	Gallotannin-rich Caesalpinia spinosa fraction decreases the primary tumor and factors associated with poor prognosis in a murine breast cancer model. BMC Complementary and Alternative Medicine, 2013, 13, 74.	3.7	47
29	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.	1.6	45
30	Influence of Hsp70 and HLA-E on the killing of leukemic blasts by cytokine/Hsp70 peptide-activated human natural killer (NK) cells. Cell Stress and Chaperones, 2008, 13, 221-230.	1.2	43
31	Hsp70: A Chaperokine. Novartis Foundation Symposium, 2008, 291, 173-183.	1.2	42
32	Sickle cell vaso-occlusive crisis induces the release of circulating serum heat shock protein-70. American Journal of Hematology, 2005, 78, 240-242.	2.0	41
33	A Petiveria alliacea standardized fraction induces breast adenocarcinoma cell death by modulating glycolytic metabolism. Journal of Ethnopharmacology, 2014, 153, 641-649.	2.0	40
34	Chaperokine Function of Recombinant Hsp72 Produced in Insect Cells Using a Baculovirus Expression System Is Retained. Journal of Biological Chemistry, 2010, 285, 349-356.	1.6	31
35	Evaluation of molecular chaperons Hsp72 and neuropeptide Y as characteristic markers of adaptogenic activity of plant extracts. Phytomedicine, 2013, 20, 1323-1329.	2.3	31
36	Hsp72 (HSPA1A) Prevents Human Islet Amyloid Polypeptide Aggregation and Toxicity: A New Approach for Type 2 Diabetes Treatment. PLoS ONE, 2016, 11, e0149409.	1.1	27

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37	Chronic intracerebroventricular administration of Î²-endorphin augments natural killer cell cytotoxicity in rats. Regulatory Peptides, 1996, 62, 113-118.	1.9	23
38	RSK2 represses HSF1 activation during heat shock. Cell Stress and Chaperones, 2000, 5, 432.	1.2	23
39	An Hsp70 peptide initiates NK cell killing of leukemic blasts after stem cell transplantation. Leukemia Research, 2008, 32, 527-534.	0.4	22
40	SERPINE 1 Links Obesity and Diabetes: A Pilot Study. Journal of Proteomics and Bioinformatics, 2010, 03, 191-199.	0.4	20
41	Stress-induced facilitation of host response to bacterial challenge in F344 rats is dependent on extracellular heat shock protein 72 and independent of alpha beta T cells. Stress, 2012, 15, 637-646.	0.8	19
42	Silencing hsp25/hsp27 Gene Expression Augments Proteasome Activity and Increases CD8+ T-Cellâ€Mediated Tumor Killing and Memory Responses. Cancer Prevention Research, 2012, 5, 122-137.	0.7	19
43	Oral lowâ€dose chemotherapy: Successful treatment of an alveolar rhabdomyosarcoma during pregnancy. Pediatric Blood and Cancer, 2012, 58, 104-106.	0.8	19
44	Positive or Negative Involvement of Heat Shock Proteins in Multiple Sclerosis Pathogenesis. Journal of Neuropathology and Experimental Neurology, 2014, 73, 1092-1106.	0.9	19
45	Extracellular Hsp70 Enhances Mesoangioblast Migration via an Autocrine Signaling Pathway. Journal of Cellular Physiology, 2017, 232, 1845-1861.	2.0	19
46	Heat Shock Proteins and the Brain: Implications for Neurodegenerative Diseases and Neuroprotection. , 2008, , .		18
47	Heat Shock Proteins: Potent Mediators of Inflammation and Immunity. , 2007, , .		17
48	HSP70 and heat shock factor 1 cooperate to repress Ras-induced transcriptional activation of the c-fos gene. Cell Stress and Chaperones, 2000, 5, 406.	1.2	17
49	Natural immunity and chronic exercise in rats. The involvement of the spleen and the splenic nerves. Life Sciences, 1996, 58, 2137-2146.	2.0	11
50	Rapid Detection of Thymidylate Synthase Gene Expression Levels by Semi-Quantitative Competitive Reverse Transcriptase Polymerase Chain Reaction followed by Quantitative Digital Image Analysis. Tumor Biology, 1996, 17, 306-319.	0.8	10
51	Combined Lentiviral and RNAi Technologies for the Delivery and Permanent Silencing of the hsp25 Gene. Methods in Molecular Biology, 2011, 787, 121-136.	0.4	9
52	Release of Heat Shock Proteins: Passive Versus Active Release Mechanisms. , 2007, , 3-20.		8
53	Mutation detection in the human HSP70Bâ€² gene by denaturing high-performance liquid chromatography. Cell Stress and Chaperones, 2000, 5, 415.	1.2	8
54	Molecular Chaperones as Mediators of Stress Protective Effect of Plant Adaptogens. Heat Shock Proteins, 2010, , 351-364.	0.2	4

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55	Regulation of Signal Transduction by Intracellular and Extracellular Hsp70. , 2005, , 133-143.		3
56	The Chaperokine Activity of Heat Shock Proteins. Heat Shock Proteins, 2019, , 3-22.	0.2	3
57	Role of Heat Shock Protein Hsp25/27 in~the~Metastatic Spread of Cancer Cells. , 2007, , 131-140.		2
58	Role of Heat Shock Proteins in Obesity and Type 2 Diabetes. Heat Shock Proteins, 2010, , 19-29.	0.2	2
59	Internalization of exogenous ADP-ribosylation factor 6 (Arf6) proteins into cells. Molecular and Cellular Biochemistry, 2011, 354, 291-299.	1.4	2
60	Heat Shock Proteins in Triple-Negative Breast Cancer (TNBC) Treatment. Heat Shock Proteins, 2015, , 129-149.	0.2	1
61	Heat Shock Proteins and Cancer. Heat Shock Proteins, 2010, , 121-134.	0.2	1
62	Toll-Like Receptors and Infectious Diseases: Role of Heat Shock Proteins. Heat Shock Proteins, 2009, , 153-167.	0.2	1
63	Silencing of Metastasis-associated Gene 1 (Mta1) Stimulates Hsp70 Cellular Release and Neurite extension in Neuroblastoma Cells. , 2008, , 273-282.		0
64	Heat Shock Proteins and Diarrhea Causing Microorganisms: Emergence of Enteroaggregative Escherichia coli. Heat Shock Proteins, 2010, , 163-175.	0.2	0
65	Nucleolin: A Novel Intracellular Transporter of HSPA1A. Heat Shock Proteins, 2012, , 115-124.	0.2	0
66	Heat Shock Protein (HSP) 72 Enters Early Endosomes Preparatory to Cell Release. Journal of Cell Science & Therapy, 2016, 07, .	0.3	0
67	Nucleolin Transports Hsp72 to the Plasma Membrane Preparatory to its Release into the Microenvironment. Journal of Cell Science & Therapy, 2016, 07, .	0.3	0
68	Heat shock proteins in physiology and pathology: The Berlin Meeting. Cell Stress and Chaperones, 2005, preprint, 1.	1.2	0
69	Heat Shock Protein (HSP)-Based Immunotherapies. Heat Shock Proteins, 2010, , 135-149.	0.2	0
70	Quantitation of Heat-Shock Proteins in Clinical Samples Using Mass Spectrometry. Methods in Molecular Biology, 2011, 787, 165-188.	0.4	0
71	The Chaperokine Activity of HSPA1A. Heat Shock Proteins, 2012, , 201-213.	0.2	0
72	Heat Shock Proteins in Multiple Sclerosis Pathogenesis: Friend or Foe?. Heat Shock Proteins, 2015, , 151-173.	0.2	0

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73	Serum Hsp70 Level as a Biomarker of Exceptional Longevity. , 2008, , 365-370.		0