

Ruurd van der Zee

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162
papers

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h-index

106
g-index

170
ext. papers

12,671
ext. citations

7.6
avg, IF

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L-index

#	Paper	IF	Citations
162	The coronavirus spike protein is a class I virus fusion protein: structural and functional characterization of the fusion core complex. <i>Journal of Virology</i> , 2003 , 77, 8801-11	6.6	962
161	Cloning of the mycobacterial epitope recognized by T lymphocytes in adjuvant arthritis. <i>Nature</i> , 1988 , 331, 171-3	50.4	766
160	Heat-shock proteins induce T-cell regulation of chronic inflammation. <i>Nature Reviews Immunology</i> , 2005 , 5, 318-30	36.5	429
159	Induction and therapy of autoimmune diabetes in the non-obese diabetic (NOD/Lt) mouse by a 65-kDa heat shock protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990 , 87, 1576-80	11.5	416
158	Wnt signaling controls the phosphorylation status of beta-catenin. <i>Journal of Biological Chemistry</i> , 2002 , 277, 17901-5	5.4	393
157	Interleukin-4 therapy of psoriasis induces Th2 responses and improves human autoimmune disease. <i>Nature Medicine</i> , 2003 , 9, 40-6	50.5	352
156	Vaccination against autoimmune mouse diabetes with a T-cell epitope of the human 65-kDa heat shock protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 3088-91	11.5	346
155	Severe acute respiratory syndrome coronavirus (SARS-CoV) infection inhibition using spike protein heptad repeat-derived peptides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 8455-60	11.5	291
154	Prediction of sequential antigenic regions in proteins. <i>FEBS Letters</i> , 1985 , 188, 215-8	3.8	250
153	Activation of T cells recognizing self 60-kD heat shock protein can protect against experimental arthritis. <i>Journal of Experimental Medicine</i> , 1995 , 181, 943-52	16.6	225
152	Autoantibodies against heat shock protein 60 mediate endothelial cytotoxicity. <i>Journal of Clinical Investigation</i> , 1995 , 96, 2569-77	15.9	222
151	Protection against streptococcal cell wall-induced arthritis by pretreatment with the 65-kD mycobacterial heat shock protein. <i>Journal of Experimental Medicine</i> , 1989 , 170, 449-66	16.6	198
150	A conserved mycobacterial heat shock protein (hsp) 70 sequence prevents adjuvant arthritis upon nasal administration and induces IL-10-producing T cells that cross-react with the mammalian self-hsp70 homologue. <i>Journal of Immunology</i> , 2000 , 164, 2711-7	5.3	195
149	Molecular mimicry between <i>Helicobacter pylori</i> antigens and H ⁺ , K ⁺ -adenosine triphosphatase in human gastric autoimmunity. <i>Journal of Experimental Medicine</i> , 2003 , 198, 1147-56	16.6	189
148	Recognition of human 60 kD heat shock protein by mononuclear cells from patients with juvenile chronic arthritis. <i>Lancet, The</i> , 1991 , 337, 1368-72	40	187
147	Heat shock proteins generate beta-chemokines which function as innate adjuvants enhancing adaptive immunity. <i>European Journal of Immunology</i> , 2000 , 30, 594-603	6.1	183
146	Two monoclonal antibodies generated against human hsp60 show reactivity with synovial membranes of patients with juvenile chronic arthritis. <i>Journal of Experimental Medicine</i> , 1992 , 175, 1805-10	16.6	178

145	Association between the 65-kilodalton heat shock protein, <i>Streptococcus sanguis</i> , and the corresponding antibodies in Behçet's syndrome. <i>Infection and Immunity</i> , 1991 , 59, 1434-41	3.7	173
144	Carvacrol induces heat shock protein 60 and inhibits synthesis of flagellin in <i>Escherichia coli</i> O157:H7. <i>Applied and Environmental Microbiology</i> , 2007 , 73, 4484-90	4.8	172
143	The anti-inflammatory mechanisms of Hsp70. <i>Frontiers in Immunology</i> , 2012 , 3, 95	8.4	156
142	Cardiovascular risk factors and atherosclerosis in young males: ARMY study (Atherosclerosis Risk-Factors in Male Youngsters). <i>Circulation</i> , 2003 , 108, 1064-9	16.7	155
141	The human endoplasmic reticulum molecular chaperone BiP is an autoantigen for rheumatoid arthritis and prevents the induction of experimental arthritis. <i>Journal of Immunology</i> , 2001 , 166, 1492-8	5.3	155
140	Role of gamma delta T cells in pathogenesis and diagnosis of Behçet's disease. <i>Lancet, The</i> , 1996 , 347, 789-94	4.0	148
139	Do heat shock proteins control the balance of T-cell regulation in inflammatory diseases?. <i>Trends in Immunology</i> , 1998 , 19, 303-7		146
138	Induction of oral tolerance to HSP60 or an HSP60-peptide activates T cell regulation and reduces atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 2677-83	9.4	145
137	Induction of oral tolerance to oxidized low-density lipoprotein ameliorates atherosclerosis. <i>Circulation</i> , 2006 , 114, 1968-76	16.7	141
136	Cross-reactive B-cell epitopes of microbial and human heat shock protein 60/65 in atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 1060-5	9.4	132
135	Autoimmune reactions to heat-shock proteins in pristane-induced arthritis. <i>European Journal of Immunology</i> , 1990 , 20, 2479-84	6.1	122
134	Autoreactivity to human heat-shock protein 60 predicts disease remission in oligoarticular juvenile rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 1996 , 39, 1826-32		113
133	Disease inhibition by major histocompatibility complex binding peptide analogues of disease-associated epitopes: more than blocking alone. <i>Journal of Experimental Medicine</i> , 1992 , 176, 667-77	16.6	112
132	A role of Hsp60 in autoimmune diabetes: analysis in a transgenic model. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 1032-7	11.5	108
131	Mycobacterial heat-shock proteins as carrier molecules. II: The use of the 70-kDa mycobacterial heat-shock protein as carrier for conjugated vaccines can circumvent the need for adjuvants and <i>Bacillus Calmette Guérin</i> priming. <i>European Journal of Immunology</i> , 1992 , 22, 1365-72	6.1	108
130	Peptide-induced nasal tolerance for a mycobacterial heat shock protein 60 T cell epitope in rats suppresses both adjuvant arthritis and nonmicrobially induced experimental arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 3284-9	11.5	107
129	Human 60-kDa heat shock protein is a target autoantigen of T cells derived from atherosclerotic plaques. <i>Journal of Immunology</i> , 2005 , 174, 6509-17	5.3	106
128	Synovial fluid-derived <i>Yersinia</i> -reactive T cells responding to human 65-kDa heat-shock protein and heat-stressed antigen-presenting cells. <i>European Journal of Immunology</i> , 1991 , 21, 2139-43	6.1	101

127	Efficient mapping and characterization of a T cell epitope by the simultaneous synthesis of multiple peptides. <i>European Journal of Immunology</i> , 1989 , 19, 43-7	6.1	101
126	The spontaneous remission of juvenile idiopathic arthritis is characterized by CD30+ T cells directed to human heat-shock protein 60 capable of producing the regulatory cytokine interleukin-10. <i>Arthritis and Rheumatism</i> , 2003 , 48, 2001-10		99
125	Juvenile chronic arthritis: T cell reactivity to human HSP60 in patients with a favorable course of arthritis. <i>Journal of Clinical Investigation</i> , 1995 , 95, 934-40	15.9	98
124	Heat shock protein 60: specific binding of lipopolysaccharide. <i>Journal of Immunology</i> , 2005 , 174, 1298-305	5.3	89
123	Inflammation activates self hsp60-specific T cells. <i>European Journal of Immunology</i> , 1993 , 23, 33-8	6.1	82
122	NOD mouse diabetes: the ubiquitous mouse hsp60 is a beta-cell target antigen of autoimmune T cells. <i>Journal of Autoimmunity</i> , 1996 , 9, 159-66	15.5	81
121	A case of mistaken identity: HSPs are no DAMPs but DAMPERs. <i>Cell Stress and Chaperones</i> , 2012 , 17, 281-92	4	80
120	Regulatory T cells that recognize a ubiquitous stress-inducible self-antigen are long-lived suppressors of autoimmune arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 14134-9	11.5	79
119	Erratum to Dynamics of heat shock protein 60 in endothelial cells exposed to cigarette smoke extract [J. Mol. Cell. Cardiol. 51 (2011) 777-780]. <i>Journal of Molecular and Cellular Cardiology</i> , 2012 , 52, 293	5.8	78
118	Cell stress induced HSP are targets of regulatory T cells: a role for HSP inducing compounds as anti-inflammatory immuno-modulators?. <i>FEBS Letters</i> , 2007 , 581, 3716-22	3.8	72
117	Induction of IL-10 and inhibition of experimental arthritis are specific features of microbial heat shock proteins that are absent for other evolutionarily conserved immunodominant proteins. <i>Journal of Immunology</i> , 2001 , 167, 4147-53	5.3	68
116	PLGA, PLGA-TMC and TMC-TPP nanoparticles differentially modulate the outcome of nasal vaccination by inducing tolerance or enhancing humoral immunity. <i>PLoS ONE</i> , 2011 , 6, e26684	3.7	66
115	A novel heat-shock protein coinducer boosts stress protein Hsp70 to activate T cell regulation of inflammation in autoimmune arthritis. <i>Arthritis and Rheumatism</i> , 2010 , 62, 1026-35		66
114	Recognition of B-cell epitopes of the 65 kDa HSP in Behçet's disease. <i>Scandinavian Journal of Immunology</i> , 1996 , 43, 464-71	3.4	63
113	Immunopotentiating heat shock proteins: negotiators between innate danger and control of autoimmunity. <i>Vaccine</i> , 2003 , 21, 897-901	4.1	61
112	Association of serum antibodies to heat-shock protein 65 with borderline hypertension. <i>Hypertension</i> , 1997 , 29, 40-4	8.5	60
111	Autoreactive HSP60 epitope-specific T-cells in early human atherosclerotic lesions. <i>Journal of Autoimmunity</i> , 2012 , 39, 441-50	15.5	58
110	Experimental mucosal induction of uveitis with the 60-kDa heat shock protein-derived peptide 336-351. <i>European Journal of Immunology</i> , 1998 , 28, 2444-55	6.1	57

109	Highly autoproliiferative T cells specific for 60-kDa heat shock protein produce IL-4/IL-10 and IFN-gamma and are protective in adjuvant arthritis. <i>Journal of Immunology</i> , 2000 , 165, 7270-7	5.3	57
108	Epitope specificity of anti-heat shock protein 65/60 serum antibodies in atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997 , 17, 536-41	9.4	57
107	Antibodies to human HSP60 in patients with juvenile chronic arthritis, diabetes mellitus, and cystic fibrosis. <i>Pediatric Research</i> , 1993 , 34, 424-8	3.2	56
106	IL-10 is critically involved in mycobacterial HSP70 induced suppression of proteoglycan-induced arthritis. <i>PLoS ONE</i> , 2009 , 4, e4186	3.7	53
105	In vivo response of murine gamma delta T cells to a heat shock protein-derived peptide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993 , 90, 322-6	11.5	50
104	Heat-shock protein T-cell epitopes trigger a spreading regulatory control in a diversified arthritogenic T-cell response. <i>Immunological Reviews</i> , 1998 , 164, 169-74	11.3	48
103	T-cell reactivity against HSP60 relates to early but not advanced atherosclerosis. <i>Atherosclerosis</i> , 2007 , 195, 333-8	3.1	44
102	T cell reactivity to an epitope of the mycobacterial 65-kDa heat-shock protein (hsp 65) corresponds with arthritis susceptibility in rats and is regulated by hsp 65-specific cellular responses. <i>European Journal of Immunology</i> , 1991 , 21, 1289-96	6.1	44
101	Different heat shock protein 60 species share pro-inflammatory activity but not binding sites on macrophages. <i>FEBS Letters</i> , 2003 , 533, 105-9	3.8	43
100	Hsp60 in inflamed muscle tissue is the target of regulatory autoreactive T cells in patients with juvenile dermatomyositis. <i>Arthritis and Rheumatism</i> , 2008 , 58, 547-55		42
99	Heat shock protein 60: identification of specific epitopes for binding to primary macrophages. <i>FEBS Letters</i> , 2006 , 580, 115-20	3.8	41
98	Epitope specificity and MHC restriction of rheumatoid arthritis synovial T cell clones which recognize a mycobacterial 65 kDa heat shock protein. <i>International Immunology</i> , 1991 , 3, 965-72	4.9	41
97	The Enigma of Heat Shock Proteins in Immune Tolerance. <i>Frontiers in Immunology</i> , 2017 , 8, 1599	8.4	40
96	Purification of detergent-extracted Sendai virus proteins by reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1983 , 266, 577-84	4.5	39
95	Heat shock proteins induce T cell regulation of chronic inflammation. <i>Annals of the Rheumatic Diseases</i> , 2006 , 65 Suppl 3, iii65-8	2.4	38
94	The mycobacterial 65 kD heat-shock protein and autoimmune arthritis. <i>Rheumatology International</i> , 1989 , 9, 187-91	3.6	38
93	Heat shock proteins are no DAMPs, rather 'DAMPERS'. <i>Nature Reviews Immunology</i> , 2011 , 11, 565; author reply 565	36.5	37
92	Translationally controlled tumor protein from <i>Madurella mycetomatis</i> , a marker for tumorous mycetoma progression. <i>Journal of Immunology</i> , 2006 , 177, 1997-2005	5.3	37

91	Adjuvant arthritis and immunity to the mycobacterial 65 kDa heat shock protein. <i>International Immunology</i> , 1992 , 4, 719-27	4.9	37
90	Isolation of detergent-extracted Sendai virus proteins by gel-filtration, ion-exchange and reversed-phase high-performance liquid chromatography and the effect on immunological activity. <i>Journal of Chromatography A</i> , 1984 , 297, 101-9	4.5	37
89	Treatment of adjuvant-induced arthritis by oral administration of mycobacterial Hsp65 during disease. <i>Arthritis and Rheumatism</i> , 2000 , 43, 2694-702		36
88	Treg inducing adjuvants for therapeutic vaccination against chronic inflammatory diseases. <i>Frontiers in Immunology</i> , 2013 , 4, 245	8.4	34
87	Antineutrophil cytoplasmic antibodies to proteinase 3 in Wegener's granulomatosis: epitope analysis using synthetic peptides. <i>Kidney International</i> , 2001 , 59, 147-59	9.9	34
86	CDR1 T-cell receptor beta-chain peptide induces major histocompatibility complex class II-restricted T-T cell interactions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994 , 91, 5997-6001	11.5	34
85	Defining a T-cell epitope within HSP 65 in recurrent aphthous stomatitis. <i>Clinical and Experimental Immunology</i> , 2002 , 128, 318-25	6.2	33
84	T cell responses to conserved bacterial heat-shock-protein epitopes induce resistance in experimental autoimmunity. <i>Seminars in Immunology</i> , 1998 , 10, 35-41	10.7	33
83	Lipopolysaccharide (LPS)-binding synthetic peptides derived from serum amyloid P component neutralize LPS. <i>Infection and Immunity</i> , 1999 , 67, 2790-6	3.7	33
82	DEC205+ Dendritic Cell-Targeted Tolerogenic Vaccination Promotes Immune Tolerance in Experimental Autoimmune Arthritis. <i>Journal of Immunology</i> , 2015 , 194, 4804-13	5.3	32
81	Identification of atherosclerosis-associated conformational heat shock protein 60 epitopes by phage display and structural alignment. <i>Atherosclerosis</i> , 2007 , 194, 79-87	3.1	32
80	Juvenile rheumatoid arthritis patients manifest immune reactivity to the mycobacterial 65-kDa heat shock protein, to its 180-188 peptide, and to a partially homologous peptide of the proteoglycan link protein. <i>Clinical Immunology and Immunopathology</i> , 1992 , 64, 121-8		32
79	Structure and activity of proteins after reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1984 , 284, 482-6	4.5	32
78	Hsp70 expression and induction as a readout for detection of immune modulatory components in food. <i>Cell Stress and Chaperones</i> , 2010 , 15, 25-37	4	31
77	The beta 2-adrenergic agonist salbutamol potentiates oral induction of tolerance, suppressing adjuvant arthritis and antigen-specific immunity. <i>Journal of Immunology</i> , 2002 , 169, 5028-35	5.3	31
76	CD30 discriminates heat shock protein 60-induced FOXP3+ CD4+ T cells with a regulatory phenotype. <i>Journal of Immunology</i> , 2010 , 185, 2071-9	5.3	29
75	HSP60 and CpG-DNA-oligonucleotides differentially regulate LPS-tolerance of hepatic Kupffer cells. <i>Immunology Letters</i> , 2004 , 93, 199-204	4.1	28
74	Characterization of H+,K+-ATPase T cell epitopes in human autoimmune gastritis. <i>European Journal of Immunology</i> , 2003 , 33, 539-45	6.1	26

73	(Altered) self peptides and the regulation of self reactivity in the peripheral T cell pool. <i>Immunological Reviews</i> , 1996 , 149, 55-73	11.3	26
72	Arthritis protective regulatory potential of self-heat shock protein cross-reactive T cells. <i>Cell Stress and Chaperones</i> , 2000 , 5, 452-7	4	26
71	In vivo imaging of the effect of LPS on arterial endothelial cells: molecular imaging of heat shock protein 60 expression. <i>Cell Stress and Chaperones</i> , 2008 , 13, 275-85	4	25
70	In vitro T lymphocyte responses to proteinase 3 (PR3) and linear peptides of PR3 in patients with Wegener's granulomatosis (WG). <i>Clinical and Experimental Immunology</i> , 2000 , 122, 504-13	6.2	25
69	Identification of new cytotoxic T-cell epitopes on the 38-kilodalton lipoglycoprotein of Mycobacterium tuberculosis by using lipopeptides. <i>Infection and Immunity</i> , 1998 , 66, 3190-7	3.7	24
68	Stress proteins as inducers and targets of regulatory T cells in arthritis. <i>International Reviews of Immunology</i> , 2005 , 24, 181-97	4.6	23
67	Brain-derived human immunodeficiency virus-1 Tat exerts differential effects on LTR transactivation and neuroimmune activation. <i>Journal of NeuroVirology</i> , 2007 , 13, 173-84	3.9	22
66	Identification of the heat shock protein 60 epitope involved in receptor binding on macrophages. <i>FEBS Letters</i> , 2004 , 568, 65-9	3.8	22
65	Influence of amino acids of a carrier protein flanking an inserted T cell determinant on T cell stimulation. <i>International Immunology</i> , 1994 , 6, 1187-93	4.9	22
64	Efficient recognition by rat T cell clones of an epitope of mycobacterial hsp 65 inserted in Escherichia coli outer membrane protein PhoE. <i>European Journal of Immunology</i> , 1990 , 20, 2763-8	6.1	22
63	Synthetic peptides representing T-cell epitopes act as carriers in pneumococcal polysaccharide conjugate vaccines. <i>Infection and Immunity</i> , 1995 , 63, 961-8	3.7	22
62	Bystander activation of irrelevant CD4+ T cells following antigen-specific vaccination occurs in the presence and absence of adjuvant. <i>PLoS ONE</i> , 2017 , 12, e0177365	3.7	22
61	Stress proteins are used by the immune system for cognate interactions with anti-inflammatory regulatory T cells. <i>FEBS Letters</i> , 2013 , 587, 1951-8	3.8	21
60	Dynamics of heat shock protein 60 in endothelial cells exposed to cigarette smoke extract. <i>Journal of Molecular and Cellular Cardiology</i> , 2011 , 51, 777-80	5.8	21
59	A self-hsp60 peptide acts as a partial agonist inducing expression of B7-2 on mycobacterial hsp60-specific T cells: a possible mechanism for inhibitory T cell regulation of adjuvant arthritis?. <i>International Immunology</i> , 2000 , 12, 1041-50	4.9	20
58	Column liquid chromatography of integral membrane proteins. <i>Biomedical Applications</i> , 1987 , 418, 223-43		20
57	Modulation of pristane-induced arthritis by mycobacterial antigens. <i>Autoimmunity</i> , 1991 , 11, 35-43	3	19
56	Cellular and humoral reactivity pattern to the mycobacterial heat shock protein hsp65 in pristane induced arthritis susceptible and hsp65 protected DBA/1 mice. <i>Autoimmunity</i> , 1991 , 11, 89-95	3	19

55	A personal computer-based gradient system for high-performance liquid chromatography with low-pressure mixing. <i>Journal of Chromatography A</i> , 1984 , 292, 412-417	4.5	19
54	Heat shock protein expression analysis in canine osteosarcoma reveals HSP60 as a potentially relevant therapeutic target. <i>Cell Stress and Chaperones</i> , 2013 , 18, 607-22	4	18
53	Mycobacterial and mouse HSP70 have immuno-modulatory effects on dendritic cells. <i>Cell Stress and Chaperones</i> , 2013 , 18, 439-46	4	18
52	Dynamics of APC recruitment at the site of injection following injection of vaccine adjuvants. <i>Vaccine</i> , 2017 , 35, 1622-1629	4.1	17
51	Cord blood CD4+ T cells respond to self heat shock protein 60 (HSP60). <i>PLoS ONE</i> , 2011 , 6, e24119	3.7	17
50	Nasal administration of arthritis-related T cell epitopes of heat shock protein 60 as a promising way for immunotherapy in chronic arthritis. <i>Biotherapy (Dordrecht, Netherlands)</i> , 1998 , 10, 205-11		17
49	HSP-derived peptides inducing uveitis and IgG and IgA antibodies. <i>Experimental Eye Research</i> , 1998 , 67, 719-27	3.7	17
48	Cellular and humoral reactivity pattern to the mycobacterial heat shock protein HSP65 in adjuvant arthritis susceptible and resistant Wistar rats. <i>Autoimmunity</i> , 1991 , 9, 1-5	3	17
47	GG-Derived Soluble Mediators Modulate Adaptive Immune Cells. <i>Frontiers in Immunology</i> , 2018 , 9, 1546	8.4	16
46	An Arthritis-Suppressive and Treg Cell-Inducing CD4+ T Cell Epitope Is Functional in the Context of HLA-Restricted T Cell Responses. <i>Arthritis and Rheumatology</i> , 2016 , 68, 639-47	9.5	15
45	APL-1, an altered peptide ligand derived from human heat-shock protein 60, selectively induces apoptosis in activated CD4+ CD25+ T cells from peripheral blood of rheumatoid arthritis patients. <i>International Immunopharmacology</i> , 2013 , 17, 1075-83	5.8	15
44	Membrane-bound metallothionein 1 of murine dendritic cells promotes the expansion of regulatory T cells in vitro. <i>Toxicological Sciences</i> , 2014 , 138, 69-75	4.4	15
43	Heat shock proteins are therapeutic targets in autoimmune diseases and other chronic inflammatory conditions. <i>Expert Opinion on Therapeutic Targets</i> , 2012 , 16, 849-57	6.4	15
42	Epitopes of Mycobacterium avium ssp. paratuberculosis 70kDa heat-shock protein activate bovine helper T cells in outbred cattle. <i>Vaccine</i> , 2010 , 28, 5910-9	4.1	15
41	Cross-sectional and longitudinal analysis of myelin-reactive T cells in patients with multiple sclerosis. <i>Journal of Neurology</i> , 2004 , 251, 1111-20	5.5	15
40	Heat shock proteins can be targets of regulatory T cells for therapeutic intervention in rheumatoid arthritis. <i>International Journal of Hyperthermia</i> , 2013 , 29, 448-54	3.7	14
39	Routing dependent immune responses after experimental R848-adjuvanted vaccination. <i>Vaccine</i> , 2018 , 36, 1405-1413	4.1	13
38	Tolerogenic dendritic cells that inhibit autoimmune arthritis can be induced by a combination of carvacrol and thermal stress. <i>PLoS ONE</i> , 2012 , 7, e46336	3.7	13

37	Changes in the reproductive system of male mice immunized with a GnRH-analogue conjugated to mycobacterial hsp70. <i>Reproduction</i> , 2004 , 128, 365-71	3.8	12
36	Susceptibility of malignant plasma cells to HA-1(H) specific lysis suggests a role for the minor histocompatibility antigen HA-1 in the graft-versus-myeloma effect. <i>Leukemia</i> , 2004 , 18, 1543-5	10.7	12
35	Natural antibodies to 65 kD mycobacterial heat shock protein in rats do not correlate with susceptibility for Mycobacterium tuberculosis induced adjuvant arthritis. <i>Immunobiology</i> , 1991 , 182, 127-34	3.4	12
34	Regulatory T cell frequencies and phenotypes following anti-viral vaccination. <i>PLoS ONE</i> , 2017 , 12, e0179942	3.7	12
33	Comparison of reversed-phase column materials for high-performance liquid chromatography of proteins. <i>Journal of Chromatography A</i> , 1986 , 368, 283-9	4.5	11
32	Microbore reversed-phase chromatography of proteins with conventional gradient equipment for high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1985 , 325, 187-94	4.5	10
31	Molecular sieving during reversed-phase high-performance liquid chromatography of proteins. <i>Journal of Chromatography A</i> , 1982 , 244, 134-136	4.5	10
30	Antigenicity of bovine ribonuclease modified at tyrosine or arginine residues. <i>FEBS Journal</i> , 1977 , 77, 125-31		10
29	Cellular and humoral immunity to the 60-kD heat shock protein in inflammatory bowel disease. <i>Digestion</i> , 1997 , 58, 469-75	3.6	8
28	T-cell epitopes recognized within the 65,000 MW hsp in patients with IgA nephropathy. <i>Immunology</i> , 1997 , 91, 399-405	7.8	8
27	Heat-shock proteins as antigens in autoimmunity. <i>Biochemical Society Transactions</i> , 1991 , 19, 171-5	5.1	8
26	High-performance liquid chromatography of Sendai virus membrane proteins. <i>TrAC - Trends in Analytical Chemistry</i> , 1986 , 5, 225-230	14.6	8
25	Experimental immunization with anti-rheumatic bacterial extract OM-89 induces T cell responses to heat shock protein (hsp)60 and hsp70; modulation of peripheral immunological tolerance as its possible mode of action in the treatment of rheumatoid arthritis (RA). <i>Clinical and Experimental Immunology</i> , 1997 , 110, 72-8	6.2	8
24	T cell recognition of naturally presented epitopes of self-heat shock protein 70. <i>Cell Stress and Chaperones</i> , 2014 , 19, 569-78	4	7
23	Marked enhancement of the antigen-specific immune response by combining plasmid DNA-based immunization with a Schiff base-forming drug. <i>Infection and Immunity</i> , 2002 , 70, 6652-7	3.7	7
22	Tolerance to an arthritogenic T-cell epitope of HSP65 and the regulation of experimental arthritis. <i>Annals of the New York Academy of Sciences</i> , 1996 , 778, 425-6	6.5	7
21	Antigen-activated T cells inhibit cartilage proteoglycan synthesis independently of T-cell proliferation. <i>Scandinavian Journal of Immunology</i> , 1992 , 36, 733-43	3.4	7
20	Immunogenicity of a mycobacterial T-cell epitope expressed in outer membrane protein PhoE of Escherichia coli. <i>Vaccine</i> , 1994 , 12, 406-9	4.1	6

19	Detection of sendai virus protein by reversed-phase high-performance liquid chromatography combined with immuno-chromatography. <i>Journal of Chromatography A</i> , 1985 , 327, 377-80	4.5	6
18	Generation of the First TCR Transgenic Mouse with CD4(+) T Cells Recognizing an Anti-inflammatory Regulatory T Cell-Inducing Hsp70 Peptide. <i>Frontiers in Immunology</i> , 2016 , 7, 90	8.4	6
17	The immunology of cellular stress proteins. <i>Frontiers in Immunology</i> , 2013 , 4, 153	8.4	5
16	Intradermal injection of Hsp60 induces cytokine responses in canine atopic and healthy skin. <i>Cell Stress and Chaperones</i> , 2008 , 13, 387-91	4	5
15	Antirheumatic E. coli extract OM-89 induces T cell responses to HSP60 and 70. <i>International Journal of Immunopharmacology</i> , 1997 , 19, 565-8		4
14	Response of a murine epidermal V gamma 1/V delta 6-TCR+ hybridoma to heat shock protein HSP-60. <i>Journal of Investigative Dermatology</i> , 1994 , 103, 544-6	4.3	4
13	Towards peptide immunotherapy in rheumatoid arthritis: competitor-modulator concept. <i>Journal of Autoimmunity</i> , 1992 , 5 Suppl A, 205-8	15.5	4
12	In Vivo Induction of Functionally Suppressive Induced Regulatory T Cells from CD4+CD25- T Cells Using an Hsp70 Peptide. <i>PLoS ONE</i> , 2015 , 10, e0128373	3.7	4
11	Heat shock proteins generate chemokines which function as innate adjuvants enhancing adaptive immunity 2000 , 30, 594		3
10	Epitope mapping of monoclonal antibodies directed to aminopeptidase A and their relevance for albuminuria in mice. <i>Nephron Experimental Nephrology</i> , 2003 , 94, e25-34		2
9	Anti-T-cell receptor peptide specific T-cells and adjuvant arthritis. <i>Annals of the New York Academy of Sciences</i> , 1995 , 756, 227-8	6.5	2
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2	HSP70 Is a Major Contributor to the MHCII Ligandome and Inducer of Regulatory T Cells. <i>Heat Shock Proteins</i> , 2018 , 163-171	0.2	

- 1 Heat-shock proteins in arthritis research **1996**, 1651-1659