Femke Broere

List of Publications by Year
in descending order

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82	2,852	172457	189892
papers	citations	29 h-index	50 g-index

83	83	83	4465
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improving solubility and chemical stability of natural compounds for medicinal use by incorporation into liposomes. International Journal of Pharmaceutics, 2011, 416, 433-442.	5.2	278
2	The anti-inflammatory mechanisms of Hsp70. Frontiers in Immunology, 2012, 3, 95.	4.8	204
3	Nasal vaccination with N-trimethyl chitosan and PLGA based nanoparticles: Nanoparticle characteristics determine quality and strength of the antibody response in mice against the encapsulated antigen. Vaccine, 2010, 28, 6282-6291.	3.8	176
4	Regulatory T cells that recognize a ubiquitous stress-inducible self-antigen are long-lived suppressors of autoimmune arthritis. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 14134-14139.	7.1	104
5	Functional CD25â€“ and CD25+ mucosal regulatory Tâ€„cells are induced in gut-draining lymphoid tissue within 48â€„h after oral antigen application. European Journal of Immunology, 2003, 33, 2801-2810.	2.9	101
6	A case of mistaken identity: HSPs are no DAMPs but DAMPERs. Cell Stress and Chaperones, 2012, 17, 281-292.	2.9	91
7	Cell stress induced HSP are targets of regulatory T cells: A role for HSP inducing compounds as antiâ€inflammatory immunoâ€modulators?. FEBS Letters, 2007, 581, 3716-3722.	2.8	87
8	Autologous stem cell transplantation aids autoimmune patients by functional renewal and TCR diversification of regulatory T cells. Blood, 2016, 127, 91-101.	1.4	87
9	A novel heatâ€shock protein coinducer boosts stress protein Hsp70 to activate T cell regulation of inflammation in autoimmune arthritis. Arthritis and Rheumatism, 2010, 62, 1026-1035.	6.7	77
10	PLGA, PLGA-TMC and TMC-TPP Nanoparticles Differentially Modulate the Outcome of Nasal Vaccination by Inducing Tolerance or Enhancing Humoral Immunity. PLoS ONE, 2011, 6, e26684.	2.5	73
11	The Enigma of Heat Shock Proteins in Immune Tolerance. Frontiers in Immunology, 2017, 8, 1599.	4.8	60
12	IL-10 Is Critically Involved in Mycobacterial HSP70 Induced Suppression of Proteoglycan-Induced Arthritis. PLoS ONE, 2009, 4, e4186.	2.5	57
13	Minimum information about tolerogenic antigen-presenting cells (MITAP): a first step towards reproducibility and standardisation of cellular therapies. PeerJ, 2016, 4, e2300.	2.0	55
14	Oral or Nasal Antigen Induces Regulatory T Cells That Suppress Arthritis and Proliferation of Arthritogenic T Cells in Joint Draining Lymph Nodes. Journal of Immunology, 2008, 181, 899-906.	0.8	51
15	Critical proinflammatory role of thymic stromal lymphopoietin and its receptor in experimental autoimmune arthritis. Arthritis and Rheumatism, 2011, 63, 1878-1887.	6.7	51
16	Heat shock proteins are no DAMPs, rather 'DAMPERs'. Nature Reviews Immunology, 2011, 11, 565-565.	22.7	48
17	Hollow microneedle-mediated intradermal delivery of model vaccine antigen-loaded PLGA nanoparticles elicits protective T cell-mediated immunity to an intracellular bacterium. Journal of Controlled Release, 2017, 266, 27-35.	9.9	48
18	Lipidoid-polymer hybrid nanoparticles loaded with TNF siRNA suppress inflammation after intra-articular administration in a murine experimental arthritis model. European Journal of Pharmaceutics and Biopharmaceutics, 2019, 142, 38-48.	4.3	46

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19	The bacterial and fungal microbiome of the skin of healthy dogs and dogs with atopic dermatitis and the impact of topical antimicrobial therapy, an exploratory study. Veterinary Microbiology, 2019, 229, 90-99.	1.9	46
20	DEC205+ Dendritic Cellâ€“Targeted Tolerogenic Vaccination Promotes Immune Tolerance in Experimental Autoimmune Arthritis. Journal of Immunology, 2015, 194, 4804-4813.	0.8	45
21	Cyclooxygenase-2 in mucosal DC mediates induction of regulatory T cells in the intestine through suppression of IL-4. Mucosal Immunology, 2009, 2, 254-264.	6.0	43
22	Peritoneal cavity Bâ€1a cells promote peripheral CD4⁺ Tâ€cell activation. European Journal of Immunology, 2013, 43, 2317-2326.	2.9	43
23	Treg inducing adjuvants for therapeutic vaccination against chronic inflammatory diseases. Frontiers in Immunology, 2013, 4, 245.	4.8	41
24	Hsp70 expression and induction as a readout for detection of immune modulatory components in food. Cell Stress and Chaperones, 2010, 15, 25-37.	2.9	36
25	CD62LnegCD38+ Expression on Circulating CD4+ T Cells Identifies Mucosally Differentiated Cells in Protein Fed Mice and in Human Celiac Disease Patients and Controls. American Journal of Gastroenterology, 2011, 106, 1147-1159.	0.4	36
26	Activated Peritoneal Cavity B-1a Cells Possess Regulatory B Cell Properties. PLoS ONE, 2014, 9, e88869.	2.5	35
27	Naive transgenic T cells expressing cartilage proteoglycan-specific TCR induce arthritis upon in vivo activation. Journal of Autoimmunity, 2005, 25, 172-180.	6.5	33
28	Bystander activation of irrelevant CD4+ T cells following antigen-specific vaccination occurs in the presence and absence of adjuvant. PLoS ONE, 2017, 12, e0177365.	2.5	33
29	Stress proteins are used by the immune system for cognate interactions with antiâ€inflammatory regulatory T cells. FEBS Letters, 2013, 587, 1951-1958.	2.8	31
30	Dynamics of APC recruitment at the site of injection following injection of vaccine adjuvants. Vaccine, 2017, 35, 1622-1629.	3.8	31
31	Mesenchymal stem cell therapy in proteoglycan induced arthritis. Annals of the Rheumatic Diseases, 2015, 74, 769-777.	0.9	29
32	Two canine CD1a proteins are differentially expressed in skin. Immunogenetics, 2008, 60, 315-324.	2.4	28
33	<scp>CD</scp>4⁺ and <scp>CD</scp>8⁺ skinâ€associated TÂlymphocytes in canine atopic dermatitis produce interleukinâ€13, interleukinâ€22 and interferonâ€Î³ and contain a <scp>CD</scp>25⁺FoxP3⁺ subset. Veterinary Dermatology, 2014, 25, 456.	1.2	27
34	Altered lipid properties of the stratum corneum in Canine Atopic Dermatitis. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 526-533.	2.6	27
35	Immunogenicity Testing of Lipidoids InÂVitro and In Silico: Modulating Lipidoid-Mediated TLR4 Activation by Nanoparticle Design. Molecular Therapy - Nucleic Acids, 2018, 11, 159-169.	5.1	27
36	Lactobacillus rhamnosus GG-Derived Soluble Mediators Modulate Adaptive Immune Cells. Frontiers in Immunology, 2018, 9, 1546.	4.8	26

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37	Autoantigen-Specific IL-10-Transduced T Cells Suppress Chronic Arthritis by Promoting the Endogenous Regulatory IL-10 Response. Journal of Immunology, 2008, 180, 1373-1381.	0.8	25
38	Hsp70 and NF-kB Mediated Control of Innate Inflammatory Responses in a Canine Macrophage Cell Line. International Journal of Molecular Sciences, 2020, 21, 6464.	4.1	25
39	PLGA nanoparticles enhance the expression of retinaldehyde dehydrogenase enzymes in dendritic cells and induce FoxP3+ T-cells in vitro. Journal of Controlled Release, 2013, 168, 35-40.	9.9	24
40	Mycobacterial and mouse HSP70 have immuno-modulatory effects on dendritic cells. Cell Stress and Chaperones, 2013, 18, 439-446.	2.9	22
41	Matured Tolerogenic Dendritic Cells Effectively Inhibit Autoantigen Specific CD4+ T Cells in a Murine Arthritis Model. Frontiers in Immunology, 2019, 10, 2068.	4.8	22
42	Heat Shock Proteins Can Be Surrogate Autoantigens for Induction of Antigen Specific Therapeutic Tolerance in Rheumatoid Arthritis. Frontiers in Immunology, 2019, 10, 279.	4.8	22
43	Membrane-Bound Metallothionein 1 of Murine Dendritic Cells Promotes the Expansion of Regulatory T Cells In Vitro. Toxicological Sciences, 2014, 138, 69-75.	3.1	21
44	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. International Immunopharmacology, 2013, 17, 1075-1083.	3.8	19
45	An Arthritisâ€Suppressive and Treg Cellâ€“Inducing CD4+ T Cell Epitope Is Functional in the Context of HLAâ€Restricted T Cell Responses. Arthritis and Rheumatology, 2016, 68, 639-647.	5.6	18
46	Targeting of tolerogenic dendritic cells towards heatâ€shock proteins: a novel therapeutic strategy for autoimmune diseases?. Immunology, 2018, 153, 51-59.	4.4	18
47	APL1, an altered peptide ligand derived from human heat-shock protein 60, increases the frequency of Tregs and its suppressive capacity against antigen responding effector CD4â€‰+â€‰T cells from rheumatoid arthritis patients. Cell Stress and Chaperones, 2016, 21, 735-744.	2.9	17
48	Routing dependent immune responses after experimental R848-adjuvated vaccination. Vaccine, 2018, 36, 1405-1413.	3.8	17
49	Targeting of tolerogenic dendritic cells to heat-shock proteins in inflammatory arthritis. Journal of Translational Medicine, 2019, 17, 375.	4.4	17
50	Regulatory T cell frequencies and phenotypes following anti-viral vaccination. PLoS ONE, 2017, 12, e0179942.	2.5	17
51	Heat shock proteins are therapeutic targets in autoimmune diseases and other chronic inflammatory conditions. Expert Opinion on Therapeutic Targets, 2012, 16, 849-857.	3.4	16
52	Surface coating of siRNAâ€“peptidomimetic nano-self-assemblies with anionic lipid bilayers: enhanced gene silencing and reduced adverse effects in vitro. Nanoscale, 2015, 7, 19687-19698.	5.6	16
53	The Interplay between Salmonella and Intestinal Innate Immune Cells in Chickens. Pathogens, 2021, 10, 1512.	2.8	16
54	Heat shock proteins can be targets of regulatory T cells for therapeutic intervention in rheumatoid arthritis. International Journal of Hyperthermia, 2013, 29, 448-454.	2.5	15

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55	Tolerogenic Dendritic Cells That Inhibit Autoimmune Arthritis Can Be Induced by a Combination of Carvacrol and Thermal Stress. PLoS ONE, 2012, 7, e46336.	2.5	15
56	Brief Report: Autologous Stem Cell Transplantation Restores Immune Tolerance in Experimental Arthritis by Renewal and Modulation of the Teff Cell Compartment. Arthritis and Rheumatology, 2014, 66, 350-356.	5.6	12
57	Immunization of young heifers with staphylococcal immune evasion proteins before natural exposure to Staphylococcus aureus induces a humoral immune response in serum and milk. BMC Veterinary Research, 2019, 15, 15.	1.9	11
58	Nanoparticles for Inducing Antigen-Specific T Cell Tolerance in Autoimmune Diseases. Frontiers in Immunology, 2022, 13, 864403.	4.8	11
59	Early Events in Antigen-Specific Regulatory T Cell Induction via Nasal and Oral Mucosa. Annals of the New York Academy of Sciences, 2004, 1029, 385-389.	3.8	10
60	Complement regulatory protein Crry/p65 costimulation expands natural Treg cells with enhanced suppressive properties in proteoglycan-induced arthritis. Arthritis and Rheumatism, 2011, 63, 1562-1572.	6.7	9
61	Distribution patterns of mucosally applied particles and characterization of the antigen presenting cells. Avian Pathology, 2015, 44, 222-229.	2.0	9
62	Activation of Canine, Mouse and Human TLR2 and TLR4 by Inactivated Leptospira Vaccine Strains. Frontiers in Immunology, 2022, 13, 823058.	4.8	9
63	Generation of the First TCR Transgenic Mouse with CD4+ T Cells Recognizing an Anti-inflammatory Regulatory T Cell-Inducing Hsp70 Peptide. Frontiers in Immunology, 2016, 7, 90.	4.8	8
64	The Immunomodulatory Potential of tolDCs Loaded with Heat Shock Proteins. Frontiers in Immunology, 2017, 8, 1690.	4.8	8
65	T cell recognition of naturally presented epitopes of self-heat shock protein 70. Cell Stress and Chaperones, 2014, 19, 569-578.	2.9	7
66	T Cell-Mediated Chronic Inflammatory Diseases Are Candidates for Therapeutic Tolerance Induction with Heat Shock Proteins. Frontiers in Immunology, 2017, 8, 1408.	4.8	7
67	A canine keratinocyte cell line expresses antimicrobial peptide and cytokine genes upon stimulation with bacteria, microbial ligands and recombinant cytokines. Veterinary Immunology and Immunopathology, 2018, 206, 35-40.	1.2	7
68	Efficacy of subcutaneous allergen immunotherapy in atopic dogs: A retrospective study of 664 cases. Veterinary Dermatology, 2022, 33, 321.	1.2	7
69	Tandem repeats modify the structure of the canine <scp>CD</scp>1<scp>D</scp> gene. Animal Genetics, 2013, 44, 352-355.	1.7	6
70	Leucinostatin acts as a co-inducer for heat shock protein 70 in cultured canine retinal pigment epithelial cells. Cell Stress and Chaperones, 2020, 25, 235-243.	2.9	6
71	Retinoic Acid-Containing Liposomes for the Induction of Antigen-Specific Regulatory T Cells as a Treatment for Autoimmune Diseases. Pharmaceutics, 2021, 13, 1949.	4.5	6
72	Tuning Surface Charges of Peptide Nanofibers for Induction of Antigen-Specific Immune Tolerance: An Introductory Study. Journal of Pharmaceutical Sciences, 2022, 111, 1004-1011.	3.3	6

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73	New cohorts of naive T cells exacerbate ongoing allergy but can be suppressed by regulatory T cells. Allergy: European Journal of Allergy and Clinical Immunology, 2005, 60, 1530-1536.	5.7	5
74	The immunostimulatory effect of CpG oligodeoxynucleotides on peripheral blood mononuclear cells of healthy dogs and dogs with atopic dermatitis. Veterinary Journal, 2014, 200, 103-108.	1.7	5
75	In Vivo Induction of Functionally Suppressive Induced Regulatory T Cells from CD4+CD25- T Cells Using an Hsp70 Peptide. PLoS ONE, 2015, 10, e0128373.	2.5	5
76	Cartilage proteoglycan-specific T cells as vectors of immunomodulatory biologicals in chronic proteoglycan-induced arthritis. Molecular Immunology, 2008, 45, 3526-3535.	2.2	4
77	Modulating albumin-mediated transport of peptide-drug conjugates for antigen-specific Treg induction. Journal of Controlled Release, 2022, 348, 938-950.	9.9	3
78	Knee Joint Distraction in a Dog as Treatment for Severe Osteoarthritis. VCOT Open, 2022, 05, e11-e17.	0.2	2
79	Novel insights in antimicrobial and immunomodulatory mechanisms of action of PepBiotics CR-163 and CR-172. Journal of Global Antimicrobial Resistance, 2022, 30, 406-413.	2.2	2
80	Heat Shock Proteins. , 2017, , 813-830.		1
81	HSP Reactive T Cells are Anti-Inflammatory and Disease Suppressive in Arthritic Diseases. Heat Shock Proteins, 2010, , 85-101.	0.2	0
82	HSP70 Is a Major Contributor to the MHCII Ligandome and Inducer of Regulatory T Cells. Heat Shock Proteins, 2018, , 163-171.	0.2	0