

Femke Broere

List of Publications by Year in descending order

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Version: 2024-02-01

82
papers

2,852
citations

172457

29
h-index

189892

50
g-index

83
all docs

83
docs citations

83
times ranked

4465
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning Surface Charges of Peptide Nanofibers for Induction of Antigen-Specific Immune Tolerance: An Introductory Study. <i>Journal of Pharmaceutical Sciences</i> , 2022, 111, 1004-1011.	3.3	6
2	Knee Joint Distraction in a Dog as Treatment for Severe Osteoarthritis. <i>VCOT Open</i> , 2022, 05, e11-e17.	0.2	2
3	Nanoparticles for Inducing Antigen-Specific T Cell Tolerance in Autoimmune Diseases. <i>Frontiers in Immunology</i> , 2022, 13, 864403.	4.8	11
4	Activation of Canine, Mouse and Human TLR2 and TLR4 by Inactivated <i>Leptospira</i> Vaccine Strains. <i>Frontiers in Immunology</i> , 2022, 13, 823058.	4.8	9
5	Efficacy of subcutaneous allergen immunotherapy in atopic dogs: A retrospective study of 664 cases. <i>Veterinary Dermatology</i> , 2022, 33, 321.	1.2	7
6	Novel insights in antimicrobial and immunomodulatory mechanisms of action of PepBiotics CR-163 and CR-172. <i>Journal of Global Antimicrobial Resistance</i> , 2022, 30, 406-413.	2.2	2
7	Modulating albumin-mediated transport of peptide-drug conjugates for antigen-specific Treg induction. <i>Journal of Controlled Release</i> , 2022, 348, 938-950.	9.9	3
8	Retinoic Acid-Containing Liposomes for the Induction of Antigen-Specific Regulatory T Cells as a Treatment for Autoimmune Diseases. <i>Pharmaceutics</i> , 2021, 13, 1949.	4.5	6
9	The Interplay between <i>Salmonella</i> and Intestinal Innate Immune Cells in Chickens. <i>Pathogens</i> , 2021, 10, 1512.	2.8	16
10	Hsp70 and NF- κ B Mediated Control of Innate Inflammatory Responses in a Canine Macrophage Cell Line. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6464.	4.1	25
11	Leucinostatin acts as a co-inducer for heat shock protein 70 in cultured canine retinal pigment epithelial cells. <i>Cell Stress and Chaperones</i> , 2020, 25, 235-243.	2.9	6
12	Matured Tolerogenic Dendritic Cells Effectively Inhibit Autoantigen Specific CD4+ T Cells in a Murine Arthritis Model. <i>Frontiers in Immunology</i> , 2019, 10, 2068.	4.8	22
13	Immunization of young heifers with staphylococcal immune evasion proteins before natural exposure to <i>Staphylococcus aureus</i> induces a humoral immune response in serum and milk. <i>BMC Veterinary Research</i> , 2019, 15, 15.	1.9	11
14	Lipidoid-polymer hybrid nanoparticles loaded with TNF siRNA suppress inflammation after intra-articular administration in a murine experimental arthritis model. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 38-48.	4.3	46
15	Heat Shock Proteins Can Be Surrogate Autoantigens for Induction of Antigen Specific Therapeutic Tolerance in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2019, 10, 279.	4.8	22
16	Targeting of tolerogenic dendritic cells to heat-shock proteins in inflammatory arthritis. <i>Journal of Translational Medicine</i> , 2019, 17, 375.	4.4	17
17	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. <i>Veterinary Microbiology</i> , 2019, 229, 90-99.	1.9	46
18	Routing dependent immune responses after experimental R848-adjuvated vaccination. <i>Vaccine</i> , 2018, 36, 1405-1413.	3.8	17

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19	Altered lipid properties of the stratum corneum in Canine Atopic Dermatitis. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 526-533.	2.6	27
20	Targeting of tolerogenic dendritic cells towards heat shock proteins: a novel therapeutic strategy for autoimmune diseases?. <i>Immunology</i> , 2018, 153, 51-59.	4.4	18
21	A canine keratinocyte cell line expresses antimicrobial peptide and cytokine genes upon stimulation with bacteria, microbial ligands and recombinant cytokines. <i>Veterinary Immunology and Immunopathology</i> , 2018, 206, 35-40.	1.2	7
22	Immunogenicity Testing of Lipidoids In Vitro and In Silico: Modulating Lipidoid-Mediated TLR4 Activation by Nanoparticle Design. <i>Molecular Therapy - Nucleic Acids</i> , 2018, 11, 159-169.	5.1	27
23	<i>Lactobacillus rhamnosus</i> GG-Derived Soluble Mediators Modulate Adaptive Immune Cells. <i>Frontiers in Immunology</i> , 2018, 9, 1546.	4.8	26
24	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	0
25	Dynamics of APC recruitment at the site of injection following injection of vaccine adjuvants. <i>Vaccine</i> , 2017, 35, 1622-1629.	3.8	31
26	Hollow microneedle-mediated intradermal delivery of model vaccine antigen-loaded PLGA nanoparticles elicits protective T cell-mediated immunity to an intracellular bacterium. <i>Journal of Controlled Release</i> , 2017, 266, 27-35.	9.9	48
27	Heat Shock Proteins. , 2017, , 813-830.		1
28	T Cell-Mediated Chronic Inflammatory Diseases Are Candidates for Therapeutic Tolerance Induction with Heat Shock Proteins. <i>Frontiers in Immunology</i> , 2017, 8, 1408.	4.8	7
29	The Enigma of Heat Shock Proteins in Immune Tolerance. <i>Frontiers in Immunology</i> , 2017, 8, 1599.	4.8	60
30	The Immunomodulatory Potential of tolDCs Loaded with Heat Shock Proteins. <i>Frontiers in Immunology</i> , 2017, 8, 1690.	4.8	8
31	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.	2.5	33
32	Regulatory T cell frequencies and phenotypes following anti-viral vaccination. <i>PLoS ONE</i> , 2017, 12, e0179942.	2.5	17
33	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.	4.8	8
34	Autologous stem cell transplantation aids autoimmune patients by functional renewal and TCR diversification of regulatory T cells. <i>Blood</i> , 2016, 127, 91-101.	1.4	87
35	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, 639-647.	5.6	18
36	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 CD4+ T cells from rheumatoid arthritis patients. <i>Cell Stress and Chaperones</i> , 2016, 21, 735-744.	2.9	17

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37	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
38	Surface coating of siRNA-encapsulated 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
39	Distribution patterns of mucosally applied particles and characterization of the antigen presenting cells. Avian Pathology, 2015, 44, 222-229.	2.0	9
40	DEC205+ Dendritic Cell-Mediated Targeted Tolerogenic Vaccination Promotes Immune Tolerance in Experimental Autoimmune Arthritis. Journal of Immunology, 2015, 194, 4804-4813.	0.8	45
41	Mesenchymal stem cell therapy in proteoglycan induced arthritis. Annals of the Rheumatic Diseases, 2015, 74, 769-777.	0.9	29
42	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
43	CD4+ and CD8+ skin-associated T lymphocytes in canine atopic dermatitis produce interleukin-13, interleukin-22 and interferon- γ and contain a CD25+FoxP3+ subset. Veterinary Dermatology, 2014, 25, 456.	1.2	27
44	Brief Report: Autologous Stem Cell Transplantation Restores Immune Tolerance in Experimental Arthritis by Renewal and Modulation of the Treg Cell Compartment. Arthritis and Rheumatology, 2014, 66, 350-356.	5.6	12
45	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
46	T cell recognition of naturally presented epitopes of self-heat shock protein 70. Cell Stress and Chaperones, 2014, 19, 569-578.	2.9	7
47	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
48	Activated Peritoneal Cavity B-1a Cells Possess Regulatory B Cell Properties. PLoS ONE, 2014, 9, e88869.	2.5	35
49	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
50	Tandem repeats modify the structure of the canine CD1D gene. Animal Genetics, 2013, 44, 352-355.	1.7	6
51	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
52	Mycobacterial and mouse HSP70 have immuno-modulatory effects on dendritic cells. Cell Stress and Chaperones, 2013, 18, 439-446.	2.9	22
53	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
54	Stress proteins are used by the immune system for cognate interactions with anti-inflammatory regulatory T cells. FEBS Letters, 2013, 587, 1951-1958.	2.8	31

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55	Treg inducing adjuvants for therapeutic vaccination against chronic inflammatory diseases. <i>Frontiers in Immunology</i> , 2013, 4, 245.	4.8	41
56	Peritoneal cavity B α 1a cells promote peripheral CD4 ⁺ T α cell activation. <i>European Journal of Immunology</i> , 2013, 43, 2317-2326.	2.9	43
57	The anti-inflammatory mechanisms of Hsp70. <i>Frontiers in Immunology</i> , 2012, 3, 95.	4.8	204
58	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, 14134-14139.	7.1	104
59	Heat shock proteins are therapeutic targets in autoimmune diseases and other chronic inflammatory conditions. <i>Expert Opinion on Therapeutic Targets</i> , 2012, 16, 849-857.	3.4	16
60	A case of mistaken identity: HSPs are no DAMPs but DAMPERs. <i>Cell Stress and Chaperones</i> , 2012, 17, 281-292.	2.9	91
61	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.	2.5	15
62	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.	2.5	73
63	Heat shock proteins are no DAMPs, rather 'DAMPERS'. <i>Nature Reviews Immunology</i> , 2011, 11, 565-565.	22.7	48
64	Improving solubility and chemical stability of natural compounds for medicinal use by incorporation into liposomes. <i>International Journal of Pharmaceutics</i> , 2011, 416, 433-442.	5.2	278
65	Complement regulatory protein Crry/p65 costimulation expands natural Treg cells with enhanced suppressive properties in proteoglycan-induced arthritis. <i>Arthritis and Rheumatism</i> , 2011, 63, 1562-1572.	6.7	9
66	Critical proinflammatory role of thymic stromal lymphopoietin and its receptor in experimental autoimmune arthritis. <i>Arthritis and Rheumatism</i> , 2011, 63, 1878-1887.	6.7	51
67	CD62L ^{neg} CD38 ⁺ Expression on Circulating CD4 ⁺ T Cells Identifies Mucosally Differentiated Cells in Protein Fed Mice and in Human Celiac Disease Patients and Controls. <i>American Journal of Gastroenterology</i> , 2011, 106, 1147-1159.	0.4	36
68	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.	2.9	36
69	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, 1026-1035.	6.7	77
70	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. <i>Vaccine</i> , 2010, 28, 6282-6291.	3.8	176
71	HSP Reactive T Cells are Anti-Inflammatory and Disease Suppressive in Arthritic Diseases. <i>Heat Shock Proteins</i> , 2010, , 85-101.	0.2	0
72	IL-10 Is Critically Involved in Mycobacterial HSP70 Induced Suppression of Proteoglycan-Induced Arthritis. <i>PLoS ONE</i> , 2009, 4, e4186.	2.5	57

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73	Cyclooxygenase-2 in mucosal DC mediates induction of regulatory T cells in the intestine through suppression of IL-4. <i>Mucosal Immunology</i> , 2009, 2, 254-264.	6.0	43
74	Two canine CD1a proteins are differentially expressed in skin. <i>Immunogenetics</i> , 2008, 60, 315-324.	2.4	28
75	Cartilage proteoglycan-specific T cells as vectors of immunomodulatory biologicals in chronic proteoglycan-induced arthritis. <i>Molecular Immunology</i> , 2008, 45, 3526-3535.	2.2	4
76	Autoantigen-Specific IL-10-Transduced T Cells Suppress Chronic Arthritis by Promoting the Endogenous Regulatory IL-10 Response. <i>Journal of Immunology</i> , 2008, 180, 1373-1381.	0.8	25
77	Oral or Nasal Antigen Induces Regulatory T Cells That Suppress Arthritis and Proliferation of Arthritogenic T Cells in Joint Draining Lymph Nodes. <i>Journal of Immunology</i> , 2008, 181, 899-906.	0.8	51
78	Cell stress induced HSP are targets of regulatory T cells: A role for HSP inducing compounds as anti-inflammatory immunomodulators?. <i>FEBS Letters</i> , 2007, 581, 3716-3722.	2.8	87
79	New cohorts of naive T cells exacerbate ongoing allergy but can be suppressed by regulatory T cells. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2005, 60, 1530-1536.	5.7	5
80	Naive transgenic T cells expressing cartilage proteoglycan-specific TCR induce arthritis upon in vivo activation. <i>Journal of Autoimmunity</i> , 2005, 25, 172-180.	6.5	33
81	Early Events in Antigen-Specific Regulatory T Cell Induction via Nasal and Oral Mucosa. <i>Annals of the New York Academy of Sciences</i> , 2004, 1029, 385-389.	3.8	10
82	Functional CD25 ^{hi} and CD25 ⁺ mucosal regulatory T cells are induced in gut-draining lymphoid tissue within 48h after oral antigen application. <i>European Journal of Immunology</i> , 2003, 33, 2801-2810.	2.9	101