

Sigurbjörg Torsteinsdóttir

List of Publications by Year in descending order

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47
papers

943
citations

394421

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#	ARTICLE	IF	CITATIONS
1	Production of monoclonal antibodies specific for native equine IgE and their application to monitor total serum IgE responses in Icelandic and non-Icelandic horses with insect bite dermal hypersensitivity. <i>Veterinary Immunology and Immunopathology</i> , 2006, 112, 156-170.	1.2	57
2	Study of equid herpesviruses 2 and 5 in Iceland with a type-specific polymerase chain reaction. <i>Research in Veterinary Science</i> , 2008, 85, 605-611.	1.9	57
3	Selective cloning, characterization, and production of the <i>Culicoides nubeculosus</i> salivary gland allergen repertoire associated with equine insect bite hypersensitivity. <i>Veterinary Immunology and Immunopathology</i> , 2011, 139, 200-209.	1.2	55
4	Skin-infiltrating T cells and cytokine expression in Icelandic horses affected with insect bite hypersensitivity: A possible role for regulatory T cells. <i>Veterinary Immunology and Immunopathology</i> , 2011, 140, 63-74.	1.2	45
5	Pathogenesis of central nervous system lesions in visna: Cell-mediated immunity and lymphocyte subsets in blood, brain and cerebrospinal fluid. <i>Journal of Neuroimmunology</i> , 1992, 41, 149-158.	2.3	39
6	Activation of B lymphocytes by Epstein-Barr virus/CR2 receptor interaction. <i>European Journal of Immunology</i> , 1987, 17, 815-820.	2.9	34
7	Differential expression of hla antigen of HLA antigens on human B cell lines of normal and malignant origin: A consequence of immune surveillance or a phenotypic vestige of the progenitor cells?. <i>International Journal of Cancer</i> , 1988, 41, 913-919.	5.1	34
8	Antigen processing and presentation by EBV-carrying cell lines: Cell-phenotype dependence and influence of the EBV-encoded LMP1. <i>International Journal of Cancer</i> , 1993, 53, 856-862.	5.1	32
9	Allele-specific down-regulation of MHC class I antigens in Burkitt lymphoma lines. <i>Cellular Immunology</i> , 1989, 120, 396-400.	3.0	30
10	Reversion of tumorigenicity and decreased agarose clonability after EBV conversion of an igh/myc translocation-carrying cell line. <i>International Journal of Cancer</i> , 1989, 43, 273-278.	5.1	30
11	Biological and genetic differences between lung- and brain-derived isolates of maedi-visna virus. <i>Virus Genes</i> , 1998, 16, 281-293.	1.6	29
12	Developing a preventive immunization approach against insect bite hypersensitivity using recombinant allergens: A pilot study. <i>Veterinary Immunology and Immunopathology</i> , 2015, 166, 8-21.	1.2	29
13	A preventive immunization approach against insect bite hypersensitivity: Intralymphatic injection with recombinant allergens in Alum or Alum and monophosphoryl lipid A. <i>Veterinary Immunology and Immunopathology</i> , 2016, 172, 14-20.	1.2	28
14	Antibody and cellular immune responses of naïve mares to repeated vaccination with an inactivated equine herpesvirus vaccine. <i>Vaccine</i> , 2015, 33, 5588-5597.	3.8	27
15	Increased IL-4 and decreased regulatory cytokine production following relocation of Icelandic horses from a high to low endoparasite environment. <i>Veterinary Immunology and Immunopathology</i> , 2010, 133, 40-50.	1.2	26
16	In Vivo and In Vitro Infection with Two Different Molecular Clones of Visna Virus. <i>Virology</i> , 1997, 229, 370-380.	2.4	25
17	The vif gene of maedi-visna virus is essential for infectivity in vivo and in vitro. <i>Virology</i> , 2004, 318, 350-359.	2.4	24
18	Vaccination of sheep with Maedi-visna virus gag gene and protein, beneficial or harmful?. <i>Vaccine</i> , 2007, 25, 6713-6720.	3.8	20

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19	Immune response against equine gammaherpesvirus in Icelandic horses. <i>Veterinary Microbiology</i> , 2009, 137, 363-368.	1.9	20
20	Component-resolved microarray analysis of IgE sensitization profiles to <i>Culicoides</i> recombinant allergens in horses with insect bite hypersensitivity. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 1147-1157.	5.7	20
21	Human and ovine lentiviral infections compared. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 1991, 14, 277-287.	1.6	19
22	Genetic diversity of equine gammaherpesviruses (γ -EHV) and isolation of a syncytium forming EHV-2 strain from a horse in Iceland. <i>Research in Veterinary Science</i> , 2013, 94, 170-177.	1.9	19
23	Neonatal Immunization with a Single IL-4/Antigen Dose Induces Increased Antibody Responses after Challenge Infection with Equine Herpesvirus Type 1 (EHV-1) at Weanling Age. <i>PLoS ONE</i> , 2017, 12, e0169072.	2.5	18
24	Longitudinal analysis of allergen-specific IgE and IgG subclasses as potential predictors of insect bite hypersensitivity following first exposure to <i>Culicoides</i> in Icelandic horses. <i>Veterinary Dermatology</i> , 2018, 29, 51.	1.2	18
25	Differential recognition of tumor-derived and in vitro Epstein-Barr virus-transformed B-cell lines by fetal calf serum-specific T4-positive cytotoxic T-lymphocyte clones. <i>Cellular Immunology</i> , 1986, 98, 453-466.	3.0	16
26	A prospective study on insect bite hypersensitivity in horses exported from Iceland into Switzerland. <i>Acta Veterinaria Scandinavica</i> , 2018, 60, 69.	1.6	16
27	Combined treatment with interferon (IFN)- γ and tumor necrosis factor (TNF)- α up-regulates the expression of HLA class I determinants in Burkitt lymphoma lines. <i>Cellular Immunology</i> , 1988, 117, 303-311.	3.0	15
28	New Strategies for Prevention and Treatment of Insect Bite Hypersensitivity in Horses. <i>Current Dermatology Reports</i> , 2019, 8, 303-312.	2.1	15
29	Immune response to maedi-visna virus. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 1532.	3.0	15
30	Search for the critical characteristics of phenotypically different B cell lines, Burkitt lymphoma cells and lymphoblastoid cell lines, which determine differences in their functional interaction with allogeneic lymphocytes. <i>Cancer Immunology, Immunotherapy</i> , 1991, 34, 128-132.	4.2	14
31	Barley produced <i>Culicoides</i> allergens are suitable for monitoring the immune response of horses immunized with <i>E. coli</i> expressed allergens. <i>Veterinary Immunology and Immunopathology</i> , 2018, 201, 32-37.	1.2	14
32	Simultaneous Mutations in CA and Vif of Maedi-Visna Virus Cause Attenuated Replication in Macrophages and Reduced Infectivity In Vivo. <i>Journal of Virology</i> , 2005, 79, 15038-15042.	3.4	13
33	Isolation and Partial Sequencing of <i>Equid Herpesvirus 5</i> from a Horse in Iceland. <i>Journal of Veterinary Diagnostic Investigation</i> , 2010, 22, 420-423.	1.1	13
34	Immune response to recombinant visna virus Gag and Env precursor proteins synthesized in insect cells. <i>Virus Research</i> , 1998, 53, 107-120.	2.2	11
35	Oral administration of transgenic barley expressing a <i>Culicoides</i> allergen induces specific antibody response. <i>Equine Veterinary Journal</i> , 2017, 49, 512-518.	1.7	9
36	Mutational analysis of a principal neutralization domain of visna/maedi virus envelope glycoprotein. <i>Journal of General Virology</i> , 2008, 89, 716-721.	2.9	9

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37	Generation of equine TSLP-specific antibodies and their use for detection of TSLP produced by equine keratinocytes and leukocytes. <i>Veterinary Immunology and Immunopathology</i> , 2012, 147, 180-186.	1.2	8
38	Culicoides specific IgG3/5 antibodies predicted Culicoides hypersensitivity in a group imported Icelandic horses. <i>BMC Veterinary Research</i> , 2020, 16, 283.	1.9	8
39	First clinical expression of equine insect bite hypersensitivity is associated with co-sensitization to multiple Culicoides allergens. <i>PLoS ONE</i> , 2021, 16, e0257819.	2.5	5
40	Selective inhibitory effect of Hu-IFN- β on the agarose clonability of tumor-derived lymphoid cell lines. <i>Cellular Immunology</i> , 1985, 90, 65-73.	3.0	4
41	Stimulation with allogeneic Epstein-Barr virus-transformed lymphoblastoid cell lines generates HLA class I-specific CTLs with different target cell avidity. <i>Cellular Immunology</i> , 1991, 137, 501-513.	3.0	4
42	Overexpression of c-myc increases the sensitivity of Epstein-Barr virus immortalized lymphoblastoid cells to non-MHC-restricted cytotoxicity. <i>International Journal of Cancer</i> , 1993, 53, 1008-1012.	5.1	4
43	The effect of maternal immunity on the equine gammaherpesvirus type 2 and 5 viral load and antibody response. <i>PLoS ONE</i> , 2019, 14, e0218576.	2.5	4
44	Comparison of recombinant Culicoides allergens produced in different expression systems for IgE serology of insect bite hypersensitivity in horses of different origins. <i>Veterinary Immunology and Immunopathology</i> , 2021, 238, 110289.	1.2	4
45	Establishment and characterization of fetal equine kidney and lung cells with extended lifespan. Susceptibility to equine gammaherpesvirus infection and transfection efficiency. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2016, 52, 872-877.	1.5	3
46	Isolation of equid alphaherpesvirus 3 from a horse in Iceland with equine coital exanthema. <i>Acta Veterinaria Scandinavica</i> , 2021, 63, 6.	1.6	3
47	Immunopathogenesis and immunotherapy of Culicoides hypersensitivity in horses: an update. <i>Veterinary Dermatology</i> , 2021, 32, 579.	1.2	1