

Sara Wernersson

List of Publications by Citations

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46
papers

2,302
citations

22
h-index

47
g-index

47
ext. papers

2,686
ext. citations

5.8
avg, IF

5.17
L-index

#	Paper	IF	Citations
46	Mast cell secretory granules: armed for battle. <i>Nature Reviews Immunology</i> , 2014 , 14, 478-94	36.5	563
45	Mast cell proteases: multifaceted regulators of inflammatory disease. <i>Blood</i> , 2010 , 115, 4981-90	2.2	260
44	Mast cell proteases. <i>Advances in Immunology</i> , 2007 , 95, 167-255	5.6	219
43	Efficient IgG-mediated suppression of primary antibody responses in Fcγ receptor-deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 2244-9	11.5	115
42	Serotonin and histamine storage in mast cell secretory granules is dependent on serglycin proteoglycan. <i>Journal of Allergy and Clinical Immunology</i> , 2008 , 121, 1020-6	11.5	85
41	A Deletion in the Canine POMC Gene Is Associated with Weight and Appetite in Obesity-Prone Labrador Retriever Dogs. <i>Cell Metabolism</i> , 2016 , 23, 893-900	24.6	79
40	Serum concentrations of C-reactive protein (CRP) in lean and overweight dogs. <i>Acta Veterinaria Scandinavica</i> , 2015 , 57, O15	2	78
39	Testosterone and anti-Müllerian-hormone (AMH) in lean and overweight male Labrador Retrievers. <i>Acta Veterinaria Scandinavica</i> , 2015 , 57, P1	2	78
38	Mouse mast cell protease 4 is the major chymase in murine airways and has a protective role in allergic airway inflammation. <i>Journal of Immunology</i> , 2009 , 183, 6369-76	5.3	73
37	IgG2a-mediated enhancement of antibody and T cell responses and its relation to inhibitory and activating Fc γ receptors. <i>Journal of Immunology</i> , 2004 , 172, 5269-76	5.3	73
36	Mast cell chymase modulates IL-33 levels and controls allergic sensitization in dust-mite induced airway inflammation. <i>Mucosal Immunology</i> , 2013 , 6, 911-20	9.2	69
35	Novel insights into the biological function of mast cell carboxypeptidase A. <i>Trends in Immunology</i> , 2009 , 30, 401-8	14.4	65
34	Cytokines as immunological markers for systemic inflammation in dogs with pyometra. <i>Reproduction in Domestic Animals</i> , 2012 , 47 Suppl 6, 337-41	1.6	51
33	Serglycin proteoglycan: regulating the storage and activities of hematopoietic proteases. <i>BioFactors</i> , 2009 , 35, 61-8	6.1	42
32	Granzyme-like sequences in bony fish shed light on the emergence of hematopoietic serine proteases during vertebrate evolution. <i>Developmental and Comparative Immunology</i> , 2006 , 30, 901-18	3.2	39
31	Restoration of the antibody response to IgE/antigen complexes in CD23-deficient mice by CD23+ spleen or bone marrow cells. <i>Journal of Immunology</i> , 2000 , 164, 3990-5	5.3	38
30	The role of heparanase in pulmonary cell recruitment in response to an allergic but not non-allergic stimulus. <i>PLoS ONE</i> , 2015 , 10, e0127032	3.7	30

29	A role for serglycin proteoglycan in mast cell apoptosis induced by a secretory granule-mediated pathway. <i>Journal of Biological Chemistry</i> , 2011 , 286, 5423-33	5.4	30
28	Early expansion of secondary B cells after primary immunization with antigen complexed with IgE. <i>Scandinavian Journal of Immunology</i> , 1997 , 46, 10-5	3.4	27
27	Lysosomal membrane permeabilization induces cell death in human mast cells. <i>Scandinavian Journal of Immunology</i> , 2011 , 74, 354-62	3.4	24
26	Increased concentrations of C-reactive protein but not high-mobility group box 1 in dogs with naturally occurring sepsis. <i>Veterinary Immunology and Immunopathology</i> , 2013 , 156, 64-72	2	23
25	Isolation of transcriptionally active umbilical cord blood-derived basophils expressing Fc epsilon RI, HLA-DR and CD203c. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2006 , 61, 1063-70	9.3	23
24	Multiplex cytokine analyses in dogs with pyometra suggest involvement of KC-like chemokine in canine bacterial sepsis. <i>Veterinary Immunology and Immunopathology</i> , 2016 , 170, 41-6	2	22
23	Mast cells limit extracellular levels of IL-13 via a serglycin proteoglycan-serine protease axis. <i>Biological Chemistry</i> , 2012 , 393, 1555-67	4.5	21
22	Mast cell apoptosis induced by siramesine, a sigma-2 receptor agonist. <i>Biochemical Pharmacology</i> , 2012 , 84, 1671-80	6	17
21	No evidence for a role of Fc gamma RIIB in suppression of in vivo antibody responses to erythrocytes by passively administered IgG. <i>Scandinavian Journal of Immunology</i> , 2001 , 53, 331-4; discussion 339-45	3.4	15
20	Immune complex-mediated enhancement of antibody responses without induction of delayed-type hypersensitivity. <i>Scandinavian Journal of Immunology</i> , 2000 , 52, 563-9	3.4	13
19	Pathogenic <i>Escherichia coli</i> and lipopolysaccharide enhance the expression of IL-8, CXCL5, and CXCL10 in canine endometrial stromal cells. <i>Theriogenology</i> , 2015 , 84, 34-42	2.8	12
18	Human cord blood derived immature basophils show dual characteristics, expressing both basophil and eosinophil associated proteins. <i>PLoS ONE</i> , 2012 , 7, e48308	3.7	12
17	Age-related enlargement of lymphoid tissue and altered leukocyte composition in serglycin-deficient mice. <i>Journal of Leukocyte Biology</i> , 2009 , 85, 401-8	6.5	12
16	The urine metabolome differs between lean and overweight Labrador Retriever dogs during a feed-challenge. <i>PLoS ONE</i> , 2017 , 12, e0180086	3.7	12
15	Increased Bone Mass in Female Mice Lacking Mast Cell Chymase. <i>PLoS ONE</i> , 2016 , 11, e0167964	3.7	12
14	Accumulation of Ym1 and formation of intracellular crystalline bodies in alveolar macrophages lacking heparanase. <i>Molecular Immunology</i> , 2010 , 47, 1467-75	4.3	11
13	Metabolic and Hormonal Response to a Feed-challenge Test in Lean and Overweight Dogs. <i>Journal of Veterinary Internal Medicine</i> , 2016 , 30, 574-82	3.1	9
12	Serglycin-independent release of active mast cell proteases in response to <i>Toxoplasma gondii</i> infection. <i>Journal of Biological Chemistry</i> , 2010 , 285, 38005-13	5.4	9

11	Plasma metabolomics reveals lower carnitine concentrations in overweight Labrador Retriever dogs. <i>Acta Veterinaria Scandinavica</i> , 2019 , 61, 10	2	8
10	Indication of metabolic inflexibility to food intake in spontaneously overweight Labrador Retriever dogs. <i>BMC Veterinary Research</i> , 2019 , 15, 96	2.7	7
9	IL-6 and IL-17A degradation by mast cells is mediated by a serglycin:serine protease axis. <i>Immunity, Inflammation and Disease</i> , 2016 , 4, 70-9	2.4	7
8	The Evolutionary History of the α -Locus Encoding Several of the Major Hematopoietic Serine Proteases. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	3
7	Analysis of the mast cell expressed carboxypeptidase A3 and its structural and evolutionary relationship to other vertebrate carboxypeptidases. <i>Developmental and Comparative Immunology</i> , 2022 , 127, 104273	3.2	3
6	Novel aspects of mast cell and basophil function: Highlights from the 9th meeting of the European Mast Cell and Basophil Research Network (EMBRN)-A Marcus Wallenberg Symposium. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 707-708	9.3	3
5	Equine Airway Mast Cells are Sensitive to Cell Death Induced by Lysosomotropic Agents. <i>Scandinavian Journal of Immunology</i> , 2017 , 85, 30-34	3.4	2
4	Induction of mast cell apoptosis by a novel secretory granule-mediated pathway. <i>Methods in Molecular Biology</i> , 2015 , 1220, 325-37	1.4	2
3	Treatment of chronic airway diseases using nutraceuticals: Mechanistic insight. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-15	11.5	2
2	Carboxypeptidase inhibition by NvCI suppresses airway hyperreactivity in a mouse asthma model. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 2234-2237	9.3	2
1	Composition and short-term stability of gut microbiota in lean and spontaneously overweight healthy Labrador retriever dogs.. <i>Acta Veterinaria Scandinavica</i> , 2022 , 64, 8	2	0