Sara Wernersson

List of Publications by Year
in descending order

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47 papers	2,726 citations	304743 22 h-index	233421 45 g-index
47 all docs	47 docs citations	47 times ranked	3652 citing authors

#	Article	IF	Citations
1	Mast cell secretory granules: armed for battle. Nature Reviews Immunology, 2014, 14, 478-494.	22.7	773
2	Mast cell proteases: multifaceted regulators of inflammatory disease. Blood, 2010, 115, 4981-4990.	1.4	313
3	Mast Cell Proteases. Advances in Immunology, 2007, 95, 167-255.	2.2	262
4	Efficient IgG-mediated suppression of primary antibody responses in FcÂ receptor-deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 2244-2249.	7.1	126
5	A Deletion in the Canine POMC Gene Is Associated with Weight and Appetite in Obesity-Prone Labrador Retriever Dogs. Cell Metabolism, 2016, 23, 893-900.	16.2	117
6	Serotonin and histamine storage in mast cell secretory granules is dependent on serglycin proteoglycan. Journal of Allergy and Clinical Immunology, 2008, 121, 1020-1026.	2.9	100
7	Mast cell chymase modulates IL-33 levels and controls allergic sensitization in dust-mite induced airway inflammation. Mucosal Immunology, 2013, 6, 911-920.	6.0	91
8	Mouse Mast Cell Protease 4 Is the Major Chymase in Murine Airways and Has a Protective Role in Allergic Airway Inflammation. Journal of Immunology, 2009, 183, 6369-6376.	0.8	82
9	IgG2a-Mediated Enhancement of Antibody and T Cell Responses and Its Relation to Inhibitory and Activating FcÎ³ Receptors. Journal of Immunology, 2004, 172, 5269-5276.	0.8	81
10	Novel insights into the biological function of mast cell carboxypeptidase A. Trends in Immunology, 2009, 30, 401-408.	6.8	75
11	Cytokines as Immunological Markers for Systemic Inflammation in Dogs with Pyometra. Reproduction in Domestic Animals, 2012, 47, 337-341.	1.4	67
12	Serglycin proteoglycan: Regulating the storage and activities of hematopoietic proteases. BioFactors, 2009, 35, 61-68.	5.4	50
13	Granzyme-like sequences in bony fish shed light on the emergence of hematopoietic serine proteases during vertebrate evolution. Developmental and Comparative Immunology, 2006, 30, 901-918.	2.3	47
14	Multiplex cytokine analyses in dogs with pyometra suggest involvement of KC-like chemokine in canine bacterial sepsis. Veterinary Immunology and Immunopathology, 2016, 170, 41-46.	1.2	40
15	Restoration of the Antibody Response to IgE/Antigen Complexes in CD23-Deficient Mice by CD23+ Spleen or Bone Marrow Cells. Journal of Immunology, 2000, 164, 3990-3995.	0.8	39
16	The Role of Heparanase in Pulmonary Cell Recruitment in Response to an Allergic but Not Non-Allergic Stimulus. PLoS ONE, 2015, 10, e0127032.	2.5	35
17	Increased concentrations of C-reactive protein but not high-mobility group box 1 in dogs with naturally occurring sepsis. Veterinary Immunology and Immunopathology, 2013, 156, 64-72.	1.2	34
18	A Role for Serglycin Proteoglycan in Mast Cell Apoptosis Induced by a Secretory Granule-mediated Pathway*. Journal of Biological Chemistry, 2011, 286, 5423-5433.	3.4	32

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19	Early Expansion of Secondary B Cells after Primary Immunization with Antigen Complexed with IgE. Scandinavian Journal of Immunology, 1997, 46, 10-15.	2.7	29
20	Lysosomal Membrane Permeabilization Induces Cell Death in Human Mast Cells. Scandinavian Journal of Immunology, 2011, 74, 354-362.	2.7	26
21	Isolation of transcriptionally active umbilical cord blood-derived basophils expressing FcÉ›RI, HLA-DR and CD203c. Allergy: European Journal of Allergy and Clinical Immunology, 2006, 61, 1063-1070.	5.7	24
22	Mast cells limit extracellular levels of IL-13 via a serglycin proteoglycan-serine protease axis. Biological Chemistry, 2012, 393, 1555-1567.	2.5	23
23	Mast cell apoptosis induced by siramesine, a sigma-2 receptor agonist. Biochemical Pharmacology, 2012, 84, 1671-1680.	4.4	18
24	No Evidence for a Role of FcÎ³RIIB in Suppression of In vivo Antibody Responses to Erythrocytes by Passively Administered IgG. Scandinavian Journal of Immunology, 2001, 53, 331-334.	2.7	17
25	Accumulation of Ym1 and formation of intracellular crystalline bodies in alveolar macrophages lacking heparanase. Molecular Immunology, 2010, 47, 1467-1475.	2.2	17
26	Plasma metabolomics reveals lower carnitine concentrations in overweight Labrador Retriever dogs. Acta Veterinaria Scandinavica, 2019, 61, 10.	1.6	16
27	Human Cord Blood Derived Immature Basophils Show Dual Characteristics, Expressing Both Basophil and Eosinophil Associated Proteins. PLoS ONE, 2012, 7, e48308.	2.5	15
28	Increased Bone Mass in Female Mice Lacking Mast Cell Chymase. PLoS ONE, 2016, 11, e0167964.	2.5	15
29	Pathogenic Escherichia coli and lipopolysaccharide enhance the expression of IL-8, CXCL5, and CXCL10 in canine endometrial stromal cells. Theriogenology, 2015, 84, 34-42.	2.1	14
30	Immune Complex-Mediated Enhancement of Antibody Responses without Induction of Delayed-Type Hypersensitivity. Scandinavian Journal of Immunology, 2000, 52, 563-569.	2.7	14
31	The urine metabolome differs between lean and overweight Labrador Retriever dogs during a feed-challenge. PLoS ONE, 2017, 12, e0180086.	2.5	14
32	Age-related enlargement of lymphoid tissue and altered leukocyte composition in serglycin-deficient mice. Journal of Leukocyte Biology, 2009, 85, 401-408.	3.3	13
33	Mast Cell and Basophil Granule Proteases - In Vivo Targets and Function. Frontiers in Immunology, 0, 13, .	4.8	13
34	Serglycin-independent Release of Active Mast Cell Proteases in Response to Toxoplasma gondii Infection*. Journal of Biological Chemistry, 2010, 285, 38005-38013.	3.4	11
35	Metabolic and Hormonal Response to a Feedâ€challenge Test in Lean and Overweight Dogs. Journal of Veterinary Internal Medicine, 2016, 30, 574-582.	1.6	11
36	The Evolutionary History of the Chymase Locus -a Locus Encoding Several of the Major Hematopoietic Serine Proteases. International Journal of Molecular Sciences, 2021, 22, 10975.	4.1	11

#	Article	IF	Citations
37	Indication of metabolic inflexibility to food intake in spontaneously overweight Labrador Retriever dogs. BMC Veterinary Research, 2019, 15, 96.	1.9	9
38	Treatment of chronic airway diseases using nutraceuticals: Mechanistic insight. Critical Reviews in Food Science and Nutrition, 2022, 62, 7576-7590.	10.3	9
39	Analysis of the mast cell expressed carboxypeptidase A3 and its structural and evolutionary relationship to other vertebrate carboxypeptidases. Developmental and Comparative Immunology, 2022, 127, 104273.	2.3	9
40	ILâ€6 and ILâ€17A degradation by mast cells is mediated by a serglycin:serine protease axis. Immunity, Inflammation and Disease, 2016, 4, 70-79.	2.7	8
41	Composition and short-term stability of gut microbiota in lean and spontaneously overweight healthy Labrador retriever dogs. Acta Veterinaria Scandinavica, 2022, 64, 8.	1.6	7
42	Carboxypeptidase inhibition by NvCI suppresses airway hyperreactivity in a mouse asthma model. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2234-2237.	5.7	6
43	Novel aspects of mast cell and basophil function: Highlights from the 9th meeting of the European Mast Cell and Basophil Research Network (EMBRN)â€"A Marcus Wallenberg Symposium. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 707-708.	5.7	4
44	Induction of Mast Cell Apoptosis by a Novel Secretory Granule-Mediated Pathway. Methods in Molecular Biology, 2015, 1220, 325-337.	0.9	4
45	Equine Airway Mast Cells are Sensitive to Cell Death Induced by Lysosomotropic Agents. Scandinavian Journal of Immunology, 2017, 85, 30-34.	2.7	3
46	Testosterone and anti-MÃ¼llerian-hormone (AMH) in lean and overweight male Labrador Retrievers. Acta Veterinaria Scandinavica, 2015, 57, P1.	1.6	2
47	Serum concentrations of C-reactive protein (CRP) in lean and overweight dogs. Acta Veterinaria Scandinavica, 2015, 57, O15.	1.6	0