Magnus Ãbrink

List of Publications by Year
in descending order

73 papers	4,766 citations	81900 39 h-index	95266 68 g-index
73 all docs	73 docs citations	73 times ranked	5025 citing authors

#	Article	IF	Citations
1	Mast Cell Chymase/Mcpt4 Suppresses the Host Immune Response to Plasmodium yoelii, Limits Malaria-Associated Disruption of Intestinal Barrier Integrity and Reduces Parasite Transmission to Anopheles stephensi. Frontiers in Immunology, 2022, 13, 801120.	4.8	4
2	Ivermectin-induced gene expression changes in adult Parascaris univalens and Caenorhabditis elegans: a comparative approach to study anthelminthic metabolism and resistance in vitro. Parasites and Vectors, 2022, 15, 158.	2.5	7
3	Aedes albopictus salivary proteins adenosine deaminase and 34k2 interact with human mast cell specific proteases tryptase and chymase. Bioengineered, 2022, 13, 13752-13766.	3.2	2
4	Serglycin-Deficiency Causes Reduced Weight Gain and Changed Intestinal Cytokine Responses in Mice Infected With Giardia intestinalis. Frontiers in Immunology, 2021, 12, 677722.	4.8	2
5	Mast cell chymase protects against acute ischemic kidney injury by limiting neutrophil hyperactivation and recruitment. Kidney International, 2020, 97, 516-527.	5.2	14
6	Novel aspects of mast cell and basophil function: Highlights from the 9th meeting of the European Mast Cell and Basophil Research Network (EMBRN)â€"Â Marcus Wallenberg Symposium. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 707-708.	5.7	4
7	Mast Cells Limit Ear Swelling Independently of the Chymase Mouse Mast Cell Protease 4 in an MC903-Induced Atopic Dermatitis-Like Mouse Model. International Journal of Molecular Sciences, 2020, 21, 6311.	4.1	9
8	The Chymase Mouse Mast Cell Protease-4 Regulates Intestinal Cytokine Expression in Mature Adult Mice Infected with Giardia intestinalis. Cells, 2020, 9, 925.	4.1	9
9	Mouse Mast Cell Protease-4 Recruits Leukocytes in the Inflammatory Phase of Surgically Wounded Skin. Advances in Wound Care, 2019, 8, 469-475.	5.1	9
10	Giardia excretory-secretory proteins modulate the enzymatic activities of mast cell chymase and tryptase. Molecular Immunology, 2019, 114, 535-544.	2.2	4
11	Mast cell chymase decreases the severity of group B Streptococcus infections. Journal of Allergy and Clinical Immunology, 2018, 142, 120-129.e6.	2.9	22
12	Mast cells are critical for the limitation of thrombinâ€induced skin inflammation. Experimental Dermatology, 2018, 27, 50-57.	2.9	11
13	Mast Cell Degranulation Exacerbates Skin Rejection by Enhancing Neutrophil Recruitment. Frontiers in Immunology, 2018, 9, 2690.	4.8	27
14	Proteome analysis of mast cell releasates reveals a role for chymase in the regulation of coagulation factor XIIIA levels via proteolytic degradation. Journal of Allergy and Clinical Immunology, 2017, 139, 323-334.	2.9	23
15	Highly Selective Cleavage of Cytokines and Chemokines by the Human Mast Cell Chymase and Neutrophil Cathepsin G. Journal of Immunology, 2017, 198, 1474-1483.	0.8	64
16	Overexpression of heparanase enhances T lymphocyte activities and intensifies the inflammatory response in a model of murine rheumatoid arthritis. Scientific Reports, 2017, 7, 46229.	3.3	28
17	Mast Cells and MCPT4 Chymase Promote Renal Impairment after Partial Ureteral Obstruction. Frontiers in Immunology, 2017, 8, 450.	4.8	15
18	Increased Bone Mass in Female Mice Lacking Mast Cell Chymase. PLoS ONE, 2016, 11, e0167964.	2.5	15

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19	Loss of Bladder Epithelium Induced by Cytolytic Mast Cell Granules. Immunity, 2016, 45, 1258-1269.	14.3	70
20	Serglycin proteoglycans limit enteropathy in Trichinella spiralis-infected mice. BMC Immunology, 2016, 17, 15.	2.2	12
21	IGF-1 degradation by mouse mast cell protease 4 promotes cell death and adverse cardiac remodeling days after a myocardial infarction. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6949-6954.	7.1	36
22	Targeting Serglycin Prevents Metastasis in Murine Mammary Carcinoma. PLoS ONE, 2016, 11, e0156151.	2.5	19
23	Serglycin protects against high fat diet-induced increase in serum LDL in mice. Glycoconjugate Journal, 2015, 32, 703-714.	2.7	5
24	Loss of Serglycin Promotes Primary Tumor Growth and Vessel Functionality in the RIP1-Tag2 Mouse Model for Spontaneous Insulinoma Formation. PLoS ONE, 2015, 10, e0126688.	2.5	11
25	Mast Cells Contribute to Bleomycin-Induced Lung Inflammation and Injury in Mice through a Chymase/Mast Cell Protease 4â€“Dependent Mechanism. Journal of Immunology, 2014, 192, 1847-1854.	0.8	41
26	Mast Cell Chymase Degrades the Alarmins Heat Shock Protein 70, Biglycan, HMGB1, and Interleukin-33 (IL-33) and Limits Danger-induced Inflammation. Journal of Biological Chemistry, 2014, 289, 237-250.	3.4	105
27	Mast cells limit extracellular levels of IL-13 via a serglycin proteoglycan-serine protease axis. Biological Chemistry, 2012, 393, 1555-1567.	2.5	23
28	The Chymase Mouse Mast Cell Protease 4 Degrades TNF, Limits Inflammation, and Promotes Survival in a Model of Sepsis. American Journal of Pathology, 2012, 181, 875-886.	3.8	91
29	The Î±vÎ²6 integrin modulates airway hyperresponsiveness in mice by regulating intraepithelial mast cells. Journal of Clinical Investigation, 2012, 122, 748-758.	8.2	55
30	Mast cell chymase reduces the toxicity of Gila monster venom, scorpion venom, and vasoactive intestinal polypeptide in mice. Journal of Clinical Investigation, 2011, 121, 4180-4191.	8.2	134
31	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
32	Dual Targets for Mouse Mast Cell Protease-4 in Mediating Tissue Damage in Experimental Bullous Pemphigoid. Journal of Biological Chemistry, 2011, 286, 37358-37367.	3.4	55
33	Lowered Expression of Heparan Sulfate/Heparin Biosynthesis Enzyme N-Deacetylase/N-Sulfotransferase 1 Results in Increased Sulfation of Mast Cell Heparin. Journal of Biological Chemistry, 2011, 286, 44433-44440.	3.4	36
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	Vaccination against the extra domainâ€B of fibronectin as a novel tumor therapy. FASEB Journal, 2010, 24, 4535-4544.	0.5	47
36	Mouse Mast Cell Protease-4 Deteriorates Renal Function by Contributing to Inflammation and Fibrosis in Immune Complex-Mediated Glomerulonephritis. Journal of Immunology, 2010, 185, 624-633.	0.8	64

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37	The Inflammatory Response after an Epidermal Burn Depends on the Activities of Mouse Mast Cell Proteases 4 and 5. Journal of Immunology, 2010, 185, 7681-7690.	0.8	62
38	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
39	Critical Role of Mast Cell Chymase in Mouse Abdominal Aortic Aneurysm Formation. Circulation, 2009, 120, 973-982.	1.6	132
40	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
41	Mast cell chymase contributes to the antibody response and the severity of autoimmune arthritis. FASEB Journal, 2009, 23, 875-882.	0.5	56
42	Mast cells regulate homeostatic intestinal epithelial migration and barrier function by a chymase/Mcpt4-dependent mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 22381-22386.	7.1	144
43	Serglycin proteoglycan is not implicated in localizing exocrine pancreas enzymes to zymogen granules. European Journal of Cell Biology, 2009, 88, 473-479.	3.6	6
44	Serglycin proteoglycan: Regulating the storage and activities of hematopoietic proteases. BioFactors, 2009, 35, 61-68.	5.4	50
45	Reduction with dithiothreitol causes serglycin-specific defects in secretory granule integrity of bone marrow derived mast cells. Molecular Immunology, 2009, 46, 422-428.	2.2	8
46	Neurotensin increases mortality and mast cells reduce neurotensin levels in a mouse model of sepsis. Nature Medicine, 2008, 14, 392-398.	30.7	114
47	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
48	Delayed Contraction of the CD8+ T Cell Response toward Lymphocytic Choriomeningitis Virus Infection in Mice Lacking Serglycin. Journal of Immunology, 2008, 181, 1043-1051.	0.8	28
49	Serglycin proteoglycan deletion induces defects in platelet aggregation and thrombus formation in mice. Blood, 2008, 111, 3458-3467.	1.4	59
50	Rab27b regulates number and secretion of platelet dense granules. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5872-5877.	7.1	160
51	Serglycin proteoglycan is required for secretory granule integrity in mucosal mast cells. Biochemical Journal, 2007, 403, 49-57.	3.7	77
52	Neutrophil elastase depends on serglycin proteoglycan for localization in granules. Blood, 2007, 109, 4478-4486.	1.4	88
53	Mast Cell Proteases. Advances in Immunology, 2007, 95, 167-255.	2.2	262
54	Rab27b Regulates Mast Cell Granule Dynamics and Secretion. Traffic, 2007, 8, 883-892.	2.7	92

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55	Bcl-2 and Bcl-XL are indispensable for the late phase of mast cell development from mouse embryonic stem cells. Experimental Hematology, 2007, 35, 385-393.	0.4	17
56	Mast Cells Can Enhance Resistance to Snake and Honeybee Venoms. Science, 2006, 313, 526-530.	12.6	333
57	A role for serglycin proteoglycan in granular retention and processing of mast cell secretory granule components. FEBS Journal, 2006, 273, 4901-4912.	4.7	57
58	Mast cell-dependent activation of pro matrix metalloprotease 2: a role for serglycin proteoglycan-dependent mast cell proteases. Biological Chemistry, 2006, 387, 1513-9.	2.5	17
59	Serglycin Is the Major Secreted Proteoglycan in Macrophages and Has a Role in the Regulation of Macrophage Tumor Necrosis Factor-Î± Secretion in Response to Lipopolysaccharide. Journal of Biological Chemistry, 2006, 281, 26792-26801.	3.4	69
60	Independent degeneration of photoreceptors and retinal pigment epithelium in conditional knockout mouse models of choroideremia. Journal of Clinical Investigation, 2006, 116, 386-394.	8.2	116
61	A Key Role for Mast Cell Chymase in the Activation of Pro-matrix Metalloprotease-9 and Pro-matrix Metalloprotease-2. Journal of Biological Chemistry, 2005, 280, 9291-9296.	3.4	275
62	Serglycin-deficient Cytotoxic T Lymphocytes Display Defective Secretory Granule Maturation and Granzyme B Storage. Journal of Biological Chemistry, 2005, 280, 33411-33418.	3.4	95
63	Cooperation between Mast Cell Carboxypeptidase A and the Chymase Mouse Mast Cell Protease 4 in the Formation and Degradation of Angiotensin II. Journal of Biological Chemistry, 2004, 279, 32339-32344.	3.4	59
64	The 5â€²-AMP-activated Protein Kinase Î³3 Isoform Has a Key Role in Carbohydrate and Lipid Metabolism in Glycolytic Skeletal Muscle. Journal of Biological Chemistry, 2004, 279, 38441-38447.	3.4	264
65	Serglycin Is Essential for Maturation of Mast Cell Secretory Granule. Journal of Biological Chemistry, 2004, 279, 40897-40905.	3.4	168
66	A novel Krï¿½ppel-associated box identified in a panel of mammalian zinc finger proteins. Mammalian Genome, 2004, 15, 35-40.	2.2	19
67	The Chymase, Mouse Mast Cell Protease 4, Constitutes the Major Chymotrypsin-like Activity in Peritoneum and Ear Tissue. A Role for Mouse Mast Cell Protease 4 in Thrombin Regulation and Fibronectin Turnover. Journal of Experimental Medicine, 2003, 198, 423-431.	8.5	152
68	Targeted Disruption of a Murine Glucuronyl C5-epimerase Gene Results in Heparan Sulfate Lacking l-Iduronic Acid and in Neonatal Lethality. Journal of Biological Chemistry, 2003, 278, 28363-28366.	3.4	188
69	KRAB Zinc Finger Proteins: An Analysis of the Molecular Mechanisms Governing Their Increase in Numbers and Complexity During Evolution. Molecular Biology and Evolution, 2002, 19, 2118-2130.	8.9	114
70	Molecular Cloning and Preliminary Functional Analysis of Two Novel Human KRAB Zinc Finger Proteins, HKr18 and HKr19. DNA and Cell Biology, 2001, 20, 275-286.	1.9	11
71	Expression of lactoferrin in the kidney: Implications for innate immunity and iron metabolism. Kidney International, 2000, 57, 2004-2010.	5.2	60
72	Comparative Analysis of KRAB Zinc Finger Proteins in Rodents and Man: Evidence for Several Evolutionarily Distinct Subfamilies of KRAB Zinc Finger Genes. DNA and Cell Biology, 1999, 18, 381-396.	1.9	61

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73	Isolation of cDNA Clones for 42 Different KrÃ¼ppel-Related Zinc Finger Proteins Expressed in the Human Monoblast Cell Line U-937. DNA and Cell Biology, 1995, 14, 125-136.	1.9	42