Attila MÃ³csai

List of Publications by Year
in descending order

98 papers	10,375 citations	46984 47 h-index	39638 94 g-index
107 all docs	107 docs citations	107 times ranked	14260 citing authors

#	Article	IF	Citations
1	Phospholipase CÎ32 Is Essential for Experimental Models of Epidermolysis Bullosa Acquisita. Journal of Investigative Dermatology, 2022, 142, 1114-1125.	0.3	5
2	Investigation of the Role of the TRPA1 Ion Channel in Conveying the Effect of Dimethyl Trisulfide on Vascular and Histological Changes in Serum-Transfer Arthritis. Pharmaceuticals, 2022, 15, 671.	1.7	2
3	In Vivo Functions of Mouse Neutrophils Derived from HoxB8-Transduced Conditionally Immortalized Myeloid Progenitors. Journal of Immunology, 2021, 206, 432-445.	0.4	15
4	Complement receptor 3 mediates both sinking phagocytosis and phagocytic cup formation via distinct mechanisms. Journal of Biological Chemistry, 2021, 296, 100256.	1.6	22
5	Capsaicin-Sensitive Peptidergic Sensory Nerves Are Anti-Inflammatory Gatekeepers in the Hyperacute Phase of a Mouse Rheumatoid Arthritis Model. International Journal of Molecular Sciences, 2021, 22, 1682.	1.8	1
6	A New Zebrafish Model for Pseudoxanthoma Elasticum. Frontiers in Cell and Developmental Biology, 2021, 9, 628699.	1.8	2
7	Fluorescence-Based Real-Time Analysis of Osteoclast Development. Frontiers in Cell and Developmental Biology, 2021, 9, 657935.	1.8	3
8	Neutrophil Phospholipase CÎ32 Drives Autoantibodyâ€Induced Arthritis Through the Generation of the Inflammatory Microenvironment. Arthritis and Rheumatology, 2021, 73, 1614-1625.	2.9	6
9	Signaling through Syk or CARD9 Mediates Species-Specific Anti-<i>Candida</i>Protection in Bone Marrow Chimeric Mice. MBio, 2021, 12, e0160821.	1.8	5
10	Siglec-H-Deficient Mice Show Enhanced Type I IFN Responses, but Do Not Develop Autoimmunity After Influenza or LCMV Infections. Frontiers in Immunology, 2021, 12, 698420.	2.2	3
11	Complement receptor 3 mediates both sinking phagocytosis and phagocytic cup formation via distinct mechanisms. Journal of Biological Chemistry, 2021, , .	1.6	0
12	Role of Macâ€1Âintegrin in generation of extracellular vesicles with antibacterial capacity from neutrophilic granulocytes. Journal of Extracellular Vesicles, 2020, 9, 1698889.	5.5	23
13	Osteoclast Signal Transduction During Bone Metastasis Formation. Frontiers in Cell and Developmental Biology, 2020, 8, 507.	1.8	53
14	VISTA deficiency protects from immune complex-mediated glomerulonephritis by inhibiting neutrophil activation. Journal of Autoimmunity, 2020, 113, 102501.	3.0	6
15	Neutrophils as emerging therapeuticÂtargets. Nature Reviews Drug Discovery, 2020, 19, 253-275.	21.5	386
16	Hemokinin-1 as a Mediator of Arthritis-Related Pain via Direct Activation of Primary Sensory Neurons. Frontiers in Pharmacology, 2020, 11, 594479.	1.6	5
17	Src family kinase-mediated vesicle trafficking is critical for neutrophil basement membrane penetration. Haematologica, 2020, 105, 1845-1856.	1.7	14
18	Tyrosine Kinases in Autoimmune and Inflammatory Skin Diseases. Frontiers in Immunology, 2019, 10, 1862.	2.2	86

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19	TRPA1 Ion Channel Determines Beneficial and Detrimental Effects of GYY4137 in Murine Serum-Transfer Arthritis. Frontiers in Pharmacology, 2019, 10, 964.	1.6	13
20	Hematopoietic or Osteoclast-Specific Deletion of Syk Leads to Increased Bone Mass in Experimental Mice. Frontiers in Immunology, 2019, 10, 937.	2.2	21
21	Subantimicrobial Dose Doxycycline Worsens Chronic Arthritis-Induced Bone Microarchitectural Alterations in a Mouse Model: Role of Matrix Metalloproteinases?. Frontiers in Pharmacology, 2019, 10, 233.	1.6	1
22	Importance of Fc Receptor Î³-Chain ITAM Tyrosines in Neutrophil Activation and in vivo Autoimmune Arthritis. Frontiers in Immunology, 2019, 10, 252.	2.2	10
23	Different Calcium and Src Family Kinase Signaling in Mac-1 Dependent Phagocytosis and Extracellular Vesicle Generation. Frontiers in Immunology, 2019, 10, 2942.	2.2	19
24	Analgesic effects of the novel semicarbazide-sensitive amine oxidase inhibitor SZV 1287 in mouse pain models with neuropathic mechanisms: Involvement of transient receptor potential vanilloid 1 and ankyrin 1 receptors. Pharmacological Research, 2018, 131, 231-243.	3.1	19
25	Myeloid-Specific Deletion of Mcl-1 Yields Severely Neutropenic Mice That Survive and Breed in Homozygous Form. Journal of Immunology, 2018, 201, 3793-3803.	0.4	35
26	Lineage-Specific Analysis of Syk Function in Autoantibody-Induced Arthritis. Frontiers in Immunology, 2018, 9, 555.	2.2	23
27	The Yin and Yang of Tyrosine Kinase Inhibition During Experimental Polymicrobial Sepsis. Frontiers in Immunology, 2018, 9, 901.	2.2	22
28	Circadian regulation of neutrophils: Control by a cellâ€autonomous clock or systemic factors?. European Journal of Clinical Investigation, 2018, 48, e12965.	1.7	15
29	Analgesic and Anti-Inflammatory Effects of the Novel Semicarbazide-Sensitive Amine-Oxidase Inhibitor SzV-1287 in Chronic Arthritis Models of the Mouse. Scientific Reports, 2017, 7, 39863.	1.6	29
30	Extracellular vesicles regulate the human osteoclastogenesis: divergent roles in discrete inflammatory arthropathies. Cellular and Molecular Life Sciences, 2017, 74, 3599-3611.	2.4	44
31	The Syk Tyrosine Kinase Is Required for Skin Inflammation in an InÂVivo Mouse Model ofÂEpidermolysis Bullosa Acquisita. Journal of Investigative Dermatology, 2017, 137, 2131-2139.	0.3	43
32	08.06â€…Circulating exosomes play a role in the regulation of human in vitro osteoclastogenesis. , 2017, , .		0
33	Experimental lupus is aggravated in mouse strains with impaired induction of neutrophil extracellular traps. JCI Insight, 2017, 2, .	2.3	115
34	Neutrophil-specific deletion of the CARD9 gene expression regulator suppresses autoantibody-induced inflammation in vivo. Nature Communications, 2016, 7, 11004.	5.8	62
35	Reply to "Neutrophils are not required for resolution of acute gouty arthritis in mice". Nature Medicine, 2016, 22, 1384-1386.	15.2	25
36	Neutrophils in animal models of autoimmune disease. Seminars in Immunology, 2016, 28, 174-186.	2.7	29

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37	Feedback Amplification of Neutrophil Function. Trends in Immunology, 2016, 37, 412-424.	2.9	69
38	Tyrosine kinase signaling pathways in neutrophils. Immunological Reviews, 2016, 273, 121-139.	2.8	56
39	Nicotinic acetylcholine receptors modulate osteoclastogenesis. Arthritis Research and Therapy, 2016, 18, 63.	1.6	32
40	Lack of Galanin 3 Receptor Aggravates Murine Autoimmune Arthritis. Journal of Molecular Neuroscience, 2016, 59, 260-269.	1.1	16
41	Abolition of mitochondrial substrateâ€level phosphorylation by itaconic acid produced by LPSâ€induced<i>Irg1</i>expression in cells of murine macrophage lineage. FASEB Journal, 2016, 30, 286-300.	0.2	100
42	Osteoclasts in Inflammation. , 2016, , 1047-1053.		1
43	Urine/Plasma Neutrophil Gelatinase Associated Lipocalin Ratio Is a Sensitive and Specific Marker of Subclinical Acute Kidney Injury in Mice. PLoS ONE, 2016, 11, e0148043.	1.1	30
44	Intracellular signalling during neutrophil recruitment. Cardiovascular Research, 2015, 107, 373-385.	1.8	120
45	The Effects of Dasatinib in Experimental Acute Respiratory Distress Syndrome Depend on Dose and Etiology. Cellular Physiology and Biochemistry, 2015, 36, 1644-1658.	1.1	26
46	Neutrophils are required for both the sensitization and elicitation phase of contact hypersensitivity. Journal of Experimental Medicine, 2015, 212, 15-22.	4.2	143
47	Capsaicin-sensitive sensory nerves exert complex regulatory functions in the serum-transfer mouse model of autoimmune arthritis. Brain, Behavior, and Immunity, 2015, 45, 50-59.	2.0	59
48	Hydrophobic cyanine dye-doped micelles for optical in vivo imaging of plasma leakage and vascular disruption. Journal of Biomedical Optics, 2015, 20, 1.	1.4	14
49	Targeting Vascular Endothelial Growth Factor Receptor 2 and Protein Kinase D1 Related Pathways by a Multiple Kinase Inhibitor in Angiogenesis and Inflammation Related Processes In Vitro. PLoS ONE, 2015, 10, e0124234.	1.1	7
50	Research update for articles published in EJCI in 2012. European Journal of Clinical Investigation, 2014, 44, 1010-1023.	1.7	1
51	The Phosphoinositide 3â€Kinase Isoform PI3KÎ² Regulates Osteoclastâ€Mediated Bone Resorption in Humans and Mice. Arthritis and Rheumatology, 2014, 66, 2210-2221.	2.9	29
52	Differential Regulatory Role of Pituitary Adenylate Cyclaseâ€"Activating Polypeptide in the Serumâ€Transfer Arthritis Model. Arthritis and Rheumatology, 2014, 66, 2739-2750.	2.9	51
53	Neutrophil granulocytes recruited upon translocation of intestinal bacteria enhance graft-versus-host disease via tissue damage. Nature Medicine, 2014, 20, 648-654.	15.2	241
54	The Src family kinases Hck, Fgr, and Lyn are critical for the generation of the in vivo inflammatory environment without a direct role in leukocyte recruitment. Journal of Experimental Medicine, 2014, 211, 1993-2011.	4.2	124

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55	What is the future of targeted therapy in rheumatology: biologics or small molecules?. BMC Medicine, 2014, 12, 43.	2.3	87
56	MASP-1 Induces a Unique Cytokine Pattern in Endothelial Cells: A Novel Link between Complement System and Neutrophil Granulocytes. PLoS ONE, 2014, 9, e87104.	1.1	55
57	Diverse novel functions of neutrophils in immunity, inflammation, and beyond. Journal of Experimental Medicine, 2013, 210, 1283-1299.	4.2	572
58	Reprint of Neutrophil cell surface receptors and their intracellular signal transduction pathways. International Immunopharmacology, 2013, 17, 1185-1197.	1.7	153
59	Neutrophil cell surface receptors and their intracellular signal transduction pathways. International Immunopharmacology, 2013, 17, 638-650.	1.7	478
60	Phosphoinositide 3-OH Kinase Regulates Integrin-Dependent Processes in Neutrophils by Signaling through Its Effector ARAP3. Journal of Immunology, 2013, 190, 381-391.	0.4	19
61	The absence of P2X7 receptors (P2rx7) on non-haematopoietic cells leads to selective alteration in mood-related behaviour with dysregulated gene expression and stress reactivity in mice. International Journal of Neuropsychopharmacology, 2013, 16, 213-233.	1.0	83
62	Tyrosine Kinase Inhibitors for the Treatment of Rheumatoid Arthritis. Current Topics in Medicinal Chemistry, 2013, 13, 760-773.	1.0	34
63	Osteoclasts in Inflammation. , 2013, , 1-7.		0
64	Dasatinib inhibits proinflammatory functions of mature human neutrophils. Blood, 2012, 119, 4981-4991.	0.6	81
65	The role of neutrophils in autoimmune diseases. Immunology Letters, 2012, 143, 9-19.	1.1	162
66	Phospholipase CÎ³2 is required for basal but not oestrogen deficiencyâ€“induced bone resorption. European Journal of Clinical Investigation, 2012, 42, 49-60.	1.7	34
67	PI3KÎ² Plays a Critical Role in Neutrophil Activation by Immune Complexes. Science Signaling, 2011, 4, ra23.	1.6	130
68	Class IA Phosphoinositide 3-Kinase Î² and Î´ Regulate Neutrophil Oxidase Activation in Response to<i>Aspergillus fumigatus</i>Hyphae. Journal of Immunology, 2011, 186, 2978-2989.	0.4	64
69	Genetic deficiency of Syk protects mice from autoantibodyâ€induced arthritis. Arthritis and Rheumatism, 2010, 62, 1899-1910.	6.7	95
70	The SYK tyrosine kinase: a crucial player in diverse biological functions. Nature Reviews Immunology, 2010, 10, 387-402.	10.6	1,100
71	Neutrophil Functions and Autoimmune Arthritis in the Absence of p190RhoGAP: Generation and Analysis of a Novel Null Mutation in Mice. Journal of Immunology, 2010, 185, 3064-3075.	0.4	37
72	Critical role of phospholipase CÎ³2 in integrin and Fc receptor-mediated neutrophil functions and the effector phase of autoimmune arthritis. Journal of Experimental Medicine, 2009, 206, 577-593.	4.2	109

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73	Syk kinase signalling couples to the Nlrp3 inflammasome for anti-fungal host defence. Nature, 2009, 459, 433-436.	13.7	799
74	Adjuvanticity of a synthetic cord factor analogue for subunit <i>Mycobacterium tuberculosis</i> vaccination requires FcRÎ³â€“Sykâ€“Card9â€“dependent innate immune activation. Journal of Experimental Medicine, 2009, 206, 89-97.	4.2	290
75	A fundamental role of mAbp1 in neutrophils: impact on Î²2 integrinâ€“mediated phagocytosis and adhesion in vivo. Blood, 2009, 114, 4209-4220.	0.6	40
76	Critical role of phospholipase CÎ³2 in integrin and Fc receptor-mediated neutrophil functions and the effector phase of autoimmune arthritis. Journal of Cell Biology, 2009, 184, i15-i15.	2.3	0
77	Critical but Overlapping Role of FcÎ³RIII and FcÎ³RIV in Activation of Murine Neutrophils by Immobilized Immune Complexes. Journal of Immunology, 2008, 180, 618-629.	0.4	80
78	Neutrophil activation via Î²2 integrins (CD11/CD18): Molecular mechanisms and clinical implications. Thrombosis and Haemostasis, 2007, 98, 262-273.	1.8	93
79	Spleen tyrosine kinase Syk is critical for sustained leukocyte adhesion during inflammation in vivo. BMC Immunology, 2007, 8, 31.	0.9	59
80	Immunoreceptor-like signaling by Î²2 and Î²3 integrins. Trends in Cell Biology, 2007, 17, 493-501.	3.6	123
81	Neutrophil activation via beta2 integrins (CD11/CD18): molecular mechanisms and clinical implications. Thrombosis and Haemostasis, 2007, 98, 262-73.	1.8	41
82	The Vav binding site of the nonâ€“receptor tyrosine kinase Syk at Tyr 348 is critical for Î²2 integrin (CD11/CD18)â€“mediated neutrophil migration. Blood, 2006, 108, 3919-3927.	0.6	79
83	Integrin signaling in neutrophils and macrophages uses adaptors containing immunoreceptor tyrosine-based activation motifs. Nature Immunology, 2006, 7, 1326-1333.	7.0	332
84	ITAM-based signaling beyond the adaptive immune response. Immunology Letters, 2006, 104, 29-37.	1.1	81
85	Src and Syk kinases: key regulators of phagocytic cell activation. Trends in Immunology, 2005, 26, 208-214.	2.9	191
86	The immunomodulatory adapter proteins DAP12 and Fc receptor Â-chain (FcRÂ) regulate development of functional osteoclasts through the Syk tyrosine kinase. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 6158-6163.	3.3	441
87	Responses of Neutrophils to Anti-Integrin Antibodies Depends on Costimulation through Low Affinity FcÎ³Rs: Full Activation Requires Both Integrin and Nonintegrin Signals. Journal of Immunology, 2004, 173, 2068-2077.	0.4	36
88	Role for Plastin in Host Defense Distinguishes Integrin Signaling from Cell Adhesion and Spreading. Immunity, 2003, 19, 95-104.	6.6	97
89	SLP-76 Regulates FcÎ³ Receptor and Integrin Signaling in Neutrophils. Immunity, 2003, 19, 761-769.	6.6	83
90	Regulation of Blood and Lymphatic Vascular Separation by Signaling Proteins SLP-76 and Syk. Science, 2003, 299, 247-251.	6.0	404

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91	Evidence that IgE molecules mediate a spectrum of effects on mast cell survival and activation via aggregation of the FcÂRI. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 12911-12916.	3.3	249
92	G-proteinâ€"coupled receptor signaling in Syk-deficient neutrophils and mast cells. Blood, 2003, 101, 4155-4163.	0.6	116
93	Coordinate interactions of Csk, Src, and Syk kinases with Î±IIbÎ²3 initiate integrin signaling to the cytoskeleton. Journal of Cell Biology, 2002, 157, 265-275.	2.3	382
94	Syk Is Required for Integrin Signaling in Neutrophils. Immunity, 2002, 16, 547-558.	6.6	391
95	Resting Murine Neutrophils Express Functional Î±4Integrins that Signal Through Src Family Kinases. Journal of Immunology, 2001, 166, 4115-4123.	0.4	52
96	Kinase Pathways in Chemoattractant-Induced Degranulation of Neutrophils: The Role of p38 Mitogen-Activated Protein Kinase Activated by Src Family Kinases. Journal of Immunology, 2000, 164, 4321-4331.	0.4	268
97	Exocytosis of neutrophil granulocytes. Biochemical Pharmacology, 1999, 57, 1209-1214.	2.0	22
98	Differential effects of tyrosine kinase inhibitors and an inhibitor of the mitogen-activated protein kinase cascade on degranulation and superoxide production of human neutrophil granulocytes. Biochemical Pharmacology, 1997, 54, 781-789.	2.0	46