Balazs Csoka

List of Publications by Year
in descending order

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50 papers	3,345 citations	172207 29 h-index	205818 48 g-index
50 all docs	50 docs citations	50 times ranked	4207 citing authors

#	Article	IF	Citations
1	Cathepsin D interacts with adenosine A2A receptors in mouse macrophages to modulate cell surface localization and inflammatory signaling. Journal of Biological Chemistry, 2022, 298, 101888.	1.6	4
2	Interplay between colonic inflammation and tachykininergic pathways in the onset of colonic dysmotility in a mouse model of diet-induced obesity. International Journal of Obesity, 2019, 43, 331-343.	1.6	27
3	VEGF-A from Granuloma Macrophages Regulates Granulomatous Inflammation by a Non-angiogenic Pathway during Mycobacterial Infection. Cell Reports, 2019, 27, 2119-2131.e6.	2.9	37
4	Transanal Minimally Invasive Surgery: A Promising Alternative for Certain Advanced Rectal Cancer Patients. Journal of Investigative Surgery, 2019, 32, 377-378.	0.6	1
5	Glycogen phosphorylase inhibition improves beta cell function. British Journal of Pharmacology, 2018, 175, 301-319.	2.7	39
6	Adenosine receptors differentially regulate type 2 cytokine production by ILâ€33â€“activated bone marrow cells, ILC2s, and macrophages. FASEB Journal, 2018, 32, 829-837.	0.2	29
7	Macrophage P2X4 receptors augment bacterial killing and protect against sepsis. JCI Insight, 2018, 3, .	2.3	82
8	Hypoxia-inducible-factor-1 in trauma and critical care. Journal of Critical Care, 2017, 42, 207-212.	1.0	23
9	A 2A adenosine receptors control pancreatic dysfunction in highâ€fatâ€dietâ€induced obesity. FASEB Journal, 2017, 31, 4985-4997.	0.2	30
10	Colonic motor dysfunctions in a mouse model of high-fat diet-induced obesity: an involvement of A2B adenosine receptors. Purinergic Signalling, 2017, 13, 497-510.	1.1	30
11	Extracellular ATP protects against sepsis through macrophage P2X7 purinergic receptors by enhancing intracellular bacterial killing. FASEB Journal, 2015, 29, 3626-3637.	0.2	106
12	New route for the activation of poly(ADP-ribose) polymerase-1: a passage that links poly(ADP-ribose) polymerase-1 to lipotoxicity?. Biochemical Journal, 2015, 469, e9-e11.	1.7	4
13	Adenosine signalling in diabetes mellitusâ€”pathophysiology and therapeutic considerations. Nature Reviews Endocrinology, 2015, 11, 228-241.	4.3	133
14	New Piece in the Jigsaw Puzzle: Adipose Tissueâ€“Derived Stem Cells From Obese Subjects Drive Th17 Polarization. Diabetes, 2015, 64, 2341-2343.	0.3	3
15	CD39 improves survival in microbial sepsis by attenuating systemic inflammation. FASEB Journal, 2015, 29, 25-36.	0.2	53
16	Cellular mosaicism for X-linked polymorphisms and IRAK1 expression presents a distinct phenotype and improves survival following sepsis. Journal of Leukocyte Biology, 2014, 95, 497-507.	1.5	17
17	Adenosine and inflammation: what's new on the horizon?. Drug Discovery Today, 2014, 19, 1051-1068.	3.2	139
18	A2B Adenosine Receptors Prevent Insulin Resistance by Inhibiting Adipose Tissue Inflammation via Maintaining Alternative Macrophage Activation. Diabetes, 2014, 63, 850-866.	0.3	98

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19	Adenosine Triphosphate (ATP)-P2X7 Receptor Activation Improves Survival in Microbial Sepsis by Attenuating Systemic Inflammation. Journal of the American College of Surgeons, 2014, 219, S39-S40.	0.2	0
20	A2B Adenosine Receptor Induces Protective Antihelminth Type 2 Immune Responses. Cell Host and Microbe, 2014, 15, 339-350.	5.1	59
21	Adenosine augments IL-10-induced STAT3 signaling in M2c macrophages. Journal of Leukocyte Biology, 2013, 94, 1309-1315.	1.5	120
22	Stimulation of A2B adenosine receptors protects against traumaâ€“hemorrhagic shock-induced lung injury. Purinergic Signalling, 2013, 9, 427-432.	1.1	26
23	Adenosine in the Immune System. , 2013, , 233-251.		0
24	Adenosine Augments IL-10 Production by Microglial Cells through an A2B Adenosine Receptor-Mediated Process. Journal of Immunology, 2012, 188, 445-453.	0.4	99
25	Adenosine promotes alternative macrophage activationviaA2A and A2B receptors. FASEB Journal, 2012, 26, 376-386.	0.2	306
26	Adenosine, inflammation pathways and therapeutic challenges. Joint Bone Spine, 2011, 78, 4-6.	0.8	14
27	Investigational A₃adenosine receptor targeting agents. Expert Opinion on Investigational Drugs, 2011, 20, 757-768.	1.9	30
28	Ecto-5â€²-Nucleotidase (CD73) Decreases Mortality and Organ Injury in Sepsis. Journal of Immunology, 2011, 187, 4256-4267.	0.4	83
29	PEDOT Modified Carbon Paste Microelectrodes for Scanning Electrochemical Microscopy. Croatica Chemica Acta, 2011, 84, 407-412.	0.1	4
30	Adenosine A_{2A}receptor activation protects CD4⁺T lymphocytes against activationâ€induced cell death. FASEB Journal, 2010, 24, 2631-2640.	0.2	66
31	A2B Adenosine Receptors Protect against Sepsis-Induced Mortality by Dampening Excessive Inflammation. Journal of Immunology, 2010, 185, 542-550.	0.4	117
32	CB2 Cannabinoid Receptors Contribute to Bacterial Invasion and Mortality in Polymicrobial Sepsis. PLoS ONE, 2009, 4, e6409.	1.1	57
33	Differential regulation of HIF-1Î± isoforms in murine macrophages by TLR4 and adenosine A2A receptor agonists. Journal of Leukocyte Biology, 2009, 86, 681-689.	1.5	46
34	Carbon paste-based ion-selective dual function microelectrodes for SECM measurements. Electrochimica Acta, 2009, 54, 3225-3232.	2.6	18
35	A2B adenosine receptors in immunity and inflammation. Trends in Immunology, 2009, 30, 263-270.	2.9	208
36	HIF-1: a key mediator in hypoxia (Review). Acta Physiologica Hungarica, 2009, 96, 19-28.	0.9	132

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37	Role of nonsynaptic communication in regulating the immune response. Neurochemistry International, 2008, 52, 52-59.	1.9	16
38	Adenosine A_{2A}receptor activation inhibits T helper 1 and T helper 2 cell development and effector function. FASEB Journal, 2008, 22, 3491-3499.	0.2	164
39	Adenosine receptor activation ameliorates type 1 diabetes. FASEB Journal, 2007, 21, 2379-2388.	0.2	93
40	A2A adenosine receptors and C/EBPÎ² are crucially required for IL-10 production by macrophages exposed to Escherichia coli. Blood, 2007, 110, 2685-2695.	0.6	182
41	The adenosine A2A receptor agonist CGS 21680 fails to ameliorate the course of dextran sulphate-induced colitis in mice. Inflammation Research, 2007, 56, 204-209.	1.6	19
42	Role of A2A adenosine receptors in regulation of opsonized E. coli-induced macrophage function. Purinergic Signalling, 2007, 3, 447-452.	1.1	24
43	Periodically interrupted amperometry at membrane coated electrodes: A simplified pulsed amperometry. Talanta, 2006, 69, 281-285.	2.9	7
44	Adenosine A2A Receptor Inactivation Increases Survival in Polymicrobial Sepsis. Journal of Immunology, 2006, 176, 5616-5626.	0.4	119
45	Adenosine A2A receptor activation reduces lung injury in trauma/hemorrhagic shock*. Critical Care Medicine, 2006, 34, 1119-1125.	0.4	107
46	Adenosine Augments IL-10 Production by Macrophages through an A2B Receptor-Mediated Posttranscriptional Mechanism. Journal of Immunology, 2005, 175, 8260-8270.	0.4	237
47	Determination of diffusion coefficient in gel and in aqueous solutions using scanning electrochemical microscopy. Journal of Proteomics, 2004, 61, 57-67.	2.4	34
48	Investigation of concentration profiles inside operating biocatalytic sensors with scanning electrochemical microscopy (SECM). Biosensors and Bioelectronics, 2003, 18, 141-149.	5.3	38
49	Lowering the Detection Limit of Solvent Polymeric Ion-Selective Membrane Electrodes. An Experimental Study with Calcium-Selective Micropipette Electrodes. Analytical Letters, 2003, 36, 2909-2923.	1.0	7
50	All-solid-state surfactant sensing electrode using conductive polymer as internal electric contact. Analytica Chimica Acta, 2001, 437, 67-76.	2.6	58