

# Joel Linden

## List of Publications by Year in descending order

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50  
papers

6,962  
citations

318942

23  
h-index

340414

39  
g-index

50  
all docs

50  
docs citations

50  
times ranked

10403  
citing authors

#	ARTICLE	IF	CITATIONS
1	Developmentally distinct CD4 <sup>+</sup> T <sub>reg</sub> lineages shape the CD8 <sup>+</sup> T cell response to acute <i>Listeria</i> infection. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2113329119.	3.3	4
2	Clearance of apoptotic cells by lung alveolar macrophages prevents development of house dust mite-induced asthmatic lung inflammation. Journal of Allergy and Clinical Immunology, 2021, 147, 1087-1092.e3.	1.5	21
3	Targeting Adenosine with Adenosine Deaminase 2 to Inhibit Growth of Solid Tumors. Cancer Research, 2021, 81, 3319-3332.	0.4	18
4	Cellular sensing of extracellular purine nucleosides triggers an innate IFN- $\gamma$ response. Science Advances, 2020, 6, eaba3688.	4.7	24
5	The Expression of Adenosine A2B Receptor on Antigen-Presenting Cells Suppresses CD8+ T-cell Responses and Promotes Tumor Growth. Cancer Immunology Research, 2020, 8, 1064-1074.	1.6	44
6	Adenosine A2A receptor agonist (regadenoson) in human lung transplantation. Journal of Heart and Lung Transplantation, 2020, 39, 563-570.	0.3	16
7	Contrast-enhanced ultrasound detects changes in microvascular blood flow in adults with sickle cell disease. PLoS ONE, 2019, 14, e0218783.	1.1	9
8	Purine Release, Metabolism, and Signaling in the Inflammatory Response. Annual Review of Immunology, 2019, 37, 325-347.	9.5	209
9	A2AR Adenosine Signaling Suppresses Natural Killer Cell Maturation in the Tumor Microenvironment. Cancer Research, 2018, 78, 1003-1016.	0.4	269
10	Pediatric tolerogenic DCs expressing CD4 and immunoglobulin-like transcript receptor (ILT)4 secrete IL-10 in response to Fc and adenosine. European Journal of Immunology, 2018, 48, 482-491.	1.6	15
11	Induction of antiinflammatory purinergic signaling in activated human iNKT cells. JCI Insight, 2018, 3, .	2.3	14
12	Using Visualization of <i>t</i> -Distributed Stochastic Neighbor Embedding To Identify Immune Cell Subsets in Mouse Tumors. Journal of Immunology, 2017, 198, 4539-4546.	0.4	21
13	Exercise versus vasodilator stress limb perfusion imaging for the assessment of peripheral artery disease. Echocardiography, 2017, 34, 1187-1194.	0.3	14
14	Randomized phase 2 trial of regadenoson for treatment of acute vaso-occlusive crises in sickle cell disease. Blood Advances, 2017, 1, 1645-1649.	2.5	38
15	Adenosine influences myeloid cells to inhibit aeroallergen sensitization. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L985-L992.	1.3	14
16	Purinergic regulation of the immune system. Nature Reviews Immunology, 2016, 16, 177-192.	10.6	607
17	The cholesterol transporter ABCG1 links cholesterol homeostasis and tumour immunity. Nature Communications, 2015, 6, 6354.	5.8	146
18	Characterization of Dahl salt-sensitive rats with genetic disruption of the A2B adenosine receptor gene: implications for A2B adenosine receptor signaling during hypertension. Purinergic Signalling, 2015, 11, 519-531.	1.1	9

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19	Myeloid Expression of Adenosine A2A Receptor Suppresses T and NK Cell Responses in the Solid Tumor Microenvironment. <i>Cancer Research</i> , 2014, 74, 7250-7259.	0.4	238
20	The Role of Adenosine Signaling in Sickle Cell Therapeutics. <i>Hematology/Oncology Clinics of North America</i> , 2014, 28, 287-299.	0.9	24
21	Adenosine A2A Receptors Intrinsically Regulate CD8+ T Cells in the Tumor Microenvironment. <i>Cancer Research</i> , 2014, 74, 7239-7249.	0.4	137
22	Extracellular adenosine regulates colitis through effects on lymphoid and nonlymphoid cells. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, G338-G346.	1.6	18
23	Antibody Mediated Depletion of iNKT Cells Protects Against Hypoxia-Induced Pulmonary Injury in a Murine Model of Sickle Cell Disease. <i>Blood</i> , 2014, 124, 2697-2697.	0.6	3
24	Contrast-Enhanced Ultrasound Detects Differences in Microvascular Blood Flow in Adults with Sickle Cell Disease Administered Regadenoson. <i>Blood</i> , 2014, 124, 2705-2705.	0.6	23
25	Activated Human iNKT Cells in Pediatric Sickle Cell Disease Patients and in Culture Upregulate Ectonucleotidase CD39 and Adenosine a2A Receptor. <i>Blood</i> , 2014, 124, 2734-2734.	0.6	0
26	Intravital Imaging of Pulmonary Neutrophils in Sickle Cell Anemia. <i>Blood</i> , 2014, 124, 1398-1398.	0.6	0
27	Extracellular adenosine regulates naive T cell development and peripheral maintenance. <i>Journal of Experimental Medicine</i> , 2013, 210, 2693-2706.	4.2	86
28	Sickle cell vaso-occlusion causes activation of iNKT cells that is decreased by the adenosine A2A receptor agonist regadenoson. <i>Blood</i> , 2013, 121, 3329-3334.	0.6	87
29	NF- $\kappa$ B Is Activated in CD4+ iNKT Cells by Sickle Cell Disease and Mediates Rapid Induction of Adenosine A2A Receptors. <i>PLoS ONE</i> , 2013, 8, e74664.	1.1	28
30	Non-Invasive Contrast Ultrasound Imaging Of Abnormal Microvascular Perfusion and Reduced Functional Blood Volume In Sickle Cell Disease. <i>Blood</i> , 2013, 122, 994-994.	0.6	0
31	NF- $\kappa$ B Activation Mediates Induction Of Anti-Inflammatory Adenosine A2A Receptors In iNKT Cells Of Sickle Cell Patients During Vaso-Occlusive Episodes and Upon Activation Of Cultured Human iNKT Cells. <i>Blood</i> , 2013, 122, 975-975.	0.6	0
32	Human Sickle Cell Disease Increases Numbers and Activation Of Peripheral Blood Myeloid Dendritic Cells, Monocytes, and Neutrophils. <i>Blood</i> , 2013, 122, 1033-1033.	0.6	0
33	The Role Of NF- $\kappa$ B In The Activation Of Human iNKT Cells In Sickle Cell Disease Patients and In Vitro. <i>Blood</i> , 2013, 122, 2291-2291.	0.6	0
34	The Use Of Two Photon Microscopy To Image Vaso-Occlusion In Pulmonary Microvessels Of Living Mice With Sickle Cell Disease. <i>Blood</i> , 2013, 122, 976-976.	0.6	0
35	Role of Adenosine in Response to Vascular Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 843-844.	1.1	5
36	Adenosine A2B Receptor Blockade Slows Growth of Bladder and Breast Tumors. <i>Journal of Immunology</i> , 2012, 188, 198-205.	0.4	170

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37	Adenosine A 2B receptor blockade slows growth of bladder and breast tumors. FASEB Journal, 2012, 26, 1038.2.	0.2	0
38	Adenosine A2A receptor activation attenuates Th1 and Th17 polarization in the airway. FASEB Journal, 2012, 26, 143.7.	0.2	0
39	Cellâ€™intrinsic adenosine A 2A receptor signaling is required for T cell homeostasis and tumor surveillance. FASEB Journal, 2012, 26, 1119.1.	0.2	0
40	Regadenoson, An Adenosine 2A Receptor Agonist, Is Safe and Inhibits Invariant NKT Cells in Sickle Cell Disease. Blood, 2011, 118, 849-849.	0.6	0
41	Adenosine A2A receptors induced on iNKT and NK cells reduce pulmonary inflammation and injury in mice with sickle cell disease. Blood, 2010, 116, 5010-5020.	0.6	130
42	The A2B Adenosine Receptor Impairs the Maturation and Immunogenicity of Dendritic Cells. Journal of Immunology, 2009, 182, 4616-4623.	0.4	120
43	NKT cells mediate pulmonary inflammation and dysfunction in murine sickle cell disease through production of IFN- $\gamma$ and CXCR3 chemokines. Blood, 2009, 114, 667-676.	0.6	149
44	Adenosine receptors: therapeutic aspects for inflammatory and immune diseases. Nature Reviews Drug Discovery, 2008, 7, 759-770.	21.5	990
45	Adenosine generation catalyzed by CD39 and CD73 expressed on regulatory T cells mediates immune suppression. Journal of Experimental Medicine, 2007, 204, 1257-1265.	4.2	2,000
46	Adenosine A2A receptor activation reduces hepatic ischemia reperfusion injury by inhibiting CD1d-dependent NKT cell activation. Journal of Experimental Medicine, 2006, 203, 2639-2648.	4.2	271
47	Lipopolysaccharide rapidly modifies adenosine receptor transcripts in murine and human macrophages: role of NF- $\kappa$ B in A2A adenosine receptor induction. Biochemical Journal, 2005, 391, 575-580.	1.7	131
48	A2A Adenosine Receptor Induction Inhibits IFN- $\gamma$ Production in Murine CD4+ T Cells. Journal of Immunology, 2005, 174, 1073-1080.	0.4	343
49	Protection from ischemic liver injury by activation of A2A adenosine receptors during reperfusion: inhibition of chemokine induction. American Journal of Physiology - Renal Physiology, 2004, 286, G285-G293.	1.6	160
50	Immunohistochemical localization of adenosine A2A receptors in the rat central nervous system. Journal of Comparative Neurology, 1998, 401, 163-186.	0.9	357