Lawrence P Kane

List of Publications by Year
in descending order

80 papers	6,704 citations	81743 39 h-index	69108 77 g-index
141 all docs	141 docs citations	141 times ranked	8625 citing authors

#	Article	IF	Citations
1	Tim-3 mediates T cell trogocytosis to limit antitumor immunity. Journal of Clinical Investigation, 2022, 132, .	3.9	25
2	Association of Mast Cell Burden and TIM-3 Expression with Recalcitrant Chronic Rhinosinusitis with Nasal Polyps. Annals of Otology, Rhinology and Laryngology, 2021, 130, 1069-1077.	0.6	2
3	The costimulatory activity of Tim-3 requires Akt and MAPK signaling and its recruitment to the immune synapse. Science Signaling, 2021, 14, .	1.6	22
4	Expression of Tim-3 drives phenotypic and functional changes in Treg cells in secondary lymphoid organs and the tumor microenvironment. Cell Reports, 2021, 36, 109699.	2.9	37
5	Regulation of Tim-3 function by binding to phosphatidylserine. Biochemical Journal, 2021, 478, 3999-4004.	1.7	2
6	Differential Expression of Immune Checkpoint Molecules on CD8⁺T Cells Specific for Immunodominant and Subdominant Herpes Simplex Virus 1 Epitopes. Journal of Virology, 2020, 94, .	1.5	6
7	Noncanonical STAT3 activity sustains pathogenic Th17 proliferation and cytokine response to antigen. Journal of Experimental Medicine, 2020, 217, .	4.2	30
8	PIK3IP1 Promotes Extrafollicular Class Switching in T-Dependent Immune Responses. Journal of Immunology, 2020, 205, 2100-2108.	0.4	5
9	Glial TIM-3 Modulates Immune Responses in the Brain Tumor Microenvironment. Cancer Research, 2020, 80, 1833-1845.	0.4	18
10	Control of T lymphocyte fate decisions by PI3K signaling. F1000Research, 2020, 9, 1171.	0.8	6
11	A predicted Francisella tularensis DXD-motif glycosyltransferase blocks immune activation. Virulence, 2019, 10, 643-656.	1.8	3
12	The Alzheimerâ€™s Diseaseâ€“Associated Protein BACE1 Modulates T Cell Activation and Th17 Function. Journal of Immunology, 2019, 203, 665-675.	0.4	10
13	Tim-3 co-stimulation promotes short-lived effector T cells, restricts memory precursors, and is dispensable for T cell exhaustion. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 2455-2460.	3.3	124
14	Novel Effector Phenotype of Tim-3+ Regulatory T Cells Leads to Enhanced Suppressive Function in Head and Neck Cancer Patients. Clinical Cancer Research, 2018, 24, 4529-4538.	3.2	82
15	PIK3IP1/TrIP restricts activation of T cells through inhibition of PI3K/Akt. Journal of Experimental Medicine, 2018, 215, 3165-3179.	4.2	30
16	TIMâ€3â€“Expressing Mast Cells Are Present in Chronic Rhinosinusitis with Nasal Polyps. Otolaryngology - Head and Neck Surgery, 2018, 159, 581-586.	1.1	9
17	Kidney-infiltrating T cells in murine lupus nephritis are metabolically and functionally exhausted. Journal of Clinical Investigation, 2018, 128, 4884-4897.	3.9	95
18	Immune regulation by Tim-3. F1000Research, 2018, 7, 316.	0.8	68

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19	Inducible turnover of optineurin regulates T cell activation. Molecular Immunology, 2017, 85, 9-17.	1.0	8
20	Increased PD-1+ and TIM-3+ TILs during Cetuximab Therapy Inversely Correlate with Response in Head and Neck Cancer Patients. Cancer Immunology Research, 2017, 5, 408-416.	1.6	84
21	Adaptive resistance to anti-PD1 therapy by Tim-3 upregulation is mediated by the PI3K-Akt pathway in head and neck cancer. OncoImmunology, 2017, 6, e1261779.	2.1	235
22	Cutting Edge: Murine Mast Cells Rapidly Modulate Metabolic Pathways Essential for Distinct Effector Functions. Journal of Immunology, 2017, 198, 640-644.	0.4	34
23	Oral epithelial cells orchestrate innate type 17 responses to Candida albicans through the virulence factor candidalysin. Science Immunology, 2017, 2, .	5.6	154
24	TIM-3 as a Target for Cancer Immunotherapy and Mechanisms of Action. International Journal of Molecular Sciences, 2017, 18, 645.	1.8	193
25	IL-17 Signaling Triggers Degradation of the Constitutive NF-ÎºB Inhibitor ABIN-1. ImmunoHorizons, 2017, 1, 133-141.	0.8	16
26	Reversing T Cell Dysfunction for Tumor Immunotherapy. , 2016, , 109-128.		0
27	Tumor-infiltrating Tim-3⁺ T cells proliferate avidly except when PD-1 is co-expressed: Evidence for intracellular cross talk. OncoImmunology, 2016, 5, e1200778.	2.1	47
28	Dose-Dependent Suppression of Cytokine production from T cells by a Novel Phosphoinositide 3-Kinase Delta Inhibitor. Scientific Reports, 2016, 6, 30384.	1.6	17
29	Mast cell activation is enhanced by Tim1:Tim4 interaction but not by Tim-1 antibodies. F1000Research, 2016, 5, 251.	0.8	2
30	Mast cell activation is enhanced by Tim1:Tim4 interaction but not by Tim-1 antibodies. F1000Research, 2016, 5, 251.	0.8	2
31	Cutting Edge: Differential Regulation of PTEN by TCR, Akt, and FoxO1 Controls CD4+ T Cell Fate Decisions. Journal of Immunology, 2015, 194, 4615-4619.	0.4	50
32	Tim-3 enhances FcÎµRI-proximal signaling to modulate mast cell activation. Journal of Experimental Medicine, 2015, 212, 2289-2304.	4.2	91
33	PD-1/SHP-2 Inhibits Tc1/Th1 Phenotypic Responses and the Activation of T Cells in the Tumor Microenvironment. Cancer Research, 2015, 75, 508-518.	0.4	184
34	Antigen Receptor Kinase Two-Step. Journal of Immunology, 2014, 193, 4277-4278.	0.4	1
35	T Cell Receptorâ€“Dependent Activation of mTOR Signaling in T Cells Is Mediated by Carma1 and MALT1, But Not Bcl10. Science Signaling, 2014, 7, ra55.	1.6	99
36	Phosphorylation of Carma1, but not Bcl10, by Akt regulates TCR/CD28-mediated NF-ÎºB induction and cytokine production. Molecular Immunology, 2014, 59, 110-116.	1.0	14

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37	Complement Component C5a Permits the Coexistence of Pathogenic Th17 Cells and Type I IFN in Lupus. Journal of Immunology, 2014, 193, 3288-3295.	0.4	21
38	Too Much of a Good Thing? Tim-3 and TCR Signaling in T Cell Exhaustion. Journal of Immunology, 2014, 193, 1525-1530.	0.4	149
39	The Duration of T Cell Stimulation Is a Critical Determinant of Cell Fate and Plasticity. Science Signaling, 2013, 6, ra97.	1.6	98
40	TIM3 expression by leukemic and nonâ€leukemic myeloblasts. Cytometry Part B - Clinical Cytometry, 2013, 84B, 167-172.	0.7	17
41	Global identification of genes and pathways regulated by Akt during activation of T helper cells. F1000Research, 2013, 2, 109.	0.8	5
42	Correction: T Cell Ig and Mucin Domain Proteins and Immunity. Journal of Immunology, 2012, 189, 4695-4695.	0.4	1
43	Inhibition of <scp>T</scp>â€cell activation by <scp>PIK</scp>3<scp>IP</scp>1. European Journal of Immunology, 2012, 42, 2754-2759.	1.6	33
44	Murine Tim-1 is excluded from the immunological synapse. F1000Research, 2012, 1, 10.	0.8	5
45	TIM polymorphismsâ€"genetics and function. Genes and Immunity, 2011, 12, 595-604.	2.2	47
46	Regulation of NF-ÎºB induction by TCR/CD28. Immunologic Research, 2011, 50, 113-117.	1.3	69
47	Galectin-9 regulates T helper cell function independently of Tim-3. Glycobiology, 2011, 21, 1258-1265.	1.3	92
48	Akt Fine-tunes NF-ÎºB-dependent Gene Expression during T Cell Activation. Journal of Biological Chemistry, 2011, 286, 36076-36085.	1.6	52
49	Phosphotyrosine-Dependent Coupling of Tim-3 to T-Cell Receptor Signaling Pathways. Molecular and Cellular Biology, 2011, 31, 3963-3974.	1.1	218
50	IL-17RC Is Required for Immune Signaling via an Extended SEF/IL-17R Signaling Domain in the Cytoplasmic Tail. Journal of Immunology, 2010, 185, 1063-1070.	0.4	114
51	T Cell Ig and Mucin Domain Proteins and Immunity. Journal of Immunology, 2010, 184, 2743-2749.	0.4	66
52	Pharmacological prion protein silencing accelerates central nervous system autoimmune disease via T cell receptor signalling. Brain, 2010, 133, 375-388.	3.7	36
53	Dominant Role of Antigen Dose in CD4+Foxp3+ Regulatory T Cell Induction and Expansion. Journal of Immunology, 2009, 183, 4895-4903.	0.4	158
54	Aberrant TGF-Î² signaling reduces T regulatory cells in ICAM-1-deficient mice, increasing the inflammatory response to Mycobacterium tuberculosis. Journal of Leukocyte Biology, 2009, 86, 713-725.	1.5	16

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55	TIM-1 and TIM-3 proteins in immune regulation. Cytokine, 2008, 44, 9-13.	1.4	61
56	T Cell Ig and Mucin Domain-1-Mediated T Cell Activation Requires Recruitment and Activation of Phosphoinositide 3-Kinase. Journal of Immunology, 2008, 180, 6518-6526.	0.4	56
57	TIMâ€1 signaling in T cell activation. FASEB Journal, 2008, 22, 663.26.	0.2	0
58	Timâ€3 Signaling in T cells and Dendritic Cells. FASEB Journal, 2008, 22, 663.16.	0.2	0
59	Promotion of Tissue Inflammation by the Immune Receptor Tim-3 Expressed on Innate Immune Cells. Science, 2007, 318, 1141-1143.	6.0	623
60	TIM family proteins and autoimmunity. Autoimmunity, 2007, 40, 405-408.	1.2	5
61	Immune Regulation by the TIM Gene Family. Immunologic Research, 2006, 36, 147-156.	1.3	17
62	CARMA1 Is Required for Akt-Mediated NF-ÎºB Activation in T Cells. Molecular and Cellular Biology, 2006, 26, 2327-2336.	1.1	78
63	Cutting Edge: Inhibition of T Cell Activation by TIM-2. Journal of Immunology, 2006, 177, 4966-4970.	0.4	40
64	T cell Ig and mucin 1 (TIM-1) is expressed on in vivo-activated T cells and provides a costimulatory signal for T cell activation. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 17113-17118.	3.3	133
65	Dynamic Regulation of Tec Kinase Localization in Membrane-proximal Vesicles of a T Cell Clone Revealed by Total Internal Reflection Fluorescence and Confocal Microscopy. Journal of Biological Chemistry, 2005, 280, 21949-21954.	1.6	18
66	Expression and Function of Tec, Itk, and Btk in Lymphocytes: Evidence for a Unique Role for Tec. Molecular and Cellular Biology, 2004, 24, 2455-2466.	1.1	81
67	A Proline-Rich Motif in the C Terminus of Akt Contributes to Its Localization in the Immunological Synapse. Journal of Immunology, 2004, 172, 5441-5449.	0.4	32
68	Distinct regions in the CD28 cytoplasmic domain are required for T helper type 2 differentiation. Nature Immunology, 2004, 5, 435-442.	7.0	53
69	The PI-3â€ƒkinase/Akt pathway and T cell activation: pleiotropic pathways downstream of PIP3. Immunological Reviews, 2003, 192, 7-20.	2.8	227
70	Akt-Dependent Phosphorylation Specifically Regulates Cot Induction of NF-ÎºB-Dependent Transcription. Molecular and Cellular Biology, 2002, 22, 5962-5974.	1.1	140
71	It's all Rel-ative: NF-ÎºB and CD28 costimulation of T-cell activation. Trends in Immunology, 2002, 23, 413-420.	2.9	173
72	Akt provides the CD28 costimulatory signal for up-regulation of IL-2 and IFN-Î³ but not TH2 cytokines. Nature Immunology, 2001, 2, 37-44.	7.0	294

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73	Disruption of Akt kinase activation is important for immunosuppression induced by measles virus. Nature Medicine, 2001, 7, 725-731.	15.2	120
74	Signal transduction by the TCR for antigen. Current Opinion in Immunology, 2000, 12, 242-249.	2.4	456
75	Effects of a Constitutively Active Form of Calcineurin on T Cell Activation and Thymic Selection. Journal of Immunology, 2000, 165, 3713-3721.	0.4	37
76	Induction of NF-ÎºB by the Akt/PKB kinase. Current Biology, 1999, 9, 601-S1.	1.8	819
77	A Nck-Pak1 signaling module is required for T-cell receptor-mediated activation of NFAT, but not of JNK. EMBO Journal, 1998, 17, 5647-5657.	3.5	121
78	Cellular and biochemical requirements for thymocyte negative selection. Seminars in Immunology, 1996, 8, 69-82.	2.7	27
79	Intracellular signals that mediate thymic negative selection. Immunity, 1994, 1, 45-56.	6.6	56
80	Thrombospondin expression in traumatized skeletal muscle. Cell and Tissue Research, 1990, 261, 73-84.	1.5	30