

# Lawrence P Kane

## List of Publications by Year in descending order

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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	Induction of NF- $\kappa$ B by the Akt/PKB kinase. <i>Current Biology</i> , 1999, 9, 601-S1.	1.8	819
2	Promotion of Tissue Inflammation by the Immune Receptor Tim-3 Expressed on Innate Immune Cells. <i>Science</i> , 2007, 318, 1141-1143.	6.0	623
3	Signal transduction by the TCR for antigen. <i>Current Opinion in Immunology</i> , 2000, 12, 242-249.	2.4	456
4	Akt provides the CD28 costimulatory signal for up-regulation of IL-2 and IFN- $\gamma$ but not TH2 cytokines. <i>Nature Immunology</i> , 2001, 2, 37-44.	7.0	294
5	Adaptive resistance to anti-PD1 therapy by Tim-3 upregulation is mediated by the PI3K-Akt pathway in head and neck cancer. <i>Oncotmunology</i> , 2017, 6, e1261779.	2.1	235
6	The PI-3 $\beta$ kinase/Akt pathway and T cell activation: pleiotropic pathways downstream of PIP3. <i>Immunological Reviews</i> , 2003, 192, 7-20.	2.8	227
7	Phosphotyrosine-Dependent Coupling of Tim-3 to T-Cell Receptor Signaling Pathways. <i>Molecular and Cellular Biology</i> , 2011, 31, 3963-3974.	1.1	218
8	TIM-3 as a Target for Cancer Immunotherapy and Mechanisms of Action. <i>International Journal of Molecular Sciences</i> , 2017, 18, 645.	1.8	193
9	PD-1/SHP-2 Inhibits Tc1/Th1 Phenotypic Responses and the Activation of T Cells in the Tumor Microenvironment. <i>Cancer Research</i> , 2015, 75, 508-518.	0.4	184
10	It's all Rel-ative: NF- $\kappa$ B and CD28 costimulation of T-cell activation. <i>Trends in Immunology</i> , 2002, 23, 413-420.	2.9	173
11	Dominant Role of Antigen Dose in CD4+Foxp3+ Regulatory T Cell Induction and Expansion. <i>Journal of Immunology</i> , 2009, 183, 4895-4903.	0.4	158
12	Oral epithelial cells orchestrate innate type 17 responses to <i>Candida albicans</i> through the virulence factor candidalysin. <i>Science Immunology</i> , 2017, 2, .	5.6	154
13	Too Much of a Good Thing? Tim-3 and TCR Signaling in T Cell Exhaustion. <i>Journal of Immunology</i> , 2014, 193, 1525-1530.	0.4	149
14	Akt-Dependent Phosphorylation Specifically Regulates Cot Induction of NF- $\kappa$ B-Dependent Transcription. <i>Molecular and Cellular Biology</i> , 2002, 22, 5962-5974.	1.1	140
15	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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 17113-17118.	3.3	133
16	Tim-3 co-stimulation promotes short-lived effector T cells, restricts memory precursors, and is dispensable for T cell exhaustion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 2455-2460.	3.3	124
17	A Nck-Pak1 signaling module is required for T-cell receptor-mediated activation of NFAT, but not of JNK. <i>EMBO Journal</i> , 1998, 17, 5647-5657.	3.5	121
18	Disruption of Akt kinase activation is important for immunosuppression induced by measles virus. <i>Nature Medicine</i> , 2001, 7, 725-731.	15.2	120

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19	IL-17RC Is Required for Immune Signaling via an Extended SEF/IL-17R Signaling Domain in the Cytoplasmic Tail. <i>Journal of Immunology</i> , 2010, 185, 1063-1070.	0.4	114
20	T Cell Receptor-Dependent Activation of mTOR Signaling in T Cells Is Mediated by Carma1 and MALT1, But Not Bcl10. <i>Science Signaling</i> , 2014, 7, ra55.	1.6	99
21	The Duration of T Cell Stimulation Is a Critical Determinant of Cell Fate and Plasticity. <i>Science Signaling</i> , 2013, 6, ra97.	1.6	98
22	Kidney-infiltrating T cells in murine lupus nephritis are metabolically and functionally exhausted. <i>Journal of Clinical Investigation</i> , 2018, 128, 4884-4897.	3.9	95
23	Galectin-9 regulates T helper cell function independently of Tim-3. <i>Glycobiology</i> , 2011, 21, 1258-1265.	1.3	92
24	Tim-3 enhances Fc $\mu$ RI-proximal signaling to modulate mast cell activation. <i>Journal of Experimental Medicine</i> , 2015, 212, 2289-2304.	4.2	91
25	Increased PD-1+ and TIM-3+ TILs during Cetuximab Therapy Inversely Correlate with Response in Head and Neck Cancer Patients. <i>Cancer Immunology Research</i> , 2017, 5, 408-416.	1.6	84
26	Novel Effector Phenotype of Tim-3+ Regulatory T Cells Leads to Enhanced Suppressive Function in Head and Neck Cancer Patients. <i>Clinical Cancer Research</i> , 2018, 24, 4529-4538.	3.2	82
27	Expression and Function of Tec, Itk, and Btk in Lymphocytes: Evidence for a Unique Role for Tec. <i>Molecular and Cellular Biology</i> , 2004, 24, 2455-2466.	1.1	81
28	CARMA1 Is Required for Akt-Mediated NF- $\kappa$ B Activation in T Cells. <i>Molecular and Cellular Biology</i> , 2006, 26, 2327-2336.	1.1	78
29	Regulation of NF- $\kappa$ B induction by TCR/CD28. <i>Immunologic Research</i> , 2011, 50, 113-117.	1.3	69
30	Immune regulation by Tim-3. <i>F1000Research</i> , 2018, 7, 316.	0.8	68
31	T Cell Ig and Mucin Domain Proteins and Immunity. <i>Journal of Immunology</i> , 2010, 184, 2743-2749.	0.4	66
32	TIM-1 and TIM-3 proteins in immune regulation. <i>Cytokine</i> , 2008, 44, 9-13.	1.4	61
33	Intracellular signals that mediate thymic negative selection. <i>Immunity</i> , 1994, 1, 45-56.	6.6	56
34	T Cell Ig and Mucin Domain-1-Mediated T Cell Activation Requires Recruitment and Activation of Phosphoinositide 3-Kinase. <i>Journal of Immunology</i> , 2008, 180, 6518-6526.	0.4	56
35	Distinct regions in the CD28 cytoplasmic domain are required for T helper type 2 differentiation. <i>Nature Immunology</i> , 2004, 5, 435-442.	7.0	53
36	Akt Fine-tunes NF- $\kappa$ B-dependent Gene Expression during T Cell Activation. <i>Journal of Biological Chemistry</i> , 2011, 286, 36076-36085.	1.6	52

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37	Cutting Edge: Differential Regulation of PTEN by TCR, Akt, and FoxO1 Controls CD4+ T Cell Fate Decisions. <i>Journal of Immunology</i> , 2015, 194, 4615-4619.	0.4	50
38	TIM polymorphismsâ€™ genetics and function. <i>Genes and Immunity</i> , 2011, 12, 595-604.	2.2	47
39	Tumor-infiltrating Tim-3<sup>+</sup> T cells proliferate avidly except when PD-1 is co-expressed: Evidence for intracellular cross talk. <i>Oncolimmunology</i> , 2016, 5, e1200778.	2.1	47
40	Cutting Edge: Inhibition of T Cell Activation by TIM-2. <i>Journal of Immunology</i> , 2006, 177, 4966-4970.	0.4	40
41	Effects of a Constitutively Active Form of Calcineurin on T Cell Activation and Thymic Selection. <i>Journal of Immunology</i> , 2000, 165, 3713-3721.	0.4	37
42	Expression of Tim-3 drives phenotypic and functional changes in Treg cells in secondary lymphoid organs and the tumor microenvironment. <i>Cell Reports</i> , 2021, 36, 109699.	2.9	37
43	Pharmacological prion protein silencing accelerates central nervous system autoimmune disease via T cell receptor signalling. <i>Brain</i> , 2010, 133, 375-388.	3.7	36
44	Cutting Edge: Murine Mast Cells Rapidly Modulate Metabolic Pathways Essential for Distinct Effector Functions. <i>Journal of Immunology</i> , 2017, 198, 640-644.	0.4	34
45	Inhibition of <sc>T</sc>â€™ cell activation by <sc>PIK</sc>3<sc>IP</sc>1. <i>European Journal of Immunology</i> , 2012, 42, 2754-2759.	1.6	33
46	A Proline-Rich Motif in the C Terminus of Akt Contributes to Its Localization in the Immunological Synapse. <i>Journal of Immunology</i> , 2004, 172, 5441-5449.	0.4	32
47	Thrombospondin expression in traumatized skeletal muscle. <i>Cell and Tissue Research</i> , 1990, 261, 73-84.	1.5	30
48	PIK3IP1/TrIP restricts activation of T cells through inhibition of PI3K/Akt. <i>Journal of Experimental Medicine</i> , 2018, 215, 3165-3179.	4.2	30
49	Noncanonical STAT3 activity sustains pathogenic Th17 proliferation and cytokine response to antigen. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	30
50	Cellular and biochemical requirements for thymocyte negative selection. <i>Seminars in Immunology</i> , 1996, 8, 69-82.	2.7	27
51	Tim-3 mediates T cell trogocytosis to limit antitumor immunity. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	25
52	The costimulatory activity of Tim-3 requires Akt and MAPK signaling and its recruitment to the immune synapse. <i>Science Signaling</i> , 2021, 14, .	1.6	22
53	Complement Component C5a Permits the Coexistence of Pathogenic Th17 Cells and Type I IFN in Lupus. <i>Journal of Immunology</i> , 2014, 193, 3288-3295.	0.4	21
54	Dynamic Regulation of Tec Kinase Localization in Membrane-proximal Vesicles of a T Cell Clone Revealed by Total Internal Reflection Fluorescence and Confocal Microscopy. <i>Journal of Biological Chemistry</i> , 2005, 280, 21949-21954.	1.6	18

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55	Glial TIM-3 Modulates Immune Responses in the Brain Tumor Microenvironment. <i>Cancer Research</i> , 2020, 80, 1833-1845.	0.4	18
56	Immune Regulation by the TIM Gene Family. <i>Immunologic Research</i> , 2006, 36, 147-156.	1.3	17
57	TIM3 expression by leukemic and non-leukemic myeloblasts. <i>Cytometry Part B - Clinical Cytometry</i> , 2013, 84B, 167-172.	0.7	17
58	Dose-Dependent Suppression of Cytokine production from T cells by a Novel Phosphoinositide 3-Kinase Delta Inhibitor. <i>Scientific Reports</i> , 2016, 6, 30384.	1.6	17
59	Aberrant TGF- $\beta$ 2 signaling reduces T regulatory cells in ICAM-1-deficient mice, increasing the inflammatory response to <i>Mycobacterium tuberculosis</i> . <i>Journal of Leukocyte Biology</i> , 2009, 86, 713-725.	1.5	16
60	IL-17 Signaling Triggers Degradation of the Constitutive NF- $\kappa$ B Inhibitor ABIN-1. <i>ImmunoHorizons</i> , 2017, 1, 133-141.	0.8	16
61	Phosphorylation of Carma1, but not Bcl10, by Akt regulates TCR/CD28-mediated NF- $\kappa$ B induction and cytokine production. <i>Molecular Immunology</i> , 2014, 59, 110-116.	1.0	14
62	The Alzheimer's Disease-Associated Protein BACE1 Modulates T Cell Activation and Th17 Function. <i>Journal of Immunology</i> , 2019, 203, 665-675.	0.4	10
63	TIM-3-Expressing Mast Cells Are Present in Chronic Rhinosinusitis with Nasal Polyps. <i>Otolaryngology - Head and Neck Surgery</i> , 2018, 159, 581-586.	1.1	9
64	Inducible turnover of optineurin regulates T cell activation. <i>Molecular Immunology</i> , 2017, 85, 9-17.	1.0	8
65	Differential Expression of Immune Checkpoint Molecules on CD8 <sup>+</sup> T Cells Specific for Immunodominant and Subdominant Herpes Simplex Virus 1 Epitopes. <i>Journal of Virology</i> , 2020, 94, .	1.5	6
66	Control of T lymphocyte fate decisions by PI3K signaling. <i>F1000Research</i> , 2020, 9, 1171.	0.8	6
67	TIM family proteins and autoimmunity. <i>Autoimmunity</i> , 2007, 40, 405-408.	1.2	5
68	PIK3IP1 Promotes Extrafollicular Class Switching in T-Dependent Immune Responses. <i>Journal of Immunology</i> , 2020, 205, 2100-2108.	0.4	5
69	Murine Tim-1 is excluded from the immunological synapse. <i>F1000Research</i> , 2012, 1, 10.	0.8	5
70	Global identification of genes and pathways regulated by Akt during activation of T helper cells. <i>F1000Research</i> , 2013, 2, 109.	0.8	5
71	A predicted <i>Francisella tularensis</i> DXD-motif glycosyltransferase blocks immune activation. <i>Virulence</i> , 2019, 10, 643-656.	1.8	3
72	Association of Mast Cell Burden and TIM-3 Expression with Recalcitrant Chronic Rhinosinusitis with Nasal Polyps. <i>Annals of Otology, Rhinology and Laryngology</i> , 2021, 130, 1069-1077.	0.6	2

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73	Mast cell activation is enhanced by Tim1:Tim4 interaction but not by Tim-1 antibodies. F1000Research, 2016, 5, 251.	0.8	2
74	Mast cell activation is enhanced by Tim1:Tim4 interaction but not by Tim-1 antibodies. F1000Research, 2016, 5, 251.	0.8	2
75	Regulation of Tim-3 function by binding to phosphatidylserine. Biochemical Journal, 2021, 478, 3999-4004.	1.7	2
76	Correction: T Cell Ig and Mucin Domain Proteins and Immunity. Journal of Immunology, 2012, 189, 4695-4695.	0.4	1
77	Antigen Receptor Kinase Two-Step. Journal of Immunology, 2014, 193, 4277-4278.	0.4	1
78	Reversing T Cell Dysfunction for Tumor Immunotherapy. , 2016, , 109-128.		0
79	TIM $\alpha$ 1 signaling in T cell activation. FASEB Journal, 2008, 22, 663.26.	0.2	0
80	Tim $\alpha$ 3 Signaling in T cells and Dendritic Cells. FASEB Journal, 2008, 22, 663.16.	0.2	0