Carl F Ware

List of Publications by Year
in descending order

91 papers	7,972 citations	71102 41 h-index	51608 86 g-index
110 all docs	110 docs citations	110 times ranked	9307 citing authors

#	Article	IF	Citations
1	The Lymphotoxin-Î² Receptor Induces Different Patterns of Gene Expression via Two NF-Î³B Pathways. Immunity, 2002, 17, 525-535.	14.3	842
2	LIGHT, a New Member of the TNF Superfamily, and Lymphotoxin Î± Are Ligands for Herpesvirus Entry Mediator. Immunity, 1998, 8, 21-30.	14.3	720
3	B and T lymphocyte attenuator regulates T cell activation through interaction with herpesvirus entry mediator. Nature Immunology, 2005, 6, 90-98.	14.5	543
4	NETWORK COMMUNICATIONS: Lymphotoxins, LIGHT, and TNF. Annual Review of Immunology, 2005, 23, 787-819.	21.8	399
5	Clinical targeting of the TNF and TNFR superfamilies. Nature Reviews Drug Discovery, 2013, 12, 147-168.	46.4	364
6	The TNF Receptor Superfamily in Co-stimulating and Co-inhibitory Responses. Immunity, 2016, 44, 1005-1019.	14.3	323
7	Intrinsic Lymphotoxin-Î² Receptor Requirement for Homeostasis of Lymphoid Tissue Dendritic Cells. Immunity, 2005, 22, 439-450.	14.3	304
8	A signature of circulating inflammatory proteins and development of end-stage renal disease in diabetes. Nature Medicine, 2019, 25, 805-813.	30.7	260
9	Constitutive Expression of LIGHT on T Cells Leads to Lymphocyte Activation, Inflammation, and Tissue Destruction. Journal of Immunology, 2001, 167, 6330-6337.	0.8	217
10	From The Cover: Evolutionarily divergent herpesviruses modulate T cell activation by targeting the herpesvirus entry mediator cosignaling pathway. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13218-13223.	7.1	190
11	The signaling networks of the herpesvirus entry mediator (TNFRSF14) in immune regulation. Immunological Reviews, 2011, 244, 169-187.	6.0	176
12	Unconventional ligand activation of herpesvirus entry mediator signals cell survival. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 6244-6249.	7.1	165
13	The tumor necrosis factor family member LIGHT is a target for asthmatic airway remodeling. Nature Medicine, 2011, 17, 596-603.	30.7	160
14	Structure of a HOIP/E2~ubiquitin complex reveals RBR E3 ligase mechanism and regulation. Nature, 2016, 529, 546-550.	27.8	141
15	LTÎ²R Signaling Induces Cytokine Expression and Up-Regulates Lymphangiogenic Factors in Lymph Node Anlagen. Journal of Immunology, 2009, 182, 5439-5445.	0.8	135
16	Lymphotoxin-Mediated Crosstalk between B Cells and Splenic Stroma Promotes the Initial Type I Interferon Response to Cytomegalovirus. Cell Host and Microbe, 2008, 3, 67-76.	11.0	124
17	T Cell Intrinsic Heterodimeric Complexes between HVEM and BTLA Determine Receptivity to the Surrounding Microenvironment. Journal of Immunology, 2009, 183, 7286-7296.	0.8	121
18	A crucial role for HVEM and BTLA in preventing intestinal inflammation. Journal of Experimental Medicine, 2008, 205, 1463-1476.	8.5	118

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19	Alternative Entry Receptors for Herpes Simplex Virus and Their Roles in Disease. Cell Host and Microbe, 2007, 2, 19-28.	11.0	116
20	Cytomegalovirus exploits IL-10â€“mediated immune regulation in the salivary glands. Journal of Experimental Medicine, 2007, 204, 1217-1225.	8.5	115
21	The TNF Superfamily. Cytokine and Growth Factor Reviews, 2003, 14, 181-184.	7.2	108
22	Targeting lymphocyte activation through the lymphotoxin and LIGHT pathways. Immunological Reviews, 2008, 223, 186-201.	6.0	107
23	Expression of the lymphotoxin Î² receptor on follicular stromal cells in human lymphoid tissues. Cell Death and Differentiation, 1998, 5, 497-505.	11.2	100
24	The Lymphotoxin Pathway Regulates Aire-Independent Expression of Ectopic Genes and Chemokines in Thymic Stromal Cells. Journal of Immunology, 2008, 180, 5384-5392.	0.8	96
25	TNF Superfamily Networks: bidirectional and interference pathways of the herpesvirus entry mediator (TNFSF14). Current Opinion in Immunology, 2011, 23, 627-631.	5.5	93
26	The Inhibitory Receptor BTLA Controls Î³Î´ T Cell Homeostasis and Inflammatory Responses. Immunity, 2013, 39, 1082-1094.	14.3	93
27	Commensal microbiota influence systemic autoimmune responses. EMBO Journal, 2015, 34, 466-474.	7.8	93
28	CD160 Activation by Herpesvirus Entry Mediator Augments Inflammatory Cytokine Production and Cytolytic Function by NK Cells. Journal of Immunology, 2013, 191, 828-836.	0.8	84
29	The Inhibitory HVEM-BTLA Pathway Counter Regulates Lymphotoxin Î² Receptor Signaling to Achieve Homeostasis of Dendritic Cells. Journal of Immunology, 2008, 180, 238-248.	0.8	80
30	A Lymphotoxin-IFN-Î² Axis Essential for Lymphocyte Survival Revealed during Cytomegalovirus Infection. Journal of Immunology, 2005, 174, 7217-7225.	0.8	78
31	The HVEM-BTLA Axis Restrains T Cell Help to Germinal Center B Cells and Functions as a Cell-Extrinsic Suppressor in Lymphomagenesis. Immunity, 2019, 51, 310-323.e7.	14.3	74
32	Tumor Necrosis Factor Superfamily in Innate Immunity and Inflammation. Cold Spring Harbor Perspectives in Biology, 2015, 7, a016279.	5.5	73
33	Herpesvirus entry mediator (TNFRSF14) regulates the persistence of T helper memory cell populations. Journal of Experimental Medicine, 2011, 208, 797-809.	8.5	72
34	Cross-regulation between herpesviruses and the TNF superfamily members. Nature Reviews Immunology, 2008, 8, 861-873.	22.7	66
35	Allosteric Regulation of the Ubiquitin:NIK and Ubiquitin:TRAF3 E3 Ligases by the Lymphotoxin-Î² Receptor. Journal of Biological Chemistry, 2010, 285, 17148-17155.	3.4	65
36	CD8 T Cell Memory to a Viral Pathogen Requires Trans Cosignaling between HVEM and BTLA. PLoS ONE, 2013, 8, e77991.	2.5	64

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37	BTLA Interaction with HVEM Expressed on CD8+ T Cells Promotes Survival and Memory Generation in Response to a Bacterial Infection. PLoS ONE, 2013, 8, e77992.	2.5	62
38	Biphasic role of 4â€1BB in the regulation of mouse cytomegalovirusâ€specific CD8⁺ T cells. European Journal of Immunology, 2010, 40, 2762-2768.	2.9	58
39	The TNF Superfamily-2008. Cytokine and Growth Factor Reviews, 2008, 19, 183-186.	7.2	55
40	p100/IÎºBÎ´ sequesters and inhibits NF-ÎºB through kappaBsome formation. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15946-15951.	7.1	54
41	The Adaptor Molecule MyD88 Directly Promotes CD8 T Cell Responses to Vaccinia Virus. Journal of Immunology, 2009, 182, 6278-6286.	0.8	52
42	Targeting the LIGHT-HVEM Pathway. Advances in Experimental Medicine and Biology, 2009, 647, 146-155.	1.6	42
43	Group 3 Innate Lymphoid Cells Program a Distinct Subset of IL-22BP-Producing Dendritic Cells Demarcating Solitary Intestinal Lymphoid Tissues. Immunity, 2020, 53, 1015-1032.e8.	14.3	41
44	Interactions between Herpesvirus Entry Mediator (TNFRSF14) and Latency-Associated Transcript during Herpes Simplex Virus 1 Latency. Journal of Virology, 2014, 88, 1961-1971.	3.4	36
45	A new HIFâ€1Î±/RANTESâ€driven pathway to hepatocellular carcinoma mediated by germline haploinsufficiency of SART1/HAF in mice. Hepatology, 2016, 63, 1576-1591.	7.3	35
46	Structural Determinants of Herpesvirus Entry Mediator Recognition by Murine B and T Lymphocyte Attenuator. Journal of Immunology, 2008, 180, 940-947.	0.8	33
47	Levels of the TNF-Related Cytokine LIGHT Increase in Hospitalized COVID-19 Patients with Cytokine Release Syndrome and ARDS. MSphere, 2020, 5, .	2.9	33
48	LIGHT/TNFSF14 Promotes Osteolytic Bone Metastases in Nonâ€small Cell Lung Cancer Patients. Journal of Bone and Mineral Research, 2020, 35, 671-680.	2.8	31
49	The Lymphotoxin Network: Orchestrating a Type I interferon response to optimize adaptive immunity. Cytokine and Growth Factor Reviews, 2014, 25, 139-145.	7.2	29
50	Critical Roles for LIGHT and Its Receptors in Generating T Cell-Mediated Immunity during Leishmania donovani Infection. PLoS Pathogens, 2011, 7, e1002279.	4.7	26
51	HVEM Imprints Memory Potential on Effector CD8 T Cells Required for Protective Mucosal Immunity. Journal of Immunology, 2017, 199, 2968-2975.	0.8	26
52	Perivascular Fibroblasts of the Developing Spleen Act as LTÎ±1Î²2-Dependent Precursors of Both T and B Zone Organizer Cells. Cell Reports, 2017, 21, 2500-2514.	6.4	26
53	B Cellâ€Mediated Maintenance of Cluster of Differentiation 169â€“Positive Cells Is Critical for Liver Regeneration. Hepatology, 2018, 68, 2348-2361.	7.3	26
54	Lymphotoxin network pathways shape the tumor microenvironment. Current Opinion in Immunology, 2013, 25, 222-229.	5.5	25

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55	Lymphotoxin Î² Receptor Controls T Cell Progenitor Entry to the Thymus. Journal of Immunology, 2016, 197, 2665-2672.	0.8	24
56	The TNF Superfamily Molecule LIGHT Promotes the Generation of Circulating and Lung-Resident Memory CD8 T Cells following an Acute Respiratory Virus Infection. Journal of Immunology, 2018, 200, 2894-2904.	0.8	23
57	Deficiency of the B Cell-Activating Factor Receptor Results in Limited CD169 ⁺ Macrophage Function during Viral Infection. Journal of Virology, 2015, 89, 4748-4759.	3.4	22
58	Polymorphic Variants of LIGHT (TNF Superfamily-14) Alter Receptor Avidity and Bioavailability. Journal of Immunology, 2010, 185, 1949-1958.	0.8	19
59	Extracellular adenosine regulates colitis through effects on lymphoid and nonlymphoid cells. American Journal of Physiology - Renal Physiology, 2014, 307, G338-G346.	3.4	18
60	LTÎ²R signalling preferentially accelerates oncogenic AKT-initiated liver tumours. Gut, 2016, 65, 1765-1775.	12.1	17
61	A herpesvirus entry mediator mutein with selective agonist action for the inhibitory receptor B and T lymphocyte attenuator. Journal of Biological Chemistry, 2017, 292, 21060-21070.	3.4	17
62	The NF-ÎºB subunit RelB controls p100 processing by competing with the kinases NIK and IKK1 for binding to p100. Science Signaling, 2016, 9, ra96.	3.6	16
63	Impairment of Bone Remodeling in LIGHT/TNFSF14-Deficient Mice. Journal of Bone and Mineral Research, 2018, 33, 704-719.	2.8	16
64	Lymph node fibroblastic reticular cells deposit fibrosis-associated collagen following organ transplantation. Journal of Clinical Investigation, 2020, 130, 4182-4194.	8.2	16
65	Realigning the LIGHT signaling network to control dysregulated inflammation. Journal of Experimental Medicine, 2022, 219, .	8.5	16
66	The DARC conspiracy â€“ virus invasion tactics. Trends in Immunology, 2006, 27, 362-367.	6.8	15
67	Protein Therapeutics Targeted at the TNF Superfamily. Advances in Pharmacology, 2013, 66, 51-80.	2.0	15
68	LIGHT/TNFSF14 regulates estrogen deficiencyâ€induced bone loss. Journal of Pathology, 2020, 250, 440-451.	4.5	15
69	Randomized, double-blind, controlled trial of human anti-LIGHT monoclonal antibody in COVID-19 acute respiratory distress syndrome. Journal of Clinical Investigation, 2022, 132, .	8.2	15
70	Regnase-1 is essential for B cell homeostasis to prevent immunopathology. Journal of Experimental Medicine, 2021, 218, .	8.5	13
71	HVEM signaling promotes protective antibody-dependent cellular cytotoxicity (ADCC) vaccine responses to herpes simplex viruses. Science Immunology, 2020, 5, .	11.9	12
72	The Thymic Microenvironment Differentially Regulates Development and Trafficking of Invariant NKT Cell Sublineages. Journal of Immunology, 2014, 193, 5960-5972.	0.8	10

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73	Mixing Signals: Molecular Turn Ons and Turn Offs for Innate ÃŽÂ³ÃŽÂ´T-Cells. Frontiers in Immunology, 2014, 5, 654.	4.8	9
74	Contactin-1 Is Required for Peripheral Innervation and Immune Homeostasis Within the Intestinal Mucosa. Frontiers in Immunology, 2020, 11, 1268.	4.8	9
75	Btla signaling in conventional and regulatory lymphocytes coordinately tempers humoral immunity in the intestinal mucosa. Cell Reports, 2022, 38, 110553.	6.4	9
76	Deletion of immune evasion genes provides an effective vaccine design for tumor-associated herpesviruses. Npj Vaccines, 2020, 5, 102.	6.0	8
77	Posttranslational modifications by ADAM10 shape myeloid antigen-presenting cell homeostasis in the splenic marginal zone. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	7
78	Co-expression Networks Identify DHX15 RNA Helicase as a B Cell Regulatory Factor. Frontiers in Immunology, 2019, 10, 2903.	4.8	6
79	ILC3s control splenic cDC homeostasis via lymphotoxin signaling. Journal of Experimental Medicine, 2021, 218, .	8.5	6
80	Development of follicular dendritic cells in lymph nodes depends on retinoic acid-mediated signaling. Development (Cambridge), 2021, 148, .	2.5	4
81	Innate B cells: oxymoron or validated concept?. F1000Research, 2012, 1, 8.	1.6	3
82	Cutting Edge: The RNA-Binding Protein Ewing Sarcoma Is a Novel Modulator of Lymphotoxin Î² Receptor Signaling. Journal of Immunology, 2020, 204, 1085-1090.	0.8	2
83	TNF Superfamily in Inflammation. , 2018, , 1-50.		1
84	IMMU-03. TUMOR NECROSIS FACTOR OVERCOMES IMMUNE EVASION IN P53-MUTANT MEDULLOBLASTOMA. Neuro-Oncology, 2019, 21, ii93-ii93.	1.2	1
85	Lymphotoxin Î² Receptor: a Crucial Role in Innate and Adaptive Immune Responses against Toxoplasma gondii. Infection and Immunity, 2021, 89, .	2.2	1
86	Receptors | Tumor Necrosis Factor Receptors. , 2021, , 335-341.		0
87	Herpesvirus Entry Mediator and Cytomegalovirus ORF UL144 bind a common region of B and T Lymphocyte Attenuator. FASEB Journal, 2008, 22, 1070.28.	0.5	0
88	Signaling via LTÎ²R & HVEMâ€BTLA Pathways Control Dendritic Cell Homeostasis In Vivo. FASEB Journal, 2008, 22, 1070.5.	0.5	0
89	Workshop Summary: Control of Lymphocyte Function and Repertoire by the TNF Superfamily. Advances in Experimental Medicine and Biology, 2011, 691, 351-352.	1.6	0
90	NLRs: Sentinels of immunity or cancer culprits?. Oncoscience, 2014, 1, 308-309.	2.2	0

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91	A herpesvirus entry mediator mutein with selective agonist action for the inhibitory receptor B and T lymphocyte attenuator. FASEB Journal, 2018, 32, 792.5.	0.5	0