

Laurence C Eisenlohr

List of Publications by Year in descending order

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66
papers

3,737
citations

147786

31
h-index

133244

59
g-index

116
all docs

116
docs citations

116
times ranked

4655
citing authors

#	ARTICLE	IF	CITATIONS
1	Type II alveolar cell MHCII improves respiratory viral disease outcomes while exhibiting limited antigen presentation. <i>Nature Communications</i> , 2021, 12, 3993.	12.8	25
2	STAT3â€“BDNFâ€“TrkB signalling promotes alveolar epithelial regeneration after lung injury. <i>Nature Cell Biology</i> , 2020, 22, 1197-1210.	10.3	71
3	SARS-CoV-2 mRNA Vaccines Foster Potent Antigen-Specific Germinal Center Responses Associated with Neutralizing Antibody Generation. <i>Immunity</i> , 2020, 53, 1281-1295.e5.	14.3	285
4	A Single Immunization with Nucleoside-Modified mRNA Vaccines Elicits Strong Cellular and Humoral Immune Responses against SARS-CoV-2 in Mice. <i>Immunity</i> , 2020, 53, 724-732.e7.	14.3	267
5	Ectromelia-encoded virulence factor C15 specifically inhibits antigen presentation to CD4+ÂT cells post peptide loading. <i>PLoS Pathogens</i> , 2020, 16, e1008685.	4.7	5
6	Kinetically distinct processing pathways diversify the CD8+T cell response to a single viral epitope. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19399-19407.	7.1	8
7	Activation of Dendritic Cells Alters the Mechanism of MHC Class II Antigen Presentation to CD4 T Cells. <i>Journal of Immunology</i> , 2020, 204, 1621-1629.	0.8	8
8	Standard screening methods underreport AAV-mediated transduction and gene editing. <i>Nature Communications</i> , 2019, 10, 3415.	12.8	39
9	Poor Antigen Processing of Poxvirus Particles Limits CD4+ T Cell Recognition and Impacts Immunogenicity of the Inactivated Vaccine. <i>Journal of Immunology</i> , 2019, 202, 1340-1349.	0.8	9
10	Impact of epitope density on CD8+ T cell development and function. <i>Molecular Immunology</i> , 2019, 113, 120-125.	2.2	13
11	Recombinant Poxviruses: Versatile Tools for Immunological Assays. <i>Methods in Molecular Biology</i> , 2019, 1988, 217-248.	0.9	0
12	Ectromelia virus lacking the E3L ortholog is replication-defective and nonpathogenic but does induce protective immunity in a mouse strain susceptible to lethal mousepox. <i>Virology</i> , 2018, 518, 335-348.	2.4	5
13	Nucleoside-modified mRNA vaccines induce potent T follicular helper and germinal center B cell responses. <i>Journal of Experimental Medicine</i> , 2018, 215, 1571-1588.	8.5	366
14	CD8+ T-cell responses in vaccination: reconsidering targets and function in the context of chronic antigen stimulation. <i>F1000Research</i> , 2018, 7, 508.	1.6	9
15	The elucidation of non-classical MHC class II antigen processing through the study of viral antigens. <i>Current Opinion in Virology</i> , 2017, 22, 71-76.	5.4	19
16	Somatic HLA mutations expose the role of class II-mediated autoimmunity in aplastic anemia and its clonal complications. <i>Blood Advances</i> , 2017, 1, 1900-1910.	5.2	69
17	Giving CD4+ T cells the slip: viral interference with MHC class II-restricted antigen processing and presentation. <i>Current Opinion in Immunology</i> , 2016, 40, 123-129.	5.5	22
18	Endogenous antigen processing drives the primary CD4+ T cell response to influenza. <i>Nature Medicine</i> , 2015, 21, 1216-1222.	30.7	67

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19	Epithelial Immunization Induces Polyfunctional CD8 ⁺ T Cells and Optimal Mousepox Protection. <i>Journal of Virology</i> , 2014, 88, 9472-9475.	3.4	13
20	Impact of Distinct Poxvirus Infections on the Specificities and Functionalities of CD4 ⁺ T Cell Responses. <i>Journal of Virology</i> , 2014, 88, 10078-10091.	3.4	12
21	Cryptic MHC class I-binding peptides are revealed by aminoglycoside-induced stop codon read-through into the 3' UTR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 5670-5675.	7.1	43
22	Alternative generation of MHC class II-restricted epitopes: Not so exceptional?. <i>Molecular Immunology</i> , 2013, 55, 169-171.	2.2	18
23	Dendritic Cells. , 2013, , 55-70.		3
24	Recombinant Poxviruses: Versatile Tools for Immunological Assays. <i>Methods in Molecular Biology</i> , 2013, 960, 219-245.	0.9	2
25	Toward a Network Model of MHC Class II-Restricted Antigen Processing. <i>Frontiers in Immunology</i> , 2013, 4, 464.	4.8	12
26	Identification of Functionally Distinct TRAF Proinflammatory and Phosphatidylinositol 3-Kinase/Mitogen-activated Protein Kinase/Extracellular Signal-regulated Kinase Kinase (PI3K/MEK) Transforming Activities Emanating from RET/PTC Fusion Oncoprotein. <i>Journal of Biological Chemistry</i> , 2012, 287, 3691-3703.	3.4	13
27	Comparable Polyfunctionality of Ectromelia Virus- and Vaccinia Virus-Specific Murine T Cells despite Markedly Different <i>In Vivo</i> Replication and Pathogenicity. <i>Journal of Virology</i> , 2012, 86, 7298-7309.	3.4	13
28	Perforin-dependent CD4 ⁺ T-cell cytotoxicity contributes to control a murine poxvirus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9983-9988.	7.1	73
29	Functional Macroautophagy Induction by Influenza A Virus without a Contribution to Major Histocompatibility Complex Class II-Restricted Presentation. <i>Journal of Virology</i> , 2011, 85, 6453-6463.	3.4	59
30	Hydrophobicity as a driver of MHC class I antigen processing. <i>EMBO Journal</i> , 2011, 30, 1634-1644.	7.8	32
31	Beyond the classical: Influenza virus and the elucidation of alternative MHC class II-restricted antigen processing pathways. <i>Immunologic Research</i> , 2011, 51, 237-248.	2.9	12
32	Cutting Edge: Selective Role of Ubiquitin in MHC Class I Antigen Presentation. <i>Journal of Immunology</i> , 2011, 186, 1904-1908.	0.8	25
33	Exosome-Driven Antigen Transfer for MHC Class II Presentation Facilitated by the Receptor Binding Activity of Influenza Hemagglutinin. <i>Journal of Immunology</i> , 2010, 185, 6608-6616.	0.8	53
34	Lineage-Specific T-Cell Responses to Cancer Mucosa Antigen Oppose Systemic Metastases without Mucosal Inflammatory Disease. <i>Cancer Research</i> , 2009, 69, 3537-3544.	0.9	35
35	Guanylyl Cyclase-Induced Immunotherapeutic Responses Opposing Tumor Metastases Without Autoimmunity. <i>Journal of the National Cancer Institute</i> , 2008, 100, 950-961.	6.3	48
36	Derivation and Fluidity of Acutely Induced Dysfunctional CD8 ⁺ T Cells. <i>Journal of Immunology</i> , 2008, 180, 5300-5308.	0.8	3

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37	Mucosally restricted antigens as novel immunological targets for antitumor therapy. <i>Biomarkers in Medicine</i> , 2007, 1, 187-202.	1.4	10
38	Rethinking peptide supply to MHC class I molecules. <i>Nature Reviews Immunology</i> , 2007, 7, 403-410.	22.7	36
39	Oncogenic inflammation and autoimmune disease. <i>Autoimmunity Reviews</i> , 2006, 6, 107-114.	5.8	22
40	Human T-Cell Responses to Vaccinia Virus Envelope Proteins. <i>Journal of Virology</i> , 2006, 80, 10010-10020.	3.4	39
41	Re-evaluating the Generation of a "Proteasome-Independent" MHC Class I-Restricted CD8 T Cell Epitope. <i>Journal of Immunology</i> , 2006, 176, 2249-2261.	0.8	39
42	Immunogenicity of Cytopathic and Noncytopathic Viral Vectors. <i>Journal of Virology</i> , 2006, 80, 6259-6266.	3.4	10
43	Epitopes Derived by Incidental Translational Frameshifting Give Rise to a Protective CTL Response. <i>Journal of Immunology</i> , 2006, 176, 6928-6934.	0.8	41
44	A cytosolic pathway for MHC class II-restricted antigen processing that is proteasome and TAP dependent. <i>Nature Immunology</i> , 2005, 6, 287-294.	14.5	130
45	The Impact of Misfolding versus Targeted Degradation on the Efficiency of the MHC Class I-Restricted Antigen Processing. <i>Journal of Immunology</i> , 2005, 174, 2763-2769.	0.8	28
46	Enforced Expression of Spi-B Reverses T Lineage Commitment and Blocks \hat{I}^2 -Selection. <i>Journal of Immunology</i> , 2005, 174, 6184-6194.	0.8	74
47	Antigen Processing and Presentation. , 2005, 123, 3-36.		2
48	Vaccinia Virus as a Tool for Immunologic Studies. , 2004, 269, 267-287.		3
49	Differential Requirements for Endosomal Reduction in the Presentation of Two H2-Ed-Restricted Epitopes from Influenza Hemagglutinin. <i>Journal of Immunology</i> , 2004, 172, 6607-6614.	0.8	34
50	Presentation by Recycling MHC Class II Molecules of an Influenza Hemagglutinin-Derived Epitope That Is Revealed in the Early Endosome by Acidification. <i>Journal of Immunology</i> , 2003, 170, 3504-3513.	0.8	52
51	A Thyroid Tumor-Specific Antigen Formed by the Fusion of Two Self Proteins. <i>Journal of Immunology</i> , 2003, 170, 861-869.	0.8	31
52	The minor histocompatibility antigen HA-3 arises from differential proteasome-mediated cleavage of the lymphoid blast crisis (Lbc) oncoprotein. <i>Blood</i> , 2003, 102, 621-629.	1.4	118
53	Efficient and Qualitatively Distinct MHC Class I-Restricted Presentation of Antigen Targeted to the Endoplasmic Reticulum. <i>Journal of Immunology</i> , 2002, 168, 2667-2675.	0.8	30
54	Generation of CD8+ T Cell Memory in Response to Low, High, and Excessive Levels of Epitope. <i>Journal of Immunology</i> , 2002, 168, 4455-4461.	0.8	87

#	ARTICLE	IF	CITATIONS
55	In Situ Immune Modulation Using Recombinant Vaccinia Virus Vectors: Preclinical Studies to Clinical Implementation. , 2002, , 207-223.		0
56	Use of Vaccinia Virus Expression Vectors to Investigate Antigen Processing and Presentation. , 2001, 156, 89-109.		4
57	The Immunogenicity of a New Human Minor Histocompatibility Antigen Results from Differential Antigen Processing. Journal of Experimental Medicine, 2001, 193, 195-206.	8.5	191
58	The HA-2 Minor Histocompatibility Antigen Is Derived from a Diallelic Gene Encoding a Novel Human Class I Myosin Protein. Journal of Immunology, 2001, 167, 3223-3230.	0.8	125
59	Quantitative Analysis of Adenovirus-Specific CD4+T-Cell Responses from Healthy Adults. Viral Immunology, 2001, 14, 403-413.	1.3	53
60	Impaired Assembly yet Normal Trafficking of MHC Class I Molecules in Tapasin Mutant Mice. Immunity, 2000, 13, 213-222.	14.3	208
61	Poxvirus vectors: orphaned and underappreciated. Journal of Clinical Investigation, 2000, 105, 1031-1034.	8.2	54
62	Intratumoral recombinant GM-CSF-encoding virus as gene therapy in patients with cutaneous melanoma. Cancer Gene Therapy, 1999, 6, 409-422.	4.6	324
63	Murine Transporter Associated with Antigen Presentation (TAP) Preferences Influence Class Iâ€restricted T Cell Responses. Journal of Experimental Medicine, 1997, 186, 1655-1662.	8.5	31
64	Introduction of a Glycosylation Site into a Secreted Protein Provides Evidence for an Alternative Antigen Processing Pathway: Transport of Precursors of Major Histocompatibility Complex Class Iâ€Restricted Peptides from the Endoplasmic Reticulum to the Cytosol. Journal of Experimental Medicine, 1997, 186, 479-487.	8.5	69
65	Initiation Codon Scanthrough versus Termination Codon Readthrough Demonstrates Strong Potential for Major Histocompatibility Complex Class Iâ€restricted Cryptic Epitope Expression. Journal of Experimental Medicine, 1997, 186, 1051-1058.	8.5	44
66	The multiple uses of viruses for studying antigen processing. Seminars in Virology, 1993, 4, 109-116.	3.9	8