

John W Lowenthal

List of Publications by Year in descending order

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63
papers

3,771
citations

136950

32
h-index

138484

58
g-index

64
all docs

64
docs citations

64
times ranked

2696
citing authors

#	ARTICLE	IF	CITATIONS
1	Avian cytokines and their receptors. , 2022, , 249-276.		6
2	Genome-wide siRNA Screening at Biosafety Level 4 Reveals a Crucial Role for Fibrillar in Henipavirus Infection. PLoS Pathogens, 2016, 12, e1005478.	4.7	38
3	Confidence in genetically modified animal research and regulation. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2014, 9, 47-50.	1.4	0
4	Science into policy; improving uptake and adoption of research: outcomes and conclusions. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2014, 9, 1-6.	1.4	1
5	A new method for producing transgenic birds via direct in vivo transfection of primordial germ cells. Transgenic Research, 2013, 22, 1257-1264.	2.4	78
6	Studying immunity to zoonotic diseases in the natural host " keeping it real. Nature Reviews Immunology, 2013, 13, 851-861.	22.7	82
7	The chicken TH1 response: Potential therapeutic applications of ChIFN- β . Developmental and Comparative Immunology, 2013, 41, 389-396.	2.3	21
8	Chicken interferons, their receptors and interferon-stimulated genes. Developmental and Comparative Immunology, 2013, 41, 370-376.	2.3	69
9	What's so special about chicken immunology?. Developmental and Comparative Immunology, 2013, 41, 307-309.	2.3	20
10	Promotion of Hendra Virus Replication by MicroRNA 146a. Journal of Virology, 2013, 87, 3782-3791.	3.4	54
11	Identifying innate immune pathways of the chicken may lead to new antiviral therapies. Veterinary Immunology and Immunopathology, 2012, 148, 100-109.	1.2	20
12	Host gene targets for novel influenza therapies elucidated by high-throughput RNA interference screens. FASEB Journal, 2012, 26, 1372-1386.	0.5	52
13	Toll-Like Receptor 7 Ligands Inhibit Influenza A Infection in Chickens. Journal of Interferon and Cytokine Research, 2012, 32, 46-51.	1.2	40
14	Ontogeny of the interferon system in chickens. Journal of Reproductive Immunology, 2012, 94, 169-174.	1.9	26
15	Role of Position 627 of PB2 and the Multibasic Cleavage Site of the Hemagglutinin in the Virulence of H5N1 Avian Influenza Virus in Chickens and Ducks. PLoS ONE, 2012, 7, e30960.	2.5	60
16	Immunostimulatory Motifs Enhance Antiviral siRNAs Targeting Highly Pathogenic Avian Influenza H5N1. PLoS ONE, 2011, 6, e21552.	2.5	30
17	Increased Inducible Nitric Oxide Synthase Expression in Organs Is Associated with a Higher Severity of H5N1 Influenza Virus Infection. PLoS ONE, 2011, 6, e14561.	2.5	41
18	Characterization of Chicken Mda5 Activity: Regulation of IFN- β in the Absence of RIG-I Functionality. Journal of Immunology, 2011, 186, 5397-5405.	0.8	140

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19	Highly Pathogenic (H5N1) Avian Influenza Induces an Inflammatory T Helper Type 1 Cytokine Response in the Chicken. <i>Journal of Interferon and Cytokine Research</i> , 2011, 31, 393-400.	1.2	52
20	Prebiotics Modulate Immune Responses in the Gut-Associated Lymphoid Tissue of Chickens. <i>Journal of Nutrition</i> , 2009, 139, 1404-1409.	2.9	109
21	The in vitro and in ovo responses of chickens to TLR9 subfamily ligands. <i>Developmental and Comparative Immunology</i> , 2009, 33, 660-667.	2.3	31
22	The role of tryptophan metabolism in iNOS transcription and nitric oxide production by chicken macrophage cells upon treatment with interferon gamma. <i>Immunology Letters</i> , 2008, 115, 153-159.	2.5	26
23	Expression, purification and characterisation of recombinant Escherichia coli derived chicken interleukin-12. <i>Veterinary Immunology and Immunopathology</i> , 2008, 126, 403-406.	1.2	9
24	Activation of the TLR3 pathway regulates IFN β production in chickens. <i>Developmental and Comparative Immunology</i> , 2008, 32, 435-444.	2.3	115
25	Molecular Cloning, Expression, and Characterization of Chicken IFN- β . <i>Journal of Interferon and Cytokine Research</i> , 2008, 28, 341-350.	1.2	57
26	Avian genomics and the innate immune response to viruses. <i>Cytogenetic and Genome Research</i> , 2007, 117, 207-212.	1.1	8
27	IFN- β Enhances Immune Responses to E. coli infection in the Chicken. <i>Journal of Interferon and Cytokine Research</i> , 2007, 27, 937-946.	1.2	22
28	Interleukin-6 Expression after Infectious Bronchitis Virus Infection in Chickens. <i>Viral Immunology</i> , 2007, 20, 479-486.	1.3	30
29	Oral delivery of novel therapeutics: development of a fowl adenovirus vector expressing chicken IL-2 and MGF. <i>World's Poultry Science Journal</i> , 2005, 61, 87-94.	3.0	1
30	Chicken functional genomics: an overview. <i>Australian Journal of Experimental Agriculture</i> , 2005, 45, 749.	1.0	6
31	Cytokines as adjuvants for avian vaccines. <i>Immunology and Cell Biology</i> , 2004, 82, 638-643.	2.3	66
32	Interleukin-2 Directly Induces Activation and Proliferation of Chicken T Cells <i>In Vivo</i> . <i>Journal of Interferon and Cytokine Research</i> , 2002, 22, 755-763.	1.2	38
33	Protective Effect of Avian Myelomonocytic Growth Factor in Infection with Marek's Disease Virus. <i>Journal of Virology</i> , 2002, 76, 1062-1070.	3.4	34
34	The emerging role of avian cytokines as immunotherapeutics and vaccine adjuvants. <i>Veterinary Immunology and Immunopathology</i> , 2002, 85, 119-128.	1.2	44
35	Nomenclature of Avian Interferon Proteins. <i>Journal of Interferon and Cytokine Research</i> , 2001, 21, 547-549.	1.2	32
36	Measurement of Lymphokine Receptors. , 2001, Chapter 6, Unit 6.1.		1

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37	High-Level Production of Recombinant Chicken Interferon- $\hat{\beta}$ by <i>Brevibacillus choshinensis</i> . Protein Expression and Purification, 2001, 23, 113-120.	1.3	36
38	Immune Status Assessment by Abundance of IFN- $\hat{\alpha}$ and IFN- $\hat{\beta}$ mRNA in Chicken Blood. Journal of Interferon and Cytokine Research, 2001, 21, 643-651.	1.2	20
39	Delivery of avian cytokines by adenovirus vectors. Developmental and Comparative Immunology, 2000, 24, 343-354.	2.3	32
40	Avian cytokines – the natural approach to therapeutics. Developmental and Comparative Immunology, 2000, 24, 355-365.	2.3	53
41	Recombinant Chicken IFN-gamma Expressed in <i>Escherichia coli</i> : Analysis of C-Terminal Truncation and Effect on Biologic Activity. Journal of Interferon and Cytokine Research, 1999, 19, 383-392.	1.2	24
42	The anti-apoptotic protein ITA is essential for NGF-mediated survival of embryonic chick neurons. Nature Neuroscience, 1999, 2, 978-983.	14.8	67
43	Cytokine therapy: a natural alternative for disease control. Veterinary Immunology and Immunopathology, 1999, 72, 183-188.	1.2	40
44	Potential use of cytokine therapy in poultry. Veterinary Immunology and Immunopathology, 1998, 63, 191-198.	1.2	31
45	Coadministration of IFN- $\hat{\beta}$ Enhances Antibody Responses in Chickens. Journal of Interferon and Cytokine Research, 1998, 18, 617-622.	1.2	54
46	Chicken Interferon Types I and II Enhance Synergistically the Antiviral State and Nitric Oxide Secretion. Journal of Interferon and Cytokine Research, 1998, 18, 407-414.	1.2	49
47	<i>In Vivo</i> Effects of Chicken Interferon- $\hat{\beta}$ During Infection with <i>Eimeria</i> . Journal of Interferon and Cytokine Research, 1997, 17, 551-558.	1.2	113
48	In vitro characterization of a novel avian haemopoietic growth factor derived from stromal cells. Developmental and Comparative Immunology, 1996, 20, 139-156.	2.3	5
49	ITA, a Vertebrate Homologue of IAP That Is Expressed in T Lymphocytes. DNA and Cell Biology, 1996, 15, 981-988.	1.9	34
50	Avian cytokines. , 1996, , 2255-XIII.		1
51	Production of Interferon- $\hat{\beta}$ by Chicken T Cells. Journal of Interferon and Cytokine Research, 1995, 15, 933-938.	1.2	90
52	Cloning and Expression of the Chicken Interferon- $\hat{\beta}$ Gene. Journal of Interferon and Cytokine Research, 1995, 15, 939-945.	1.2	229
53	Development of T cell immune responsiveness in the chicken. Immunology and Cell Biology, 1994, 72, 115-122.	2.3	112
54	Structure and Regulation of the Human IL-2 Receptor. , 1989, 254, 55-60.		2

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55	The Human Interleukin-2 Receptor.. Annals of the New York Academy of Sciences, 1988, 546, 116-121.	3.8	3
56	The same inducible nuclear proteins regulates mitogen activation of both the interleukin-2 receptor-alpha gene and type 1 HIV. Cell, 1988, 53, 827-836.	28.9	470
57	Interleukin 2 receptor traffic in a murine cytolytic T cell line. European Journal of Immunology, 1987, 17, 783-790.	2.9	12
58	Phorbol ester enhances both interleukin 2 receptor expression and immunoglobulin secretion in human Epstein-Barr virus-immortalized B cells. European Journal of Immunology, 1986, 16, 146-150.	2.9	14
59	Intracellular pathway of interleukin 2 following receptor-mediated endocytosis. European Journal of Immunology, 1986, 16, 1461-1463.	2.9	27
60	B cell receptors for interleukin 2: demonstration of IL 2 internalization and of complementary effects of lipopolysaccharide and phorbol diester on receptor expression. European Journal of Immunology, 1986, 16, 1591-1595.	2.9	4
61	Expression of interleukin-2 receptors as a differentiation marker on intrathymic stem cells. Nature, 1985, 314, 98-100.	27.8	593
62	Similarities between interleukin-2 receptor number and affinity on activated B and T lymphocytes. Nature, 1985, 315, 669-672.	27.8	187
63	Cells of Some Cultured Lymphoma Lines are Killed Rapidly by X-rays and by Bleomycin. International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine, 1982, 42, 111-116.	1.0	10