John W Lowenthal

List of Publications by Year
in descending order

63	3,771	136950 32	138484 58
papers	citations	h-index	g-index

64	64	64	2696
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Expression of interleukin-2 receptors as a differentiation marker on intrathymic stem cells. Nature, 1985, 314, 98-100.	27.8	593
2	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
3	Cloning and Expression of the Chicken Interferon-Î³ Gene. Journal of Interferon and Cytokine Research, 1995, 15, 939-945.	1.2	229
4	Similarities between interleukin-2 receptor number and affinity on activated B and T lymphocytes. Nature, 1985, 315, 669-672.	27.8	187
5	Characterization of Chicken Mda5 Activity: Regulation of IFN-Î² in the Absence of RIG-I Functionality. Journal of Immunology, 2011, 186, 5397-5405.	0.8	140
6	Activation of the TLR3 pathway regulates IFNÎ² production in chickens. Developmental and Comparative Immunology, 2008, 32, 435-444.	2.3	115
7	In VivoEffects of Chicken Interferon-Î³ During Infection withEimeria. Journal of Interferon and Cytokine Research, 1997, 17, 551-558.	1.2	113
8	Development of T cell immune responsiveness in the chicken. Immunology and Cell Biology, 1994, 72, 115-122.	2.3	112
9	Prebiotics Modulate Immune Responses in the Gut-Associated Lymphoid Tissue of Chickens. Journal of Nutrition, 2009, 139, 1404-1409.	2.9	109
10	Production of Interferon-Î³ by Chicken T Cells. Journal of Interferon and Cytokine Research, 1995, 15, 933-938.	1.2	90
11	Studying immunity to zoonotic diseases in the natural host â€" keeping it real. Nature Reviews Immunology, 2013, 13, 851-861.	22.7	82
12	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
13	Chicken interferons, their receptors and interferon-stimulated genes. Developmental and Comparative Immunology, 2013, 41, 370-376.	2.3	69
14	The anti-apoptotic protein ITA is essential for NGF-mediated survival of embryonic chick neurons. Nature Neuroscience, 1999, 2, 978-983.	14.8	67
15	Cytokines as adjuvants for avian vaccines. Immunology and Cell Biology, 2004, 82, 638-643.	2.3	66
16	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
17	Molecular Cloning, Expression, and Characterization of Chicken IFN -Î». Journal of Interferon and Cytokine Research, 2008, 28, 341-350.	1.2	57
18	Coadministration of IFN-Î³ Enhances Antibody Responses in Chickens. Journal of Interferon and Cytokine Research, 1998, 18, 617-622.	1.2	54

#	Article	IF	Citations
19	Promotion of Hendra Virus Replication by MicroRNA 146a. Journal of Virology, 2013, 87, 3782-3791.	3.4	54
20	Avian cytokines â€" the natural approach to therapeutics. Developmental and Comparative Immunology, 2000, 24, 355-365.	2.3	53
21	Highly Pathogenic (H5N1) Avian Influenza Induces an Inflammatory T Helper Type 1 Cytokine Response in the Chicken. Journal of Interferon and Cytokine Research, 2011, 31, 393-400.	1.2	52
22	Host gene targets for novel influenza therapies elucidated by highâ€throughput RNA interference screens. FASEB Journal, 2012, 26, 1372-1386.	0.5	52
23	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
24	The emerging role of avian cytokines as immunotherapeutics and vaccine adjuvants. Veterinary Immunology and Immunopathology, 2002, 85, 119-128.	1.2	44
25	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
26	Cytokine therapy: a natural alternative for disease control. Veterinary Immunology and Immunopathology, 1999, 72, 183-188.	1.2	40
27	Toll-Like Receptor 7 Ligands Inhibit Influenza A Infection in Chickens. Journal of Interferon and Cytokine Research, 2012, 32, 46-51.	1.2	40
28	Interleukin-2 Directly Induces Activation and Proliferation of Chicken T CellsIn Vivo. Journal of Interferon and Cytokine Research, 2002, 22, 755-763.	1.2	38
29	Genome-wide siRNA Screening at Biosafety Level 4 Reveals a Crucial Role for Fibrillarin in Henipavirus Infection. PLoS Pathogens, 2016, 12, e1005478.	4.7	38
30	High-Level Production of Recombinant Chicken Interferon-Î³ by Brevibacillus choshinensis. Protein Expression and Purification, 2001, 23, 113-120.	1.3	36
31	ITA, a Vertebrate Homologue of IAP That Is Expressed in T Lymphocytes. DNA and Cell Biology, 1996, 15, 981-988.	1.9	34
32	Protective Effect of Avian Myelomonocytic Growth Factor in Infection with Mareká€™s Disease Virus. Journal of Virology, 2002, 76, 1062-1070.	3.4	34
33	Delivery of avian cytokines by adenovirus vectors. Developmental and Comparative Immunology, 2000, 24, 343-354.	2.3	32
34	Nomenclature of Avian Interferon Proteins. Journal of Interferon and Cytokine Research, 2001, 21, 547-549.	1.2	32
35	Potential use of cytokine therapy in poultry. Veterinary Immunology and Immunopathology, 1998, 63, 191-198.	1.2	31
36	The in vitro and in ovo responses of chickens to TLR9 subfamily ligands. Developmental and Comparative Immunology, 2009, 33, 660-667.	2.3	31

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37	Interleukin-6 Expression after Infectious Bronchitis Virus Infection in Chickens. Viral Immunology, 2007, 20, 479-486.	1.3	30
38	Immunostimulatory Motifs Enhance Antiviral siRNAs Targeting Highly Pathogenic Avian Influenza H5N1. PLoS ONE, 2011, 6, e21552.	2.5	30
39	Intracellular pathway of interleukin 2 following receptor-mediated endocytosis. European Journal of Immunology, 1986, 16, 1461-1463.	2.9	27
40	The role of tryptophan metabolism in iNOS transcription and nitric oxide production by chicken macrophage cells upon treatment with interferon gamma. Immunology Letters, 2008, 115, 153-159.	2.5	26
41	Ontogeny of the interferon system in chickens. Journal of Reproductive Immunology, 2012, 94, 169-174.	1.9	26
42	Recombinant Chicken IFN-gamma Expressed in Escherichia coli: Analysis of C-Terminal Truncation and Effect on Biologic Activity. Journal of Interferon and Cytokine Research, 1999, 19, 383-392.	1.2	24
43	IFN-Î³Enhances Immune Responses toE. coliInfection in the Chicken. Journal of Interferon and Cytokine Research, 2007, 27, 937-946.	1.2	22
44	The chicken TH1 response: Potential therapeutic applications of ChIFN-Î³. Developmental and Comparative Immunology, 2013, 41, 389-396.	2.3	21
45	Immune Status Assessment by Abundance of IFN-Î± and IFN-Î³ mRNA in Chicken Blood. Journal of Interferon and Cytokine Research, 2001, 21, 643-651.	1.2	20
46	Identifying innate immune pathways of the chicken may lead to new antiviral therapies. Veterinary Immunology and Immunopathology, 2012, 148, 100-109.	1.2	20
47	Whatâ€™s so special about chicken immunology?. Developmental and Comparative Immunology, 2013, 41, 307-309.	2.3	20
48	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
49	Interleukin 2 receptor traffic in a murine cytolytic T cell line. European Journal of Immunology, 1987, 17, 783-790.	2.9	12
50	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
51	Expression, purification and characterisation of recombinant Escherichia coli derived chicken interleukin-12. Veterinary Immunology and Immunopathology, 2008, 126, 403-406.	1.2	9
52	Avian genomics and the innate immune response to viruses. Cytogenetic and Genome Research, 2007, 117, 207-212.	1.1	8
53	Chicken functional genomics: an overview. Australian Journal of Experimental Agriculture, 2005, 45, 749.	1.0	6
54	Avian cytokines and their receptors. , 2022, , 249-276.		6

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55	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
56	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
57	The Human Interleukin-2 Receptor.. Annals of the New York Academy of Sciences, 1988, 546, 116-121.	3.8	3
58	Structure and Regulation of the Human IL-2 Receptor. , 1989, 254, 55-60.		2
59	Measurement of Lymphokine Receptors. , 2001, Chapter 6, Unit 6.1.		1
60	Oral delivery of novel therapeutics: development of a fowl adenovirus vector expressing chicken IL-2 and MGF. World's Poultry Science Journal, 2005, 61, 87-94.	3.0	1
61	Science into policy; improving uptake and adoption of research: outcomes and conclusions. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2014, 9, 1-6.	1.4	1
62	Avian cytokines. , 1996, , 2255-XIII.		1
63	Confidence in genetically modified animal research and regulation. Journal Fur Verbraucherschutz Und Lebensmittelsicherheit, 2014, 9, 47-50.	1.4	0