David A Lawrence

List of Publications by Year
in descending order

66 papers	2,571 citations	147801 31 h-index	197818 49 g-index
67 all docs	67 docs citations	67 times ranked	2643 citing authors

#	Article	IF	Citations
1	Lead Differentially Modifies Cytokine Productionin Vitroandin Vivo. Toxicology and Applied Pharmacology, 1996, 138, 149-157.	2.8	177
2	Aberrant Immune Responses in a Mouse with Behavioral Disorders. PLoS ONE, 2011, 6, e20912.	2.5	133
3	Activated T cells enhance nitric oxide production by murine splenic macrophages through gp39 and LFAâ€1. European Journal of Immunology, 1995, 25, 306-309.	2.9	120
4	Immunomodulation by metals. International Immunopharmacology, 2002, 2, 293-302.	3.8	119
5	Lead, a major environmental pollutant, is immunomodulatory by its differential effects on CD4+ T cell subsets. Toxicology and Applied Pharmacology, 1991, 111, 13-23.	2.8	97
6	Differential Effects of Lead and cAMP on Development and Activities of Th1- and Th2-Lymphocytes. Toxicological Sciences, 1998, 43, 172-185.	3.1	97
7	Surface thiols of human lymphocytes and their changes after in vitro and in vivo activation. Journal of Leukocyte Biology, 1996, 60, 611-618.	3.3	89
8	In Vivothe Environmental Pollutants Lead and Mercury Induce Oligoclonal T Cell Responses Skewed toward Type-2 Reactivities. Cellular Immunology, 1997, 179, 185-195.	3.0	82
9	Interleukin-12 Promotes Enhanced Resistance toInfection of Lead-Exposed Mice. Toxicology and Applied Pharmacology, 1997, 147, 180-189.	2.8	68
10	Susceptibility of Lupus-Prone Nzm Mouse Strains to Lead Exacerbation of Systemic Lupus Erythematosus Symptoms. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2003, 66, 895-918.	2.3	67
11	The Efficiency of Maternal Transfer of Lead and Its Influence on Plasma IgE and Splenic Cellularity of Mice. Toxicological Sciences, 2000, 57, 87-94.	3.1	66
12	Extracellular metallothionein effects on lymphocyte activities. Molecular Immunology, 1990, 27, 211-219.	2.2	64
13	Developmental lead effects on behavior and brain gene expression in male and female BALB/cAnNTac mice. NeuroToxicology, 2012, 33, 1005-1020.	3.0	62
14	Glutathione distribution in normal and oxidatively stressed cells. Experimental Cell Research, 2003, 285, 9-14.	2.6	60
15	Silica nanoparticles induce oxidative stress and inflammation of human peripheral blood mononuclear cells. Cell Stress and Chaperones, 2014, 19, 777-790.	2.9	60
16	Central/peripheral nervous system and immune responses. Toxicology, 2000, 142, 189-201.	4.2	56
17	Analysis of the thiol status of peripheral blood leukocytes in rheumatoid arthritis patients. Journal of Leukocyte Biology, 2007, 81, 934-941.	3.3	56
18	Central nervous system cytokine gene expression: Modulation by lead. Journal of Biochemical and Molecular Toxicology, 2011, 25, 41-54.	3.0	56

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19	Impact of developmental lead exposure on splenic factors. Toxicology and Applied Pharmacology, 2010, 247, 105-115.	2.8	55
20	Neonatal Lead Exposure Potentiates Sickness Behavior Induced by Listeria monocytogenes Infection of Mice. Brain, Behavior, and Immunity, 2002, 16, 477-492.	4.1	54
21	Sympathetic nervous system plays a major role in acute cold/restraint stress inhibition of host resistance to Listeria monocytogenes. Journal of Neuroimmunology, 2002, 125, 94-102.	2.3	47
22	Acute cold/restraint stress inhibits host resistance to Listeria monocytogenes via Î²1-adrenergic receptors. Brain, Behavior, and Immunity, 2003, 17, 121-133.	4.1	43
23	Exposure, health effects, sensing, and remediation of the emerging PFAS contaminants â€“ Scientific challenges and potential research directions. Science of the Total Environment, 2021, 780, 146399.	8.0	42
24	Sex-specific effects of developmental lead exposure on the immune-neuroendocrine network. Toxicology and Applied Pharmacology, 2017, 334, 142-157.	2.8	38
25	Posttranscriptional Inhibition of Interferon-Gamma Production by Lead. Toxicological Sciences, 2006, 96, 92-100.	3.1	35
26	The maternal autoimmune environment affects the social behavior of offspring. Journal of Neuroimmunology, 2013, 258, 51-60.	2.3	35
27	Metallothionein and stress combine to affect multiple organ systems. Cell Stress and Chaperones, 2014, 19, 605-611.	2.9	35
28	Immunotoxic Effects of Inorganic Lead on Host Resistance of Mice with Different Circling Behavior Preferences. Brain, Behavior, and Immunity, 2000, 14, 305-317.	4.1	34
29	Suppression of host resistance to Listeria monocytogenes by acute cold/restraint stress: lack of direct IL-6 involvement. Journal of Neuroimmunology, 2002, 133, 132-143.	2.3	34
30	Autoantibody-mediated neuroinflammation: Pathogenesis of neuropsychiatric systemic lupus erythematosus in the NZM88 murine model. Brain, Behavior, and Immunity, 2008, 22, 949-959.	4.1	34
31	Newborn Adipokines and Birth Outcomes. Paediatric and Perinatal Epidemiology, 2015, 29, 317-325.	1.7	33
32	Neuronal cell death and reactive oxygen species. Cellular and Molecular Neurobiology, 2000, 20, 433-450.	3.3	32
33	Î²1-Adrenergic Receptors on Immune Cells Impair Innate Defenses against Listeria. Journal of Immunology, 2007, 178, 4876-4884.	0.8	32
34	Lead Modulation of Macrophages Causes Multiorgan Detrimental Health Effects. Journal of Biochemical and Molecular Toxicology, 2014, 28, 355-372.	3.0	31
35	From Infections to Anthropogenic Inflicted Pathologies: Involvement of Immune Balance. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2018, 21, 24-46.	6.5	30
36	Wheeze and Food Allergies in Children Born via Cesarean Delivery. American Journal of Epidemiology, 2019, 188, 355-362.	3.4	28

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37	Immune Modulation by Toxic Metals. , 1995, , 305-337.		27
38	Immune Changes during Acute Cold/Restraint Stress-Induced Inhibition of Host Resistance to Listeria. Toxicological Sciences, 2003, 74, 325-334.	3.1	26
39	Health disparities: Intracellular consequences of social determinants of health. Toxicology and Applied Pharmacology, 2021, 416, 115444.	2.8	26
40	Relationships between IFNÎ³, IL-6, Corticosterone, and Listeria monocytogenes Pathogenesis in BALB/c Mice. Cellular Immunology, 2001, 207, 13-18.	3.0	25
41	Eliciting parental support for the use of newborn blood spots for pediatric research. BMC Medical Research Methodology, 2016, 16, 14.	3.1	24
42	Four sulfhydryl-modifying compounds cause different structural damage but similar functional damage in murine lymphocytes. Chemico-Biological Interactions, 1988, 68, 137-152.	4.0	23
43	Differential lymphocyte growth-modifying effects of oxidants: Changes in cytosolic Ca+2. Toxicology and Applied Pharmacology, 1989, 100, 485-497.	2.8	22
44	Stress-induced effects, which inhibit host defenses, alter leukocyte trafficking. Cell Stress and Chaperones, 2013, 18, 279-291.	2.9	19
45	Crosstalk between the immune, endocrine, and nervous systems in immunotoxicology. Current Opinion in Toxicology, 2018, 10, 37-45.	5.0	19
46	Every-other-week methotrexate in patients with rheumatoid arthritis. Arthritis and Rheumatism, 1995, 38, 601-607.	6.7	17
47	Mercury Impairment of Mouse Thymocyte Survival in Vitro: Involvement of Cellular Thiols. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2005, 68, 535-556.	2.3	17
48	Differential effects of concanavalin A and phytohemagglutinin on murine immunity. Cellular Immunology, 1977, 31, 142-154.	3.0	15
49	The cationic (calcium and lead) and enzyme conundrum. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2018, 21, 400-413.	6.5	15
50	Susceptibility to COVIDâ€19 in populations with health disparities: Posited involvement of mitochondrial disorder, socioeconomic stress, and pollutants. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22626.	3.0	13
51	Environmental Stressors and Neuroimmunotoxicological Processes. Brain, Behavior, and Immunity, 2000, 14, 231-238.	4.1	12
52	Manipulations of metallothionein gene dose accelerate the response to Listeria monocytogenes. Chemico-Biological Interactions, 2009, 181, 243-253.	4.0	12
53	Development, phenotypes of immune cells in BTBR Tltpr3/J mice. Cellular Immunology, 2020, 358, 104223.	3.0	12
54	Analysis of septic biomarker patterns: prognostic value in predicting septic state. Diagnostic Microbiology and Infectious Disease, 2015, 83, 312-318.	1.8	10

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55	Immunity and autoantibodies of a mouse strain with autistic-like behavior. Brain, Behavior, & Immunity - Health, 2020, 4, 100069.	2.5	9
56	A physical/psychological and biological stress combine to enhance endoplasmic reticulum stress. Toxicology and Applied Pharmacology, 2015, 289, 313-322.	2.8	7
57	Metallothionein differentially affects the host response to Listeria infection both with and without an additional stress from cold-restraint. Cell Stress and Chaperones, 2015, 20, 1013-1022.	2.9	5
58	Differential blood leukocyte populations based on individual variances and age. Immunologic Research, 2022, 70, 114-128.	2.9	4
59	Perfluorooctanesulfonate (PFOS) and perfluorooctanoic acid (PFOA) modifyin vitromitogen- and antigen-induced human peripheral blood mononuclear cell (PBMC) responses. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2022, 85, 715-737.	2.3	4
60	Cold-Restraint-induced Immune and Biochemical Changes Inhibit Host Resistance to Listeria. , 2007, , 1035-1051.		2
61	In Vitro Evaluation of Toxicant Influences on the Immune System. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2020, 84, e95.	1.1	2
62	Constitutive activation of Notch signalling and T cell activation characterize a mouse model of autism. Cell Biochemistry and Function, 2022, 40, 164-176.	2.9	2
63	Glutathione Distribution in Transformed Leukocytes Determined by Immunoelectron Microscopy. Microscopy and Microanalysis, 2001, 7, 70-71.	0.4	0
64	Neuroimmunotoxicology of the heavy metal toxicant lead. Advances in Neurotoxicology, 2019, 3, 81-119.	1.9	0
65	Genetic influences in the development of Amiodaroneâ€induced pulmonary fibrosis (AIPF). FASEB Journal, 2013, 27, 1107.3.	0.5	0
66	Influence of hepatic P450â€mediated Amiodarone metabolism on Amiodaroneâ€induced pulmonary toxicity. FASEB Journal, 2013, 27, 1107.14.	0.5	0