

B Paige Lawrence

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

2,636
citations

136950

32
h-index

206112

48
g-index

76
all docs

76
docs citations

76
times ranked

2896
citing authors

#	ARTICLE	IF	CITATIONS
1	Neonatal Hyperoxia Enhances the Inflammatory Response in Adult Mice Infected with Influenza A Virus. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 177, 1103-1110.	5.6	110
2	Environmental toxicants and the developing immune system: A missing link in the global battle against infectious disease?. <i>Reproductive Toxicology</i> , 2011, 31, 327-336.	2.9	102
3	A Novel Effect of Dioxin: Exposure during Pregnancy Severely Impairs Mammary Gland Differentiation. <i>Toxicological Sciences</i> , 2004, 78, 248-257.	3.1	101
4	Activation of the aryl hydrocarbon receptor is essential for mediating the anti-inflammatory effects of a novel low-molecular-weight compound. <i>Blood</i> , 2008, 112, 1158-1165.	1.4	96
5	The Effects of Maternal Exposure to Bisphenol A on Allergic Lung Inflammation into Adulthood. <i>Toxicological Sciences</i> , 2012, 130, 82-93.	3.1	90
6	Activation of the aryl hydrocarbon receptor increases pulmonary neutrophilia and diminishes host resistance to influenza A virus. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2005, 289, L111-L124.	2.9	75
7	The aryl hydrocarbon receptor is a modulator of anti-viral immunity. <i>Biochemical Pharmacology</i> , 2009, 77, 642-653.	4.4	70
8	Sex-specific enhanced behavioral toxicity induced by maternal exposure to a mixture of low dose endocrine-disrupting chemicals. <i>NeuroToxicology</i> , 2014, 45, 121-130.	3.0	70
9	Aryl Hydrocarbon Receptor Activation Impairs the Priming but Not the Recall of Influenza Virus-Specific CD8+ T Cells in the Lung. <i>Journal of Immunology</i> , 2006, 177, 5819-5828.	0.8	66
10	Aryl Hydrocarbon Receptor Activation Reduces Dendritic Cell Function during Influenza Virus Infection. <i>Toxicological Sciences</i> , 2010, 116, 514-522.	3.1	66
11	Influenza A virus-dependent remodeling of pulmonary clock function in a mouse model of COPD. <i>Scientific Reports</i> , 2015, 5, 9927.	3.3	63
12	Aryl Hydrocarbon Receptor Activation during Influenza Virus Infection Unveils a Novel Pathway of IFN- β Production by Phagocytic Cells. <i>Journal of Immunology</i> , 2007, 179, 247-255.	0.8	59
13	The Aryl Hydrocarbon Receptor Affects Distinct Tissue Compartments during Ontogeny of the Immune System. <i>Toxicological Sciences</i> , 2008, 102, 160-170.	3.1	59
14	Developmental Exposure to Bisphenol A Modulates Innate but Not Adaptive Immune Responses to Influenza A Virus Infection. <i>PLoS ONE</i> , 2012, 7, e38448.	2.5	59
15	Examining the relationship between impaired host resistance and altered immune function in mice treated with TCDD. <i>Toxicology</i> , 2003, 188, 15-28.	4.2	56
16	New insights into the aryl hydrocarbon receptor as a modulator of host responses to infection. <i>Seminars in Immunopathology</i> , 2013, 35, 615-626.	6.1	53
17	Linking the Aryl Hydrocarbon Receptor with Altered DNA Methylation Patterns and Developmentally Induced Aberrant Antiviral CD8+ T Cell Responses. <i>Journal of Immunology</i> , 2015, 194, 4446-4457.	0.8	51
18	Differential Consequences of Two Distinct AhR Ligands on Innate and Adaptive Immune Responses to Influenza A Virus. <i>Toxicological Sciences</i> , 2014, 137, 324-334.	3.1	50

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19	Novel Cellular Targets of AhR Underlie Alterations in Neutrophilic Inflammation and Inducible Nitric Oxide Synthase Expression during Influenza Virus Infection. <i>Journal of Immunology</i> , 2013, 190, 659-668.	0.8	45
20	Fewer CTL, not enhanced NK cells, are sufficient for viral clearance from the lungs of immunocompromised mice. <i>Cellular Immunology</i> , 2003, 226, 54-64.	3.0	44
21	Neonatal hyperoxia alters the host response to influenza A virus infection in adult mice through multiple pathways. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 305, L282-L290.	2.9	44
22	Activation of the Aryl Hydrocarbon Receptor Diminishes the Memory Response to Homotypic Influenza Virus Infection but Does Not Impair Host Resistance. <i>Toxicological Sciences</i> , 2004, 79, 304-314.	3.1	39
23	Developmental Exposure to the Potent Aryl Hydrocarbon Receptor Agonist 2,3,7,8-Tetrachlorodibenzo-p-Dioxin Impairs the Cell-Mediated Immune Response to Infection with Influenza A Virus, but Enhances Elements of Innate Immunity. <i>Journal of Immunotoxicology</i> , 2004, 1, 103-112.	1.7	39
24	Lung development and the host response to influenza A virus are altered by different doses of neonatal oxygen in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L1078-L1087.	2.9	39
25	A Dose-Response Study of the Effects of Prenatal and Lactational Exposure to TCDD on the Immune Response to Influenza A Virus. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006, 69, 445-463.	2.3	37
26	Neonatal Oxygen Increases Sensitivity to Influenza A Virus Infection in Adult Mice by Suppressing Epithelial Expression of Ear1. <i>American Journal of Pathology</i> , 2012, 181, 441-451.	3.8	37
27	Aryl hydrocarbon receptor signaling modulates antiviral immune responses: ligand metabolism rather than chemical source is the stronger predictor of outcome. <i>Scientific Reports</i> , 2018, 8, 1826.	3.3	37
28	Exposure to 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Renders Influenza Virus-Specific CD8+ T Cells Hyporesponsive to Antigen. <i>Toxicological Sciences</i> , 2003, 74, 74-84.	3.1	36
29	Aryl Hydrocarbon Receptor Targets Pathways Extrinsic to Bone Marrow Cells to Enhance Neutrophil Recruitment during Influenza Virus Infection. <i>Toxicological Sciences</i> , 2008, 102, 89-99.	3.1	36
30	A Birth Cohort Study of Maternal and Infant Serum PCB-153 and DDE Concentrations and Responses to Infant Tuberculosis Vaccination. <i>Environmental Health Perspectives</i> , 2016, 124, 813-821.	6.0	36
31	Protection against Lethal Challenge with <i>Streptococcus pneumoniae</i> Is Conferred by Aryl Hydrocarbon Receptor Activation but Is Not Associated with an Enhanced Inflammatory Response. <i>Infection and Immunity</i> , 2006, 74, 5679-5686.	2.2	33
32	Negative effects of low dose atrazine exposure on the development of effective immunity to FV3 in <i>Xenopus laevis</i> . <i>Developmental and Comparative Immunology</i> , 2014, 47, 52-58.	2.3	32
33	Aryl hydrocarbon receptor activation during pregnancy, and in adult nulliparous mice, delays the subsequent development of DMBA-induced mammary tumors. <i>International Journal of Cancer</i> , 2011, 128, 1509-1523.	5.1	30
34	Activation of the Aryl Hydrocarbon Receptor during Different Critical Windows in Pregnancy Alters Mammary Epithelial Cell Proliferation and Differentiation. <i>Toxicological Sciences</i> , 2009, 111, 151-162.	3.1	29
35	Effects of Developmental Activation of the AhR on CD4+T-Cell Responses to Influenza Virus Infection in Adult Mice. <i>Environmental Health Perspectives</i> , 2014, 122, 1201-1208.	6.0	29
36	The Oxygen Environment at Birth Specifies the Population of Alveolar Epithelial Stem Cells in the Adult Lung. <i>Stem Cells</i> , 2016, 34, 1396-1406.	3.2	28

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37	New insights into the role of the aryl hydrocarbon receptor in the function of CD11c ⁺ cells during respiratory viral infection. <i>European Journal of Immunology</i> , 2014, 44, 1685-1698.	2.9	27
38	Recovery scenario and immunity in COVID-19 disease: A new strategy to predict the potential of reinfection. <i>Journal of Advanced Research</i> , 2021, 31, 49-60.	9.5	27
39	TCDD exposure disrupts mammary epithelial cell differentiation and function. <i>Reproductive Toxicology</i> , 2009, 28, 11-17.	2.9	24
40	Neonatal oxygen exposure alters airway hyperresponsiveness but not the response to allergen challenge in adult mice. <i>Pediatric Allergy and Immunology</i> , 2014, 25, 180-186.	2.6	23
41	Long term effects of carbaryl exposure on antiviral immune responses in <i>Xenopus laevis</i> . <i>Chemosphere</i> , 2017, 170, 169-175.	8.2	21
42	Water Contaminants Associated With Unconventional Oil and Gas Extraction Cause Immunotoxicity to Amphibian Tadpoles. <i>Toxicological Sciences</i> , 2018, 166, 39-50.	3.1	21
43	Activation of the Aryl Hydrocarbon Receptor During Pregnancy in the Mouse Alters Mammary Development Through Direct Effects on Stromal and Epithelial Tissues. <i>Biology of Reproduction</i> , 2011, 84, 1094-1102.	2.7	19
44	Developmental Activation of the AHR Increases Effector CD4 ⁺ T Cells and Exacerbates Symptoms in Autoimmune Disease-Prone <i>Gnaq</i> ^{+/+} Mice. <i>Toxicological Sciences</i> , 2015, 148, 555-566.	3.1	19
45	Activation of the aryl hydrocarbon receptor during development enhances the pulmonary CD4 ⁺ T-cell response to viral infection. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L305-L313.	2.9	19
46	Demographic, Reproductive, and Dietary Determinants of Perfluorooctane Sulfonic (PFOS) and Perfluorooctanoic Acid (PFOA) Concentrations in Human Colostrum. <i>Environmental Science & Technology</i> , 2016, 50, 7152-7162.	10.0	19
47	Memory CD8 ⁺ T Cells Are Sufficient To Alleviate Impaired Host Resistance to Influenza A Virus Infection Caused by Neonatal Oxygen Supplementation. <i>Vaccine Journal</i> , 2012, 19, 1432-1441.	3.1	18
48	Conditional deletion of Ahr alters gene expression profiles in hematopoietic stem cells. <i>PLoS ONE</i> , 2018, 13, e0206407.	2.5	18
49	You AhR what you eat?. <i>Nature Immunology</i> , 2012, 13, 117-119.	14.5	17
50	Cumulative neonatal oxygen exposure predicts response of adult mice infected with influenza A virus. <i>Pediatric Pulmonology</i> , 2015, 50, 222-230.	2.0	17
51	Genome-Wide Transcriptional Analysis Reveals Novel AhR Targets That Regulate Dendritic Cell Function during Influenza A Virus Infection. <i>ImmunoHorizons</i> , 2019, 3, 219-235.	1.8	16
52	Increased mortality associated with TCDD exposure in mice infected with influenza A virus is not due to severity of lung injury or alterations in Clara cell protein content. <i>Chemico-Biological Interactions</i> , 2005, 155, 181-190.	4.0	15
53	Neither direct nor developmental exposure to bisphenol A alters the severity of experimental inflammatory colitis in mice. <i>Journal of Immunotoxicology</i> , 2013, 10, 334-340.	1.7	15
54	The Ancestral Environment Shapes Antiviral CD4 ⁺ T Cell Responses across Generations. <i>IScience</i> , 2019, 20, 168-183.	4.1	15

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55	Developmental exposure to chemicals associated with unconventional oil and gas extraction alters immune homeostasis and viral immunity of the amphibian <i>Xenopus</i> . <i>Science of the Total Environment</i> , 2019, 671, 644-654.	8.0	15
56	T cell receptor transgenic mice provide novel insights into understanding cellular targets of TCDD: suppression of antibody production, but not the response of CD8+ T cells, during infection with influenza virus. <i>Toxicology and Applied Pharmacology</i> , 2003, 192, 275-286.	2.8	14
57	Environmental Toxins as Modulators of Antiviral Immune Responses. <i>Viral Immunology</i> , 2007, 20, 231-242.	1.3	13
58	Neonatal hyperoxia leads to persistent alterations in NK responses to influenza A virus infection. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 308, L76-L85.	2.9	13
59	Developmental Exposure to a Mixture of 23 Chemicals Associated With Unconventional Oil and Gas Operations Alters the Immune System of Mice. <i>Toxicological Sciences</i> , 2018, 163, 639-654.	3.1	12
60	Environmental exposures are hidden modifiers of anti-viral immunity. <i>Current Opinion in Toxicology</i> , 2018, 10, 54-59.	5.0	11
61	Environmental cues received during development shape dendritic cell responses later in life. <i>PLoS ONE</i> , 2018, 13, e0207007.	2.5	11
62	The Aryl Hydrocarbon Receptor Modulates Murine Hematopoietic Stem Cell Homeostasis and Influences Lineage-Biased Stem and Progenitor Cells. <i>Stem Cells and Development</i> , 2021, 30, 970-980.	2.1	9
63	Thyroid Disrupting Chemicals in Mixture Perturb Thymocyte Differentiation in <i>Xenopus laevis</i> Tadpoles. <i>Toxicological Sciences</i> , 2021, 181, 262-272.	3.1	8
64	Blood Lead Concentrations and Antibody Levels to Measles, Mumps, and Rubella among U.S. Children. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3035.	2.6	7
65	The Aryl Hydrocarbon Receptor Modulates T Follicular Helper Cell Responses to Influenza Virus Infection in Mice. <i>Journal of Immunology</i> , 2022, 208, 2319-2330.	0.8	7
66	Early life exposures shape the CD4+ T cell transcriptome, influencing proliferation, differentiation, and mitochondrial dynamics later in life. <i>Scientific Reports</i> , 2019, 9, 11489.	3.3	6
67	DNA Methylation Patterns in CD4+ T Cells of Naïve and Influenza A Virus-Infected Mice Developmentally Exposed to an Aryl Hydrocarbon Receptor Ligand. <i>Environmental Health Perspectives</i> , 2021, 129, 017007.	6.0	5
68	Dung biomass smoke exposure impairs resolution of inflammatory responses to influenza infection. <i>Toxicology and Applied Pharmacology</i> , 2022, 450, 116160.	2.8	4
69	Environmental Lead Exposure and Influenza and Respiratory Syncytial Virus Diagnoses in Young Children: A Test-Negative Case-Control Study. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 7625.	2.6	2
70	Refinement of coding SNPs in the human aryl hydrocarbon receptor gene using ISNPPranker: An integrative-SNP ranking web-tool. <i>Computational Biology and Chemistry</i> , 2021, 90, 107416.	2.3	2
71	Influence of Early-Life Environmental Exposures on Immune Function Across the Life Span. , 2016, , 21-54.		1
72	Exposure to a mixture of 23 chemicals associated with unconventional oil and gas operations alters immune response to challenge in adult mice. <i>Journal of Immunotoxicology</i> , 2021, 18, 105-117.	1.7	1