# B Paige Lawrence

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | The Aryl Hydrocarbon Receptor Modulates T Follicular Helper Cell Responses to Influenza Virus Infection in Mice. Journal of Immunology, 2022, 208, 2319-2330. | 0.8 | 7 |
| 2 | Dung biomass smoke exposure impairs resolution of inflammatory responses to influenza infection. Toxicology and Applied Pharmacology, 2022, 450, 116160. | 2.8 | 4 |
| 3 | Refinement of coding SNPs in the human aryl hydrocarbon receptor gene using ISNPranker: An integrative-SNP ranking web-tool. Computational Biology and Chemistry, 2021, 90, 107416. | 2.3 | 2 |
| 4 | DNA Methylation Patterns in CD4+ T Cells of NaÃ¯ve and Influenza A Virus-Infected Mice Developmentally Exposed to an Aryl Hydrocarbon Receptor Ligand. Environmental Health Perspectives, 2021, 129, 017007. | 6.0 | 5 |
| 5 | Exposure to a mixture of 23 chemicals associated with unconventional oil and gas operations alters immune response to challenge in adult mice. Journal of Immunotoxicology, 2021, 18, 105-117. | 1.7 | 1 |
| 6 | Thyroid Disrupting Chemicals in Mixture Perturb Thymocyte Differentiation in Xenopus laevis Tadpoles. Toxicological Sciences, 2021, 181, 262-272. | 3.1 | 8 |
| 7 | Recovery scenario and immunity in COVID-19 disease: A new strategy to predict the potential of reinfection. Journal of Advanced Research, 2021, 31, 49-60. | 9.5 | 27 |
| 8 | The Aryl Hydrocarbon Receptor Modulates Murine Hematopoietic Stem Cell Homeostasis and Influences Lineage-Biased Stem and Progenitor Cells. Stem Cells and Development, 2021, 30, 970-980. | 2.1 | 9 |
| 9 | Environmental Lead Exposure and Influenza and Respiratory Syncytial Virus Diagnoses in Young Children: A Test-Negative Case-Control Study. International Journal of Environmental Research and Public Health, 2020, 17, 7625. | 2.6 | 2 |
| 10 | Early life exposures shape the CD4+ T cell transcriptome, influencing proliferation, differentiation, and mitochondrial dynamics later in life. Scientific Reports, 2019, 9, 11489. | 3.3 | 6 |
| 11 | Blood Lead Concentrations and Antibody Levels to Measles, Mumps, and Rubella among U.S. Children. International Journal of Environmental Research and Public Health, 2019, 16, 3035. | 2.6 | 7 |
| 12 | The Ancestral Environment Shapes Antiviral CD8+ TÂcell Responses across Generations. IScience, 2019, 20, 168-183. | 4.1 | 15 |
| 13 | Developmental exposure to chemicals associated with unconventional oil and gas extraction alters immune homeostasis and viral immunity of the amphibian Xenopus. Science of the Total Environment, 2019, 671, 644-654. | 8.0 | 15 |
| 14 | Genome-Wide Transcriptional Analysis Reveals Novel AhR Targets That Regulate Dendritic Cell Function during Influenza A Virus Infection. ImmunoHorizons, 2019, 3, 219-235. | 1.8 | 16 |
| 15 | Environmental exposures are hidden modifiers of anti-viral immunity. Current Opinion in Toxicology, 2018, 10, 54-59. | 5.0 | 11 |
| 16 | Aryl hydrocarbon receptor signaling modulates antiviral immune responses: ligand metabolism rather than chemical source is the stronger predictor of outcome. Scientific Reports, 2018, 8, 1826. | 3.3 | 37 |
| 17 | Developmental Exposure to a Mixture of 23 Chemicals Associated With Unconventional Oil and Gas Operations Alters the Immune System of Mice. Toxicological Sciences, 2018, 163, 639-654. | 3.1 | 12 |
| 18 | Environmental cues received during development shape dendritic cell responses later in life. PLoS ONE, 2018, 13, e0207007. | 2.5 | 11 |

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|---|---|---|---|
| 19 | Conditional deletion of Ahr alters gene expression profiles in hematopoietic stem cells. PLoS ONE, 2018, 13, e0206407. | 2.5 | 18 |
| 20 | Water Contaminants Associated With Unconventional Oil and Gas Extraction Cause Immunotoxicity to Amphibian Tadpoles. Toxicological Sciences, 2018, 166, 39-50. | 3.1 | 21 |
| 21 | Long term effects of carbaryl exposure on antiviral immune responses in Xenopus laevis. Chemosphere, 2017, 170, 169-175. | 8.2 | 21 |
| 22 | A Birth Cohort Study of Maternal and Infant Serum PCB-153 and DDE Concentrations and Responses to Infant Tuberculosis Vaccination. Environmental Health Perspectives, 2016, 124, 813-821. | 6.0 | 36 |
| 23 | The Oxygen Environment at Birth Specifies the Population of Alveolar Epithelial Stem Cells in the Adult Lung. Stem Cells, 2016, 34, 1396-1406. | 3.2 | 28 |
| 24 | Demographic, Reproductive, and Dietary Determinants of Perfluorooctane Sulfonic (PFOS) and Perfluorooctanoic Acid (PFOA) Concentrations in Human Colostrum. Environmental Science & Technology, 2016, 50, 7152-7162. | 10.0 | 19 |
| 25 | Influence of Early-Life Environmental Exposures on Immune Function Across the Life Span. , 2016, , 21-54. | | 1 |
| 26 | Developmental Activation of the AHR Increases Effector CD4<sup>+</sup>T Cells and Exacerbates Symptoms in Autoimmune Disease-ProneGnaq<sup>+/</sup><sup>â˜</sup>Mice. Toxicological Sciences, 2015, 148, 555-566. | 3.1 | 19 |
| 27 | Cumulative neonatal oxygen exposure predicts response of adult mice infected with influenza A virus. Pediatric Pulmonology, 2015, 50, 222-230. | 2.0 | 17 |
| 28 | Influenza A virus-dependent remodeling of pulmonary clock function in a mouse model of COPD. Scientific Reports, 2015, 5, 9927. | 3.3 | 63 |
| 29 | Neonatal hyperoxia leads to persistent alterations in NK responses to influenza A virus infection. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 308, L76-L85. | 2.9 | 13 |
| 30 | Activation of the aryl hydrocarbon receptor during development enhances the pulmonary CD4<sup>+</sup> T-cell response to viral infection. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L305-L313. | 2.9 | 19 |
| 31 | Linking the Aryl Hydrocarbon Receptor with Altered DNA Methylation Patterns and Developmentally Induced Aberrant Antiviral CD8+ T Cell Responses. Journal of Immunology, 2015, 194, 4446-4457. | 0.8 | 51 |
| 32 | Differential Consequences of Two Distinct AhR Ligands on Innate and Adaptive Immune Responses to Influenza A Virus. Toxicological Sciences, 2014, 137, 324-334. | 3.1 | 50 |
| 33 | Effects of Developmental Activation of the AhR on CD4+T-Cell Responses to Influenza Virus Infection in Adult Mice. Environmental Health Perspectives, 2014, 122, 1201-1208. | 6.0 | 29 |
| 34 | Neonatal oxygen exposure alters airway hyperâ€responsiveness but not the response to allergen challenge in adult mice. Pediatric Allergy and Immunology, 2014, 25, 180-186. | 2.6 | 23 |
| 35 | Sex-specific enhanced behavioral toxicity induced by maternal exposure to a mixture of low dose endocrine-disrupting chemicals. NeuroToxicology, 2014, 45, 121-130. | 3.0 | 70 |
| 36 | New insights into the role of the aryl hydrocarbon receptor in the function of CD11c<sup>+</sup> cells during respiratory viral infection. European Journal of Immunology, 2014, 44, 1685-1698. | 2.9 | 27 |

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|---|---|---|---|
| 37 | Negative effects of low dose atrazine exposure on the development of effective immunity to FV3 in Xenopus laevis. Developmental and Comparative Immunology, 2014, 47, 52-58. | 2.3 | 32 |
| 38 | New insights into the aryl hydrocarbon receptor as a modulator of host responses to infection. Seminars in Immunopathology, 2013, 35, 615-626. | 6.1 | 53 |
| 39 | Neither direct nor developmental exposure to bisphenol A alters the severity of experimental inflammatory colitis in mice. Journal of Immunotoxicology, 2013, 10, 334-340. | 1.7 | 15 |
| 40 | Novel Cellular Targets of AhR Underlie Alterations in Neutrophilic Inflammation and Inducible Nitric Oxide Synthase Expression during Influenza Virus Infection. Journal of Immunology, 2013, 190, 659-668. | 0.8 | 45 |
| 41 | Neonatal hyperoxia alters the host response to influenza A virus infection in adult mice through multiple pathways. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 305, L282-L290. | 2.9 | 44 |
| 42 | The Effects of Maternal Exposure to Bisphenol A on Allergic Lung Inflammation into Adulthood. Toxicological Sciences, 2012, 130, 82-93. | 3.1 | 90 |
| 43 | Lung development and the host response to influenza A virus are altered by different doses of neonatal oxygen in mice. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L1078-L1087. | 2.9 | 39 |
| 44 | You AhR what you eat?. Nature Immunology, 2012, 13, 117-119. | 14.5 | 17 |
| 45 | Memory CD8 <sup>+</sup> T Cells Are Sufficient To Alleviate Impaired Host Resistance to Influenza A Virus Infection Caused by Neonatal Oxygen Supplementation. Vaccine Journal, 2012, 19, 1432-1441. | 3.1 | 18 |
| 46 | Neonatal Oxygen Increases Sensitivity to Influenza A Virus Infection in Adult Mice by Suppressing Epithelial Expression of Ear1. American Journal of Pathology, 2012, 181, 441-451. | 3.8 | 37 |
| 47 | Developmental Exposure to Bisphenol A Modulates Innate but Not Adaptive Immune Responses to Influenza A Virus Infection. PLoS ONE, 2012, 7, e38448. | 2.5 | 59 |
| 48 | Environmental toxicants and the developing immune system: A missing link in the global battle against infectious disease?. Reproductive Toxicology, 2011, 31, 327-336. | 2.9 | 102 |
| 49 | Aryl hydrocarbon receptor activation during pregnancy, and in adult nulliparous mice, delays the subsequent development of DMBAâ€induced mammary tumors. International Journal of Cancer, 2011, 128, 1509-1523. | 5.1 | 30 |
| 50 | Activation of the Aryl Hydrocarbon Receptor During Pregnancy in the Mouse Alters Mammary Development Through Direct Effects on Stromal and Epithelial Tissues1. Biology of Reproduction, 2011, 84, 1094-1102. | 2.7 | 19 |
| 51 | Aryl Hydrocarbon Receptor Activation Reduces Dendritic Cell Function during Influenza Virus Infection. Toxicological Sciences, 2010, 116, 514-522. | 3.1 | 66 |
| 52 | Activation of the Aryl Hydrocarbon Receptor during Different Critical Windows in Pregnancy Alters Mammary Epithelial Cell Proliferation and Differentiation. Toxicological Sciences, 2009, 111, 151-162. | 3.1 | 29 |
| 53 | The aryl hydrocarbon receptor is a modulator of anti-viral immunity. Biochemical Pharmacology, 2009, 77, 642-653. | 4.4 | 70 |
| 54 | TCDD exposure disrupts mammary epithelial cell differentiation and function. Reproductive Toxicology, 2009, 28, 11-17. | 2.9 | 24 |

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| 55 | The Aryl Hydrocarbon Receptor Affects Distinct Tissue Compartments during Ontogeny of the Immune System. Toxicological Sciences, 2008, 102, 160-170. | 3.1 | 59 |
| 56 | Aryl Hydrocarbon Receptor Targets Pathways Extrinsic to Bone Marrow Cells to Enhance Neutrophil Recruitment during Influenza Virus Infection. Toxicological Sciences, 2008, 102, 89-99. | 3.1 | 36 |
| 57 | Neonatal Hyperoxia Enhances the Inflammatory Response in Adult Mice Infected with Influenza A Virus. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 1103-1110. | 5.6 | 110 |
| 58 | Activation of the aryl hydrocarbon receptor is essential for mediating the anti-inflammatory effects of a novel low-molecular-weight compound. Blood, 2008, 112, 1158-1165. | 1.4 | 96 |
| 59 | Aryl Hydrocarbon Receptor Activation during Influenza Virus Infection Unveils a Novel Pathway of IFN-Î³ Production by Phagocytic Cells. Journal of Immunology, 2007, 179, 247-255. | 0.8 | 59 |
| 60 | Environmental Toxins as Modulators of Antiviral Immune Responses. Viral Immunology, 2007, 20, 231-242. | 1.3 | 13 |
| 61 | Protection against Lethal Challenge with Streptococcus pneumoniae Is Conferred by Aryl Hydrocarbon Receptor Activation but Is Not Associated with an Enhanced Inflammatory Response. Infection and Immunity, 2006, 74, 5679-5686. | 2.2 | 33 |
| 62 | Aryl Hydrocarbon Receptor Activation Impairs the Priming but Not the Recall of Influenza Virus-Specific CD8+ T Cells in the Lung. Journal of Immunology, 2006, 177, 5819-5828. | 0.8 | 66 |
| 63 | A Dose-Response Study of the Effects of Prenatal and Lactational Exposure to TCDD on the Immune Response to Influenza A Virus. Journal of Toxicology and Environmental Health - Part A: Current Issues, 2006, 69, 445-463. | 2.3 | 37 |
| 64 | 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. Chemico-Biological Interactions, 2005, 155, 181-190. | 4.0 | 15 |
| 65 | Activation of the aryl hydrocarbon receptor increases pulmonary neutrophilia and diminishes host resistance to influenza A virus. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 289, L111-L124. | 2.9 | 75 |
| 66 | A Novel Effect of Dioxin: Exposure during Pregnancy Severely Impairs Mammary Gland Differentiation. Toxicological Sciences, 2004, 78, 248-257. | 3.1 | 101 |
| 67 | Activation of the Aryl Hydrocarbon Receptor Diminishes the Memory Response to Homotypic Influenza Virus Infection but Does Not Impair Host Resistance. Toxicological Sciences, 2004, 79, 304-314. | 3.1 | 39 |
| 68 | 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. Journal of Immunotoxicology, 2004, 1, 103-112. | 1.7 | 39 |
| 69 | Fewer CTL, not enhanced NK cells, are sufficient for viral clearance from the lungs of immunocompromised mice. Cellular Immunology, 2003, 226, 54-64. | 3.0 | 44 |
| 70 | 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. Toxicology and Applied Pharmacology, 2003, 192, 275-286. | 2.8 | 14 |
| 71 | Examining the relationship between impaired host resistance and altered immune function in mice treated with TCDD. Toxicology, 2003, 188, 15-28. | 4.2 | 56 |
| 72 | Exposure to 2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) Renders Influenza Virus-Specific CD8+ T Cells Hyporesponsive to Antigen. Toxicological Sciences, 2003, 74, 74-84. | 3.1 | 36 |