

Sandra M Blois

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2602338/publications.pdf>

Version: 2024-02-01

61
papers

2,969
citations

201674

27
h-index

168389

53
g-index

64
all docs

64
docs citations

64
times ranked

3089
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A pivotal role for galectin-1 in fetomaternal tolerance. <i>Nature Medicine</i> , 2007, 13, 1450-1457. | 30.7 | 431 |
| 2 | Early risk factors for miscarriage: a prospective cohort study in pregnant women. <i>Reproductive BioMedicine Online</i> , 2008, 17, 101-113. | 2.4 | 188 |
| 3 | Dendritic Cells: Key to Fetal Tolerance?1. <i>Biology of Reproduction</i> , 2007, 77, 590-598. | 2.7 | 170 |
| 4 | Depletion of CD8+ Cells Abolishes the Pregnancy Protective Effect of Progesterone Substitution with Dydrogesterone in Mice by Altering the Th1/Th2 Cytokine Profile. <i>Journal of Immunology</i> , 2004, 172, 5893-5899. | 0.8 | 152 |
| 5 | Lineage, Maturity, and Phenotype of Uterine Murine Dendritic Cells Throughout Gestation Indicate a Protective Role in Maintaining Pregnancy1. <i>Biology of Reproduction</i> , 2004, 70, 1018-1023. | 2.7 | 146 |
| 6 | Decidualization and angiogenesis in early pregnancy: unravelling the functions of DC and NK cells. <i>Journal of Reproductive Immunology</i> , 2011, 88, 86-92. | 1.9 | 122 |
| 7 | Prenatal Stress Enhances Susceptibility of Murine Adult Offspring toward Airway Inflammation. <i>Journal of Immunology</i> , 2006, 177, 8484-8492. | 0.8 | 120 |
| 8 | Antigen Presenting Cells and Materno-Fetal Tolerance: An Emerging Role for Dendritic Cells. <i>American Journal of Reproductive Immunology</i> , 2007, 58, 255-267. | 1.2 | 107 |
| 9 | Galectin-1 influences trophoblast immune evasion and emerges as a predictive factor for the outcome of pregnancy. <i>Molecular Human Reproduction</i> , 2013, 19, 43-53. | 2.8 | 98 |
| 10 | Neuroendocrine-immune disequilibrium and endometriosis: an interdisciplinary approach. <i>Seminars in Immunopathology</i> , 2007, 29, 193-210. | 6.1 | 96 |
| 11 | Interfering with Gal-1-mediated angiogenesis contributes to the pathogenesis of preeclampsia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 11451-11456. | 7.1 | 93 |
| 12 | In vivo dendritic cell depletion reduces breeding efficiency, affecting implantation and early placental development in mice. <i>Journal of Molecular Medicine</i> , 2008, 86, 999-1011. | 3.9 | 74 |
| 13 | Involvement of galectin-1 in reproduction: past, present and future. <i>Human Reproduction Update</i> , 2014, 20, 175-193. | 10.8 | 67 |
| 14 | Analysis of HLA-G in Maternal Plasma, Follicular Fluid, and Preimplantation Embryos Reveal an Asymmetric Pattern of Expression. <i>Journal of Immunology</i> , 2008, 180, 4330-4337. | 0.8 | 52 |
| 15 | Role of Dendritic Cells in the Regulation of Maternal Immune Responses to the Fetus During Mammalian Gestation. <i>Immunological Investigations</i> , 2008, 37, 499-533. | 2.0 | 47 |
| 16 | Uterine NK Cells Are Critical in Shaping DC Immunogenic Functions Compatible with Pregnancy Progression. <i>PLoS ONE</i> , 2012, 7, e46755. | 2.5 | 47 |
| 17 | Interaction between dendritic cells and natural killer cells during pregnancy in mice. <i>Journal of Molecular Medicine</i> , 2008, 86, 837-852. | 3.9 | 46 |
| 18 | Endometriosis research: animal models for the study of a complex disease. <i>Journal of Reproductive Immunology</i> , 2010, 86, 141-147. | 1.9 | 46 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Substance P Is a Key Mediator of Stress-Induced Protection from Allergic Sensitization via Modified Antigen Presentation. <i>Journal of Immunology</i> , 2011, 186, 848-855. | 0.8 | 45 |
| 20 | NKG2D Blockade Inhibits Poly(I:C)-Triggered Fetal Loss in Wild Type but Not in IL-10 ^{-/-} Mice. <i>Journal of Immunology</i> , 2013, 190, 3639-3647. | 0.8 | 45 |
| 21 | Peripheral blood galectin-1-expressing T and natural killer cells in normal pregnancy and preeclampsia. <i>Clinical Immunology</i> , 2011, 139, 48-56. | 3.2 | 42 |
| 22 | Pregnancy Galectinology: Insights Into a Complex Network of Glycan Binding Proteins. <i>Frontiers in Immunology</i> , 2019, 10, 1166. | 4.8 | 39 |
| 23 | Neutralization of LPS or blockage of TLR4 signaling prevents stress-triggered fetal loss in murine pregnancy. <i>Journal of Molecular Medicine</i> , 2011, 89, 689-699. | 3.9 | 36 |
| 24 | CXCR4+ Dendritic cells promote angiogenesis during embryo implantation in mice. <i>Angiogenesis</i> , 2013, 16, 417-427. | 7.2 | 36 |
| 25 | Evidence for Differential Glycosylation of Trophoblast Cell Types. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1857-1866. | 3.8 | 32 |
| 26 | Profiling Lgals9 Splice Variant Expression at the Fetal-Maternal Interface: Implications in Normal and Pathological Human Pregnancy1. <i>Biology of Reproduction</i> , 2013, 88, 22. | 2.7 | 31 |
| 27 | Galectin signature in normal pregnancy and preeclampsia. <i>Journal of Reproductive Immunology</i> , 2014, 101-102, 127-134. | 1.9 | 31 |
| 28 | NK cell-derived IL-10 is critical for DC-NK cell dialogue at the maternal-fetal interface. <i>Scientific Reports</i> , 2017, 7, 2189. | 3.3 | 30 |
| 29 | Interaction of Pregnancy-Specific Glycoprotein 1 With Integrin $\alpha 5 \beta 1$ Is a Modulator of Extravillous Trophoblast Functions. <i>Cells</i> , 2019, 8, 1369. | 4.1 | 30 |
| 30 | Galectin-3 deficiency in pregnancy increases the risk of fetal growth restriction (FGR) via placental insufficiency. <i>Cell Death and Disease</i> , 2020, 11, 560. | 6.3 | 28 |
| 31 | Balanced levels of nerve growth factor are required for normal pregnancy progression. <i>Reproduction</i> , 2014, 148, 179-189. | 2.6 | 27 |
| 32 | Differential immunoregulation in successful oocyte donation pregnancies compared with naturally conceived pregnancies. <i>Journal of Reproductive Immunology</i> , 2014, 101-102, 96-103. | 1.9 | 26 |
| 33 | Getting too sweet: galectin-1 dysregulation in gestational diabetes mellitus. <i>Molecular Human Reproduction</i> , 2014, 20, 644-649. | 2.8 | 25 |
| 34 | Decidual Angiogenesis and Placental Orientation Are Altered in Mice Heterozygous for a Dominant Loss-of-Function Gja1 (Connexin43) Mutation1. <i>Biology of Reproduction</i> , 2013, 89, 111. | 2.7 | 24 |
| 35 | Neuroendocrine circuitry and endometriosis: progesterone derivative dampens corticotropin-releasing hormone-induced inflammation by peritoneal cells in vitro. <i>Journal of Molecular Medicine</i> , 2010, 88, 267-278. | 3.9 | 23 |
| 36 | The upside of natural killers. <i>Nature Medicine</i> , 2008, 14, 1184-1185. | 30.7 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Galectins in angiogenesis: consequences for gestation. <i>Journal of Reproductive Immunology</i> , 2015, 108, 33-41. | 1.9 | 22 |
| 38 | An Impaired Breeding Phenotype in Mice with a Genetic Deletion of Beta-2 Microglobulin and Diminished MHC Class I Expression: Role in Reproductive Fitness1. <i>Biology of Reproduction</i> , 2007, 77, 274-279. | 2.7 | 21 |
| 39 | Early Expression of Pregnancy-Specific Glycoprotein 22 (PSG22) by Trophoblast Cells Modulates Angiogenesis in Mice1. <i>Biology of Reproduction</i> , 2012, 86, 191. | 2.7 | 21 |
| 40 | Glycan characterization of pregnancy-specific glycoprotein 1 and its identification as a novel Galectin-1 ligand. <i>Glycobiology</i> , 2020, 30, 895-909. | 2.5 | 21 |
| 41 | Administration of Interferon-Alpha in Mice Provokes Peripheral and Central Modulation of Immune Cells, Accompanied by Behavioral Effects. <i>Neuropsychobiology</i> , 2008, 58, 211-222. | 1.9 | 19 |
| 42 | Dendritic cells regulate angiogenesis associated with liver fibrogenesis. <i>Angiogenesis</i> , 2014, 17, 119-128. | 7.2 | 19 |
| 43 | High Expression of Survivin and Down-Regulation of Stat-3 Characterize the Feto-Maternal Interface in Failing Murine Pregnancies During the Implantation Period. <i>Placenta</i> , 2007, 28, 650-657. | 1.5 | 17 |
| 44 | The chimera-type galectin-3 is a positive modulator of trophoblast functions with dysregulated expression in gestational diabetes mellitus. <i>American Journal of Reproductive Immunology</i> , 2020, 84, e13311. | 1.2 | 17 |
| 45 | Altered Glycosylation Contributes to Placental Dysfunction Upon Early Disruption of the NK Cell-DC Dynamics. <i>Frontiers in Immunology</i> , 2020, 11, 1316. | 4.8 | 15 |
| 46 | Differential Spatiotemporal Patterns of Galectin Expression are a Hallmark of Endotheliochorial Placentation. <i>American Journal of Reproductive Immunology</i> , 2016, 75, 317-325. | 1.2 | 14 |
| 47 | Medawar's PostEra: Galectins Emerged as Key Players During Fetal-Maternal Glycoimmune Adaptation. <i>Frontiers in Immunology</i> , 2021, 12, 784473. | 4.8 | 13 |
| 48 | Elevated systemic galectin-1 levels characterize HELLP syndrome. <i>Journal of Reproductive Immunology</i> , 2016, 114, 38-43. | 1.9 | 12 |
| 49 | Immunobiology of Gestational Diabetes Mellitus in Post-Medawar Era. <i>Frontiers in Immunology</i> , 2021, 12, 758267. | 4.8 | 12 |
| 50 | A potential pathophysiological role for galectins and the renin-angiotensin system in preeclampsia. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 39-50. | 5.4 | 11 |
| 51 | Endogenous lysophosphatidic acid participates in vascularisation and decidualisation at the maternal-fetal interface in the rat. <i>Reproduction, Fertility and Development</i> , 2017, 29, 2112. | 0.4 | 11 |
| 52 | Role of galectin-glycan circuits in reproduction: from healthy pregnancy to preterm birth (PTB). <i>Seminars in Immunopathology</i> , 2020, 42, 469-486. | 6.1 | 11 |
| 53 | Cell-intrinsic regulation of murine dendritic cell function and survival by prereceptor amplification of glucocorticoid. <i>Blood</i> , 2013, 122, 3288-3297. | 1.4 | 9 |
| 54 | Placental Glycoredox Dysregulation Associated with Disease Progression in an Animal Model of Superimposed Preeclampsia. <i>Cells</i> , 2021, 10, 800. | 4.1 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Phenotyping placental oxygenation in Lgals1 deficient mice using 19F MRI. Scientific Reports, 2021, 11, 2126. | 3.3 | 4 |
| 56 | Galectin-Levels Are Elevated in Infants Born Preterm Due to Amniotic Infection and Rapidly Decline in the Neonatal Period. Frontiers in Immunology, 2020, 11, 599104. | 4.8 | 3 |
| 57 | Acceleration of TAA-Induced Liver Fibrosis by Stress Exposure Is Associated with Upregulation of Nerve Growth Factor and Glycopattern Deviations. International Journal of Molecular Sciences, 2021, 22, 5055. | 4.1 | 3 |
| 58 | Targeted disruption of galectin 3 in mice delays the first wave of spermatogenesis and increases germ cell apoptosis. Cellular and Molecular Life Sciences, 2021, 78, 3621-3635. | 5.4 | 2 |
| 59 | Examination of the Contributions of Maternal/Placental-Derived Galectin-1 to Pregnancy Outcome. Methods in Molecular Biology, 2022, 2442, 603-619. | 0.9 | 2 |
| 60 | Expression of the alternative splicing regulator Rbfox2 during placental development is differentially regulated in preeclampsia mouse models. American Journal of Reproductive Immunology, 2021, 86, e13491. | 1.2 | 1 |
| 61 | Soluble CD146 is increased in preeclampsia and interacts with galectin-1 to regulate trophoblast migration through VEGFR2 receptor. F&S Science, 2022, 3, 84-94. | 0.9 | 1 |