

# Sandra M Blois

## List of Publications by Year in descending order

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Version: 2024-02-01

61  
papers

2,969  
citations

230014

27  
h-index

190340

53  
g-index

64  
all docs

64  
docs citations

64  
times ranked

3330  
citing authors

#	ARTICLE	IF	CITATIONS
1	Soluble CD146 is increased in preeclampsia and interacts with galectin-1 to regulate trophoblast migration through VEGFR2 receptor. <i>F&amp;S Science</i> , 2022, 3, 84-94.	0.5	1
2	Examination of the Contributions of Maternal/Placental-Derived Galectin-1 to Pregnancy Outcome. <i>Methods in Molecular Biology</i> , 2022, 2442, 603-619.	0.4	2
3	Phenotyping placental oxygenation in <i>Lgals1</i> deficient mice using 19F MRI. <i>Scientific Reports</i> , 2021, 11, 2126.	1.6	4
4	Targeted disruption of galectin 3 in mice delays the first wave of spermatogenesis and increases germ cell apoptosis. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 3621-3635.	2.4	2
5	Placental Glycoredox Dysregulation Associated with Disease Progression in an Animal Model of Superimposed Preeclampsia. <i>Cells</i> , 2021, 10, 800.	1.8	7
6	Acceleration of TAA-Induced Liver Fibrosis by Stress Exposure Is Associated with Upregulation of Nerve Growth Factor and Glycopattern Deviations. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5055.	1.8	3
7	Expression of the alternative splicing regulator <i>Rbfox2</i> during placental development is differentially regulated in preeclampsia mouse models. <i>American Journal of Reproductive Immunology</i> , 2021, 86, e13491.	1.2	1
8	Immunobiology of Gestational Diabetes Mellitus in Post-Medawar Era. <i>Frontiers in Immunology</i> , 2021, 12, 758267.	2.2	12
9	Medawar's PostEra: Galectins Emerged as Key Players During Fetal-Maternal Glycoimmune Adaptation. <i>Frontiers in Immunology</i> , 2021, 12, 784473.	2.2	13
10	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
11	Altered Glycosylation Contributes to Placental Dysfunction Upon Early Disruption of the NK Cell-DC Dynamics. <i>Frontiers in Immunology</i> , 2020, 11, 1316.	2.2	15
12	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.	2.7	28
13	Role of galectin-glycan circuits in reproduction: from healthy pregnancy to preterm birth (PTB). <i>Seminars in Immunopathology</i> , 2020, 42, 469-486.	2.8	11
14	Glycan characterization of pregnancy-specific glycoprotein 1 and its identification as a novel Galectin-1 ligand. <i>Glycobiology</i> , 2020, 30, 895-909.	1.3	21
15	Galectin-Levels Are Elevated in Infants Born Preterm Due to Amniotic Infection and Rapidly Decline in the Neonatal Period. <i>Frontiers in Immunology</i> , 2020, 11, 599104.	2.2	3
16	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.	1.8	30
17	Pregnancy Galectinology: Insights Into a Complex Network of Glycan Binding Proteins. <i>Frontiers in Immunology</i> , 2019, 10, 1166.	2.2	39
18	NK cell-derived IL-10 is critical for DC-NK cell dialogue at the maternal-fetal interface. <i>Scientific Reports</i> , 2017, 7, 2189.	1.6	30

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19	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.	0.1	11
20	Evidence for Differential Glycosylation of Trophoblast Cell Types. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1857-1866.	2.5	32
21	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
22	Elevated systemic galectin-1 levels characterize HELLP syndrome. <i>Journal of Reproductive Immunology</i> , 2016, 114, 38-43.	0.8	12
23	Galectins in angiogenesis: consequences for gestation. <i>Journal of Reproductive Immunology</i> , 2015, 108, 33-41.	0.8	22
24	A potential pathophysiological role for galectins and the renin-angiotensin system in preeclampsia. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 39-50.	2.4	11
25	Getting too sweet: galectin-1 dysregulation in gestational diabetes mellitus. <i>Molecular Human Reproduction</i> , 2014, 20, 644-649.	1.3	25
26	Involvement of galectin-1 in reproduction: past, present and future. <i>Human Reproduction Update</i> , 2014, 20, 175-193.	5.2	67
27	Dendritic cells regulate angiogenesis associated with liver fibrogenesis. <i>Angiogenesis</i> , 2014, 17, 119-128.	3.7	19
28	Balanced levels of nerve growth factor are required for normal pregnancy progression. <i>Reproduction</i> , 2014, 148, 179-189.	1.1	27
29	Differential immunoregulation in successful oocyte donation pregnancies compared with naturally conceived pregnancies. <i>Journal of Reproductive Immunology</i> , 2014, 101-102, 96-103.	0.8	26
30	Galectin signature in normal pregnancy and preeclampsia. <i>Journal of Reproductive Immunology</i> , 2014, 101-102, 127-134.	0.8	31
31	CXCR4+ Dendritic cells promote angiogenesis during embryo implantation in mice. <i>Angiogenesis</i> , 2013, 16, 417-427.	3.7	36
32	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.	1.3	98
33	Cell-intrinsic regulation of murine dendritic cell function and survival by prereceptor amplification of glucocorticoid. <i>Blood</i> , 2013, 122, 3288-3297.	0.6	9
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.	1.2	24
35	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.	1.2	31
36	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.	3.3	93

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37	NKG2D Blockade Inhibits Poly(I:C)-Triggered Fetal Loss in Wild Type but Not in IL-10 <sup>-/-</sup> Mice. <i>Journal of Immunology</i> , 2013, 190, 3639-3647.	0.4	45
38	Early Expression of Pregnancy-Specific Glycoprotein 22 (PSG22) by Trophoblast Cells Modulates Angiogenesis in Mice. <i>Biology of Reproduction</i> , 2012, 86, 191.	1.2	21
39	Uterine NK Cells Are Critical in Shaping DC Immunogenic Functions Compatible with Pregnancy Progression. <i>PLoS ONE</i> , 2012, 7, e46755.	1.1	47
40	Decidualization and angiogenesis in early pregnancy: unravelling the functions of DC and NK cells. <i>Journal of Reproductive Immunology</i> , 2011, 88, 86-92.	0.8	122
41	Peripheral blood galectin-1-expressing T and natural killer cells in normal pregnancy and preeclampsia. <i>Clinical Immunology</i> , 2011, 139, 48-56.	1.4	42
42	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.	1.7	36
43	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.	0.4	45
44	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.	1.7	23
45	Endometriosis research: animal models for the study of a complex disease. <i>Journal of Reproductive Immunology</i> , 2010, 86, 141-147.	0.8	46
46	Interaction between dendritic cells and natural killer cells during pregnancy in mice. <i>Journal of Molecular Medicine</i> , 2008, 86, 837-852.	1.7	46
47	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.	1.7	74
48	The upside of natural killers. <i>Nature Medicine</i> , 2008, 14, 1184-1185.	15.2	22
49	Early risk factors for miscarriage: a prospective cohort study in pregnant women. <i>Reproductive BioMedicine Online</i> , 2008, 17, 101-113.	1.1	188
50	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.	0.9	19
51	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.	0.4	52
52	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.	1.0	47
53	An Impaired Breeding Phenotype in Mice with a Genetic Deletion of Beta-2 Microglobulin and Diminished MHC Class I Expression: Role in Reproductive Fitness. <i>Biology of Reproduction</i> , 2007, 77, 274-279.	1.2	21
54	Dendritic Cells: Key to Fetal Tolerance? <i>Biology of Reproduction</i> , 2007, 77, 590-598.	1.2	170

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55	Antigen Presenting Cells and Materno-Fetal Tolerance: An Emerging Role for Dendritic Cells. American Journal of Reproductive Immunology, 2007, 58, 255-267.	1.2	107
56	A pivotal role for galectin-1 in fetomaternal tolerance. Nature Medicine, 2007, 13, 1450-1457.	15.2	431
57	High Expression of Survivin and Down-Regulation of Stat-3 Characterize the Feto-Maternal Interface in Failing Murine Pregnancies During the Implantation Period. Placenta, 2007, 28, 650-657.	0.7	17
58	Neuroendocrine-immune disequilibrium and endometriosis: an interdisciplinary approach. Seminars in Immunopathology, 2007, 29, 193-210.	2.8	96
59	Prenatal Stress Enhances Susceptibility of Murine Adult Offspring toward Airway Inflammation. Journal of Immunology, 2006, 177, 8484-8492.	0.4	120
60	Lineage, Maturity, and Phenotype of Uterine Murine Dendritic Cells Throughout Gestation Indicate a Protective Role in Maintaining Pregnancy <sup>1</sup> . Biology of Reproduction, 2004, 70, 1018-1023.	1.2	146
61	Depletion of CD8 <sup>+</sup> Cells Abolishes the Pregnancy Protective Effect of Progesterone Substitution with Dydrogesterone in Mice by Altering the Th1/Th2 Cytokine Profile. Journal of Immunology, 2004, 172, 5893-5899.	0.4	152