

# DÃ©bora C Damasceno

## List of Publications by Year in descending order

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Version: 2024-02-01

101  
papers

1,767  
citations

279798

23  
h-index

395702

33  
g-index

106  
all docs

106  
docs citations

106  
times ranked

1948  
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidative stress and diabetes in pregnant rats. <i>Animal Reproduction Science</i> , 2002, 72, 235-244.	1.5	101
2	Morphometric study of placental villi and vessels in women with mild hyperglycemia or gestational or overt diabetes. <i>Diabetes Research and Clinical Practice</i> , 2007, 78, 65-71.	2.8	79
3	Oxidative DNA damage in diabetic and mild gestational hyperglycemic pregnant women. <i>Diabetology and Metabolic Syndrome</i> , 2015, 7, 1.	2.7	68
4	Vitamin C partially attenuates male reproductive deficits in hyperglycemic rats. <i>Reproductive Biology and Endocrinology</i> , 2011, 9, 100.	3.3	64
5	Animal models for clinical and gestational diabetes: maternal and fetal outcomes. <i>Diabetology and Metabolic Syndrome</i> , 2009, 1, 21.	2.7	52
6	Changes in the TNF-alpha/IL-10 ratio in hyperglycemia-associated pregnancies. <i>Diabetes Research and Clinical Practice</i> , 2015, 107, 362-369.	2.8	37
7	Oxidative stress status and lipid profiles of diabetic pregnant rats exposed to cigarette smoke. <i>Reproductive BioMedicine Online</i> , 2010, 20, 547-552.	2.4	35
8	Neonatally Induced Mild Diabetes in Rats and Its Effect on Maternal, Placental, and Fetal Parameters. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-7.	3.8	35
9	Diabetic Rats Exercised Prior to and During Pregnancy: Maternal Reproductive Outcome, Biochemical Profile, and Frequency of Fetal Anomalies. <i>Reproductive Sciences</i> , 2013, 20, 730-738.	2.5	35
10	Hyperglycemia induces inflammatory mediators in the human chorionic villous. <i>Cytokine</i> , 2018, 111, 41-48.	3.2	33
11	Effect of maternal obesity on diabetes development in adult rat offspring. <i>Life Sciences</i> , 2007, 81, 1473-1478.	4.3	32
12	Histopathological placental lesions in mild gestational hyperglycemic and diabetic women. <i>Diabetology and Metabolic Syndrome</i> , 2011, 3, 19.	2.7	31
13	Treatment with <i>Azadirachta indica</i> in diabetic pregnant rats: Negative effects on maternal outcome. <i>Journal of Ethnopharmacology</i> , 2012, 143, 805-811.	4.1	30
14	DNA Damage and Its Cellular Response in Mother and Fetus Exposed to Hyperglycemic Environment. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	30
15	Urethral striated muscle and extracellular matrix morphological characteristics among mildly diabetic pregnant rats: translational approach. <i>International Urogynecology Journal</i> , 2014, 25, 403-415.	1.4	30
16	Effects of <i>Passiflora edulis</i> on the Metabolic Profile of Diabetic Wistar Rat Offspring. <i>Journal of Medicinal Food</i> , 2011, 14, 1490-1495.	1.5	28
17	Glutamate-induced obesity leads to decreased sperm reserves and acceleration of transit time in the epididymis of adult male rats. <i>Reproductive Biology and Endocrinology</i> , 2012, 10, 105.	3.3	28
18	Beneficial effects of <i>Hibiscus rosa-sinensis</i> L. flower aqueous extract in pregnant rats with diabetes. <i>PLoS ONE</i> , 2017, 12, e0179785.	2.5	27

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19	Neonatally-induced diabetes: lipid profile outcomes and oxidative stress status in adult rats. <i>Revista Da Associa�o M�dica Brasileira</i> , 2009, 55, 384-388.	0.7	25
20	Effects of cigarette smoke exposure on pregnancy outcome and offspring of diabetic rats. <i>Reproductive BioMedicine Online</i> , 2009, 18, 562-567.	2.4	25
21	Adverse effects of <i>Croton urucurana</i> B. exposure during rat pregnancy. <i>Journal of Ethnopharmacology</i> , 2017, 199, 328-333.	4.1	25
22	Evaluation of neonatally-induced mild diabetes in rats: Maternal and fetal repercussions. <i>Diabetology and Metabolic Syndrome</i> , 2010, 2, 37.	2.7	24
23	Repercussions of mild diabetes on pregnancy in Wistar rats and on the fetal development. <i>Diabetology and Metabolic Syndrome</i> , 2010, 2, 26.	2.7	24
24	Short- and long-term reproductive effects of prenatal and lactational growth restriction caused by maternal diabetes in male rats. <i>Reproductive Biology and Endocrinology</i> , 2011, 9, 154.	3.3	24
25	Metabolic profile and genotoxicity in obese rats exposed to cigarette smoke. <i>Obesity</i> , 2013, 21, 1596-1601.	3.0	24
26	Influence of Maternal Hyperglycemia on IL-10 and TNF-� Production: The Relationship with Perinatal Outcomes. <i>Journal of Clinical Immunology</i> , 2012, 32, 604-610.	3.8	23
27	Oxidative Stress Status and Placental Implications in Diabetic Rats Undergoing Swimming Exercise After Embryonic Implantation. <i>Reproductive Sciences</i> , 2015, 22, 602-608.	2.5	23
28	Effects of exposure to cigarette smoke prior to pregnancy in diabetic rats. <i>Diabetology and Metabolic Syndrome</i> , 2011, 3, 20.	2.7	22
29	Effects of <i>Passiflora edulis</i> (Yellow Passion) on Serum Lipids and Oxidative Stress Status of Wistar Rats. <i>Journal of Medicinal Food</i> , 2012, 15, 78-82.	1.5	22
30	Impact of maternal mild hyperglycemia on maternal care and offspring development and behavior of Wistar rats. <i>Physiology and Behavior</i> , 2012, 107, 292-300.	2.1	22
31	Role of sex hormones in gastrointestinal motility in pregnant and non-pregnant rats. <i>World Journal of Gastroenterology</i> , 2016, 22, 5761.	3.3	22
32	<i>Azadirachta indica</i> treatment on the congenital malformations of fetuses from rats. <i>Journal of Ethnopharmacology</i> , 2013, 150, 1109-1113.	4.1	21
33	Hyperglycemia Differentially Affects Maternal and Fetal DNA Integrity and DNA Damage Response. <i>International Journal of Biological Sciences</i> , 2016, 12, 466-477.	6.4	21
34	Diet-Induced Weight Loss Reduces DNA Damage and Cardiometabolic Risk Factors in Overweight/Obese Women with Polycystic Ovary Syndrome. <i>Annals of Nutrition and Metabolism</i> , 2016, 68, 220-227.	1.9	21
35	Pancreatic islet response to diabetes during pregnancy in rats. <i>Life Sciences</i> , 2018, 214, 1-10.	4.3	21
36	Possible mechanism by which zinc protects the testicular function of rats exposed to cigarette smoke. <i>Pharmacological Reports</i> , 2012, 64, 1537-1546.	3.3	20

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37	Effect of essential oil from <i>Citrus aurantium</i> in maternal reproductive outcome and fetal anomaly frequency in rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2015, 87, 407-415.	0.8	20
38	Metabolic Profile of Offspring from Diabetic <i>Wistar</i> Rats Treated with <i>Mentha piperita</i> (Peppermint). <i>Evidence-based Complementary and Alternative Medicine</i> , 2011, 2011, 1-6.	1.2	19
39	Effects of short-term severe and long-term mild STZ-induced diabetes in urethral tissue of female rats. <i>Neurourology and Urodynamics</i> , 2017, 36, 574-579.	1.5	19
40	Effect of the induction of transgenerational obesity on maternal-fetal parameters. <i>Systems Biology in Reproductive Medicine</i> , 2018, 64, 51-59.	2.1	19
41	The influence of hyperglycemia on the remodeling of urethral connective tissue in pregnant rats. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2018, 221, 81-88.	1.1	18
42	AvaliaÃ§Ã£o do efeito do exercÃ©cio fÃsico no metabolismo de ratas diabÃ©ticas prenhes. <i>Revista Brasileira De Medicina Do Esporte</i> , 2006, 12, 229-233.	0.2	17
43	Effect of <i>Bauhinia holophylla</i> treatment in Streptozotocin-induced diabetic rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017, 89, 263-272.	0.8	17
44	Severity of prepregnancy diabetes on the fetal malformations and viability associated with early embryos in rats. <i>Biology of Reproduction</i> , 2020, 103, 938-950.	2.7	17
45	Evaluation of level of DNA damage in blood leukocytes of non-diabetic and diabetic rat exposed to cigarette smoke. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2007, 628, 117-122.	1.7	15
46	Evaluation of Glycemic and Lipid Profile of Offspring of Diabetic <i>Wistar</i> Rats Treated with <i>Malpighia emarginata</i> Juice. <i>Experimental Diabetes Research</i> , 2011, 2011, 1-6.	3.8	15
47	Alterations in the structural characteristics of rectus abdominis muscles caused by diabetes and pregnancy: A comparative study of the rat model and women. <i>PLoS ONE</i> , 2020, 15, e0231096.	2.5	15
48	Comparison of streptozotocin-induced diabetes at different moments of the life of female rats for translational studies. <i>Laboratory Animals</i> , 2021, 55, 329-340.	1.0	15
49	Levels of DNA damage in blood leukocyte samples from non-diabetic and diabetic female rats and their fetuses exposed to air or cigarette smoke. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2008, 653, 44-49.	1.7	14
50	Heat shock protein production and immunity and altered fetal development in diabetic pregnant rats. <i>Cell Stress and Chaperones</i> , 2013, 18, 25-33.	2.9	14
51	Metabolic changes in female rats exposed to intrauterine hyperglycemia and postweaning consumption of high-fat diet. <i>Biology of Reproduction</i> , 2022, 106, 200-212.	2.7	14
52	Increased DNA Damage is Related to Maternal Blood Glucose Levels in the Offspring of Women With Diabetes and Mild Gestational Hyperglycemia. <i>Reproductive Sciences</i> , 2016, 23, 318-323.	2.5	13
53	Pregnancy-specific urinary incontinence in women with gestational hyperglycaemia worsens the occurrence and severity of urinary incontinence and quality of life over the first year post partum. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2020, 252, 336-343.	1.1	13
54	Maternal-fetal repercussions of <i>Phyllanthus niruri</i> L. treatment during rat pregnancy. <i>Journal of Ethnopharmacology</i> , 2020, 254, 112728.	4.1	12

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55	Short and long-term repercussions of the experimental diabetes in embryofetal development. <i>Diabetes/Metabolism Research and Reviews</i> , 2014, 30, 575-581.	4.0	11
56	Repercussions of low fructose-drinking water in male rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, e20170705.	0.8	11
57	Can vitamins C and E restore the androgen level and hypersensitivity of the vas deferens in hyperglycemic rats?. <i>Pharmacological Reports</i> , 2011, 63, 983-991.	3.3	10
58	Morphological changes in the fast vs slow fiber profiles of the urethras of diabetic pregnant rats. <i>Urogynaecologia International Journal</i> , 2011, 25, 9.	0.2	10
59	Neonatally induced mild diabetes: influence on development, behavior and reproductive function of female Wistar rats. <i>Diabetology and Metabolic Syndrome</i> , 2013, 5, 61.	2.7	10
60	IRS-1 gene polymorphism and DNA damage in pregnant women with diabetes or mild gestational hyperglycemia. <i>Diabetology and Metabolic Syndrome</i> , 2015, 7, 30.	2.7	10
61	Mild diabetes: long-term effects on gastric motility evaluated in rats. <i>International Journal of Experimental Pathology</i> , 2018, 99, 29-37.	1.3	10
62	Temporal analysis of distribution pattern of islet cells and antioxidant enzymes for diabetes onset in postnatal critical development window in rats. <i>Life Sciences</i> , 2019, 226, 57-67.	4.3	10
63	Maternal Oxidative Stress, Placental Morphometry, and Fetal Growth in Diabetic Rats Exposed to Cigarette Smoke. <i>Reproductive Sciences</i> , 2019, 26, 1287-1293.	2.5	10
64	Effect of exercise on the maternal outcome in pregnancy of spontaneously hypertensive rats. <i>Acta Cirurgica Brasileira</i> , 2014, 29, 553-559.	0.7	9
65	Comparative analysis of two different models of swimming applied to pregnant rats born small for pregnant age. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017, 89, 223-230.	0.8	9
66	Congenital Anomalies Programmed by Maternal Diabetes and Obesity on Offspring of Rats. <i>Frontiers in Physiology</i> , 2021, 12, 701767.	2.8	9
67	Medicinal Plants for Diabetes Treatment During Pregnancy. <i>Current Medicinal Chemistry</i> , 2017, 24, 404-410.	2.4	9
68	Oxidative Stress Profile of Mothers and Their Offspring after Maternal Consumption of High-Fat Diet in Rodents: A Systematic Review and Meta-Analysis. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-18.	4.0	9
69	Maternal-fetal outcomes of exercise applied in rats with mild hyperglycemia after embryonic implantation. <i>Birth Defects Research</i> , 2021, 113, 287-298.	1.5	8
70	Maternal Diabetes and Postnatal High-Fat Diet on Pregnant Offspring. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	3.7	8
71	Association of diabetes and cigarette smoke exposure on the glycemia and liver glycogen of pregnant Wistar rats. <i>Acta Cirurgica Brasileira</i> , 2008, 23, 481-485.	0.7	7
72	Oxidative Stress in Maternal Blood and Placenta From Mild Diabetic Rats. <i>Reproductive Sciences</i> , 2014, 21, 973-977.	2.5	7

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73	Effect of <i>Himatanthus sucuuba</i> in Maternal Reproductive Outcome and Fetal Anomaly Frequency in Rats. Birth Defects Research Part B: Developmental and Reproductive Toxicology, 2015, 104, 190-195.	1.4	7
74	Swimming Program on Mildly Diabetic Rats in Pregnancy. Reproductive Sciences, 2021, 28, 2223-2235.	2.5	7
75	Reproductive physiology, and physical and sexual development of female offspring born to diabetic dams. Arquivos Brasileiros De Endocrinologia E Metabologia, 2012, 56, 96-103.	1.3	6
76	Evaluation of Maternal Reproductive Outcomes and Biochemical Analysis from Wistar Audiogenic Rats (WAR) and Repercussions in Their Offspring. Reproductive Sciences, 2020, 27, 2223-2231.	2.5	6
77	A treatment with a boiled aqueous extract of <i>Hancornia speciosa</i> Gomes leaves improves the metabolic status of streptozotocin-induced diabetic rats. BMC Complementary Medicine and Therapies, 2020, 20, 114.	2.7	6
78	Toxicological effects of the <i>Morinda citrifolia</i> L. fruit extract on maternal reproduction and fetal development in rats. Drug and Chemical Toxicology, 2022, , 1-7.	2.3	6
79	Evaluation of placental glycogen storage in mild diabetic rats. Acta Cirurgica Brasileira, 2010, 25, 132-136.	0.7	5
80	Contamination index. A novel parameter for metal and pesticide analyses in maternal blood and umbilical cord. Acta Cirurgica Brasileira, 2016, 31, 490-497.	0.7	5
81	Oxidative stress biomarkers in newborn calves: Comparison among artificial insemination, in vitro fertilization and cloning. Animal Reproduction Science, 2020, 219, 106538.	1.5	5
82	Phytochemical and antidiabetic analysis of <i>Curatella americana</i> L. aqueous extract on the rat pregnancy. Journal of Ethnopharmacology, 2022, 293, 115287.	4.1	5
83	Effect of percutaneous transthoracic lung biopsy on oxidative metabolism in sheep. Journal of the South African Veterinary Association, 2012, 83, 14.	0.6	4
84	Physiological and biochemical measurements before, during and after pregnancy of healthy rats. Acta Cirurgica Brasileira, 2015, 30, 668-674.	0.7	4
85	Impact of different exercise intensities on pregnant rats and on their offspring. Anais Da Academia Brasileira De Ciencias, 2020, 92, e20191572.	0.8	4
86	Gene expression profile of whole blood cells differs in pregnant women with positive screening and negative diagnosis for gestational diabetes. BMJ Open Diabetes Research and Care, 2016, 4, e000273.	2.8	3
87	Evaluation of anaerobic threshold in non-pregnant and pregnant rats. Anais Da Academia Brasileira De Ciencias, 2017, 89, 2749-2756.	0.8	3
88	Maternal reproductive performance and fetal development of the Wistar Audiogenic Rat (WAR) strain. Systems Biology in Reproductive Medicine, 2019, 65, 87-94.	2.1	3
89	Influence of Swimming Program on the Blood Pressure of Pregnant Hypertensive Rats and Their Fetuses. Reproductive Sciences, 2021, 28, 3440-3447.	2.5	3
90	Intergenerational high-fat diet impairs ovarian follicular development in rodents: a systematic review and meta-analysis. Nutrition Reviews, 2022, 80, 889-903.	5.8	3

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91	<b>Diabetes and Pregnancy: an Update of the Problem</b>. Annual Review of Biomedical Sciences, 2007, 9, .	0.5	3
92	Effect of indomethacin on the pregnant rat. Brazilian Archives of Biology and Technology, 2008, 51, 75-81.	0.5	2
93	Esophagectomy and substitution of the thoracic esophagus in dogs. Acta Cirurgica Brasileira, 2009, 24, 353-361.	0.7	2
94	Evaluation of cell proliferation and apoptosis in placentas of rats with severe diabetes. Brazilian Archives of Biology and Technology, 2012, 55, 243-250.	0.5	2
95	DNA damage in Wistar Kyoto rats exercised during pregnancy. Acta Cirurgica Brasileira, 2017, 32, 388-395.	0.7	2
96	Streptozotocin-induced leukocyte DNA damage in rats. Drug and Chemical Toxicology, 2020, 43, 165-168.	2.3	2
97	Effect of oral supplementation of the linoleic and gammalinolenic acids on the diabetic pregnant rats. Brazilian Archives of Biology and Technology, 2012, 55, 695-703.	0.5	1
98	Neonatally induced diabetes: liver glycogen storage in pregnant rats. Brazilian Archives of Biology and Technology, 2012, 55, 251-256.	0.5	1
99	Mixture of vitamin C, hesperidin and piperidol exposure in pregnancy: maternal-fetal repercussions. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2006, 42, 77-82.	0.5	1
100	Neonatal induced mild diabetes: influence on rat development and behavioral activity. FASEB Journal, 2009, 23, 962.7.	0.5	1
101	Exposure to maternal hyperglycemia and high-fat diet consumption after weaning in rats: repercussions on periovarian adipose tissue. Journal of Developmental Origins of Health and Disease, 2021, , 1-8.	1.4	0