

Gustavo Tadeu Volpato

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

1,211
citations

331670

21
h-index

454955

30
g-index

74
all docs

74
docs citations

74
times ranked

1315
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	Effect of <i>Morus nigra</i> aqueous extract treatment on the maternal-fetal outcome, oxidative stress status and lipid profile of streptozotocin-induced diabetic rats. <i>Journal of Ethnopharmacology</i> , 2011, 138, 691-696.	4.1	72
3	Effect of <i>Bauhinia forficata</i> extract in diabetic pregnant rats: maternal repercussions. <i>Phytomedicine</i> , 2004, 11, 196-201.	5.3	58
4	Effect of <i>Bauhinia forficata</i> aqueous extract on the maternal-fetal outcome and oxidative stress biomarkers of streptozotocin-induced diabetic rats. <i>Journal of Ethnopharmacology</i> , 2008, 116, 131-137.	4.1	57
5	New insights into the immunopathology of early <i>Toxocara canis</i> infection in mice. <i>Parasites and Vectors</i> , 2015, 8, 354.	2.5	41
6	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
7	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
8	Effects of <i>Annona squamosa</i> extract on early pregnancy in rats. <i>Phytomedicine</i> , 2002, 9, 667-672.	5.3	29
9	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
10	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
11	Levels of selected persistent organic pollutants in blood from delivering women in seven selected areas of São Paulo State, Brazil. <i>Environment International</i> , 2012, 40, 162-169.	10.0	26
12	Extracellular HSP70 levels in diabetic environment in rats. <i>Cell Stress and Chaperones</i> , 2015, 20, 595-603.	2.9	26
13	Effect of obesity on rat reproduction and on the development of their adult offspring. <i>Brazilian Journal of Medical and Biological Research</i> , 2008, 41, 122-125.	1.5	25
14	Effect of exercise on the reproductive outcome and fetal development of diabetic rats. <i>Reproductive BioMedicine Online</i> , 2009, 19, 852-858.	2.4	25
15	Increased O-Linked N-Acetylglucosamine Modification of NF- κ B and Augmented Cytokine Production in the Placentas from Hyperglycemic Rats. <i>Inflammation</i> , 2017, 40, 1773-1781.	3.8	25
16	Adverse effects of <i>Croton urucurana</i> B. exposure during rat pregnancy. <i>Journal of Ethnopharmacology</i> , 2017, 199, 328-333.	4.1	25
17	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
18	Maternal-Fetal Outcome, Lipid Profile and Oxidative Stress of Diabetic Rats Neonatally Exposed to Streptozotocin. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2011, 119, 408-413.	1.2	24

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19	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
20	Effects of exposure to cigarette smoke prior to pregnancy in diabetic rats. <i>Diabetology and Metabolic Syndrome</i> , 2011, 3, 20.	2.7	22
21	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
22	Azadirachta indica treatment on the congenital malformations of fetuses from rats. <i>Journal of Ethnopharmacology</i> , 2013, 150, 1109-1113.	4.1	21
23	Pancreatic islet response to diabetes during pregnancy in rats. <i>Life Sciences</i> , 2018, 214, 1-10.	4.3	21
24	Effect of essential oil from Citrus aurantium 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
25	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
26	Avaliaçãõ do efeito do exercício físio no metabolismo de ratas diabélicas prenhes. <i>Revista Brasileira De Medicina Do Esporte</i> , 2006, 12, 229-233.	0.2	17
27	Effect of Bauhinia holophylla treatment in Streptozotocin-induced diabetic rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017, 89, 263-272.	0.8	17
28	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
29	Genotoxicity and Fetal Abnormality in Streptozotocin-Induced Diabetic Rats Exposed to Cigarette Smoke Prior to and During Pregnancy. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2011, 119, 549-553.	1.2	16
30	O-linked N-acetyl-glucosamine deposition in placental proteins varies according to maternal glycemic levels. <i>Life Sciences</i> , 2018, 205, 18-25.	4.3	15
31	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
32	O-GlcNAc Modification During Pregnancy: Focus on Placental Environment. <i>Frontiers in Physiology</i> , 2018, 9, 1263.	2.8	14
33	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
34	Toxic and essential elements in blood from delivering women in selected areas of São Paulo State, Brazil. <i>Journal of Environmental Monitoring</i> , 2011, 13, 563-571.	2.1	13
35	Maternal-fetal repercussions of Phyllanthus niruri L. treatment during rat pregnancy. <i>Journal of Ethnopharmacology</i> , 2020, 254, 112728.	4.1	12
36	Sibutramine Effects on the Reproductive Performance of Pregnant Overweight and Non-Overweight rats. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2010, 73, 985-990.	2.3	11

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37	Repercussions of low fructose-drinking water in male rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, e20170705.	0.8	11
38	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
39	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
40	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
41	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
42	The effects of coconut oil supplementation on the body composition and lipid profile of rats submitted to physical exercise. <i>Anais Da Academia Brasileira De Ciencias</i> , 2016, 88, 933-940.	0.8	9
43	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
44	Congenital Anomalies Programmed by Maternal Diabetes and Obesity on Offspring of Rats. <i>Frontiers in Physiology</i> , 2021, 12, 701767.	2.8	9
45	Medicinal Plants for Diabetes Treatment During Pregnancy. <i>Current Medicinal Chemistry</i> , 2017, 24, 404-410.	2.4	9
46	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
47	Intrauterine Growth Restricted Rats Exercised at Pregnancy: Maternal "Fetal Repercussions. <i>Reproductive Sciences</i> , 2015, 22, 991-999.	2.5	8
48	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
49	Maternal Diabetes and Postnatal High-Fat Diet on Pregnant Offspring. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	3.7	8
50	Effect of <i>Himatanthus sucuuba</i> in Maternal Reproductive Outcome and Fetal Anomaly Frequency in Rats. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2015, 104, 190-195.	1.4	7
51	Intrauterine Growth Restricted Rats Exercised before and during Pregnancy: Maternal and Perinatal Repercussions. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-10.	1.2	7
52	Swimming Program on Mildly Diabetic Rats in Pregnancy. <i>Reproductive Sciences</i> , 2021, 28, 2223-2235.	2.5	7
53	Safety evaluation of a vaccine: Effect in maternal reproductive outcome and fetal anomaly frequency in rats using a leishmanial vaccine as a model. <i>PLoS ONE</i> , 2017, 12, e0172525.	2.5	6
54	Small-for-pregnancy-age rats submitted to exercise: DNA damage in mothers and newborns, measured by the comet assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2018, 835, 11-15.	1.7	6

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55	Evaluation of Maternal Reproductive Outcomes and Biochemical Analysis from Wistar Audiogenic Rats (WAR) and Repercussions in Their Offspring. <i>Reproductive Sciences</i> , 2020, 27, 2223-2231.	2.5	6
56	A treatment with a boiled aqueous extract of <i>Hancornia speciosa</i> Gomes leaves improves the metabolic status of streptozotocin-induced diabetic rats. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 114.	2.7	6
57	Toxicological effects of the <i>Morinda citrifolia</i> L. fruit extract on maternal reproduction and fetal development in rats. <i>Drug and Chemical Toxicology</i> , 2022, , 1-7.	2.3	6
58	Contamination index. A novel parameter for metal and pesticide analyses in maternal blood and umbilical cord. <i>Acta Cirurgica Brasileira</i> , 2016, 31, 490-497.	0.7	5
59	Phytochemical and antidiabetic analysis of <i>Curatella americana</i> L. aqueous extract on the rat pregnancy. <i>Journal of Ethnopharmacology</i> , 2022, 293, 115287.	4.1	5
60	Physiological and biochemical measurements before, during and after pregnancy of healthy rats. <i>Acta Cirurgica Brasileira</i> , 2015, 30, 668-674.	0.7	4
61	Impact of different exercise intensities on pregnant rats and on their offspring. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20191572.	0.8	4
62	Evaluation of anaerobic threshold in non-pregnant and pregnant rats. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017, 89, 2749-2756.	0.8	3
63	Influence of Swimming Program on the Blood Pressure of Pregnant Hypertensive Rats and Their Fetuses. <i>Reproductive Sciences</i> , 2021, 28, 3440-3447.	2.5	3
64	Intergenerational high-fat diet impairs ovarian follicular development in rodents: a systematic review and meta-analysis. <i>Nutrition Reviews</i> , 2022, 80, 889-903.	5.8	3
65	The Treatment of Prednisone in Mild Diabetic Rats: Biochemical Parameters and Cell Response. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020, 20, 797-805.	1.2	3
66	Effect of indomethacin on the pregnant rat. <i>Brazilian Archives of Biology and Technology</i> , 2008, 51, 75-81.	0.5	2
67	Streptozotocin-induced leukocyte DNA damage in rats. <i>Drug and Chemical Toxicology</i> , 2020, 43, 165-168.	2.3	2
68	Maternal and Fetal-Placental Effects of Etanercept Treatment During Rats' Pregnancy. <i>Frontiers in Physiology</i> , 2021, 12, 787369.	2.8	2
69	Effect of oral supplementation of the linoleic and gamma-linolenic acids on the diabetic pregnant rats. <i>Brazilian Archives of Biology and Technology</i> , 2012, 55, 695-703.	0.5	1
70	Mixture of vitamin C, hesperidin and piperidol exposure in pregnancy: maternal-fetal repercussions. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2006, 42, 77-82.	0.5	1
71	May Sibutramine Treatment Causes Visceral Anomalies in the Progeny of Overweight and Nonoverweight Female Rats?. <i>Biology of Reproduction</i> , 2011, 85, 796-796.	2.7	0
72	Exposure to maternal hyperglycemia and high-fat diet consumption after weaning in rats: repercussions on periovarian adipose tissue. <i>Journal of Developmental Origins of Health and Disease</i> , 2021, , 1-8.	1.4	0