

# Robert D Roghair

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2548501/publications.pdf>

Version: 2024-02-01

51  
papers

906  
citations

430442

18  
h-index

500791

28  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1073  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neonatal Macrosomia Is an Independent Risk Factor for Adult Metabolic Syndrome. <i>Neonatology</i> , 2010, 98, 238-244.	0.9	100
2	Vascular nitric oxide and superoxide anion contribute to sex-specific programmed cardiovascular physiology in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 296, R651-R662.	0.9	47
3	Challenges and opportunities in developmental integrative physiology. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2015, 184, 113-124.	0.8	47
4	Programming of growth, insulin resistance and vascular dysfunction in offspring of late gestation diabetic rats. <i>Clinical Science</i> , 2009, 117, 129-138.	1.8	39
5	Sex-specific programming of hypertension in offspring of late-gestation diabetic rats. <i>Pediatric Research</i> , 2012, 72, 352-361.	1.1	39
6	Newborn lamb coronary artery reactivity is programmed by early gestation dexamethasone before the onset of systemic hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 289, R1169-R1176.	0.9	38
7	Early gestation dexamethasone alters baroreflex and vascular responses in newborn lambs before hypertension. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R481-R488.	0.9	38
8	Early gestation dexamethasone programs enhanced postnatal ovine coronary artery vascular reactivity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 288, R46-R53.	0.9	36
9	Neonatal Catch Up Growth Increases Diabetes Susceptibility But Improves Behavioral and Cardiovascular Outcomes of Low Birth Weight Male Mice. <i>Pediatric Research</i> , 2009, 66, 53-58.	1.1	35
10	Maternal antioxidant blocks programmed cardiovascular and behavioural stress responses in adult mice. <i>Clinical Science</i> , 2011, 121, 427-436.	1.8	26
11	Growth restriction, leptin, and the programming of adult behavior in mice. <i>Behavioural Brain Research</i> , 2014, 275, 131-135.	1.2	25
12	Sertraline exposure leads to small left heart syndrome in adult mice. <i>Pediatric Research</i> , 2013, 73, 286-293.	1.1	24
13	Endothelial Superoxide Production Is Altered in Sheep Programmed by Early Gestation Dexamethasone Exposure. <i>Neonatology</i> , 2008, 93, 19-27.	0.9	22
14	Neonatal Leptin Administration Alters Regional Brain Volumes and Blocks Neonatal Growth Restriction-Induced Behavioral and Cardiovascular Dysfunction in Male Mice. <i>Pediatric Research</i> , 2011, 69, 406-412.	1.1	21
15	Perinatal Outcomes of Pregnancies Complicated by Maternal Depression with or without Selective Serotonin Reuptake Inhibitor Therapy. <i>Neonatology</i> , 2014, 105, 149-154.	0.9	21
16	Late-gestation betamethasone enhances coronary artery responsiveness to angiotensin II in fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004, 286, R80-R88.	0.9	20
17	Genotype-specific alterations in vascular smooth muscle cell function in cystic fibrosis piglets. <i>Journal of Cystic Fibrosis</i> , 2014, 13, 251-259.	0.3	20
18	Modeling the impact of growth and leptin deficits on the neuronal regulation of blood pressure. <i>Journal of Endocrinology</i> , 2016, 231, R47-R60.	1.2	20

#	ARTICLE	IF	CITATIONS
19	Origins of neonatal leptin deficiency in preterm infants. <i>Pediatric Research</i> , 2019, 85, 1016-1023.	1.1	20
20	Perinatal SSRI exposure permanently alters cerebral serotonin receptor mRNA in mice but does not impact adult behaviors. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2018, 31, 1393-1401.	0.7	19
21	Risk of hypertension following perinatal adversity: IUGR and prematurity. <i>Journal of Endocrinology</i> , 2019, 242, T21-T32.	1.2	19
22	Naturally Occurring Perinatal Growth Restriction in Mice Programs Cardiovascular and Endocrine Function in a Sex- and Strain-Dependent Manner. <i>Pediatric Research</i> , 2007, 62, 399-404.	1.1	18
23	Murine aortic reactivity is programmed equally by maternal low protein diet or late gestation dexamethasone. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2007, 20, 833-841.	0.7	18
24	Fetal programming alters reactive oxygen species production in sheep cardiac mitochondria. <i>Clinical Science</i> , 2009, 116, 659-668.	1.8	16
25	Hormone levels in preterm and donor human milk before and after Holder pasteurization. <i>Pediatric Research</i> , 2020, 88, 612-617.	1.1	16
26	Association Between Increased Seizures During Rewarming After Hypothermia for Neonatal Hypoxic Ischemic Encephalopathy and Abnormal Neurodevelopmental Outcomes at 2-Year Follow-up. <i>JAMA Neurology</i> , 2021, 78, 1484.	4.5	15
27	Microbiota-governed microRNA-204 impairs endothelial function and blood pressure decline during inactivity in db/db mice. <i>Scientific Reports</i> , 2020, 10, 10065.	1.6	14
28	Breast Milk for Term and Preterm Infants—Own Mother's Milk or Donor Milk?. <i>Nutrients</i> , 2021, 13, 424.	1.7	13
29	Neonatal SSRI Exposure Programs a Hypermetabolic State in Adult Mice. <i>Journal of Nutrition and Metabolism</i> , 2012, 2012, 1-8.	0.7	12
30	Neonatal leptin deficiency reduces frontal cortex volumes and programs adult hyperactivity in mice. <i>Behavioural Brain Research</i> , 2014, 263, 115-121.	1.2	12
31	Cardiac Outcomes After Perinatal Sertraline Exposure in Mice. <i>Journal of Cardiovascular Pharmacology</i> , 2017, 70, 119-127.	0.8	12
32	Limitations of Conventional Magnetic Resonance Imaging as a Predictor of Death or Disability Following Neonatal Hypoxic-Ischemic Encephalopathy in the Late Hypothermia Trial. <i>Journal of Pediatrics</i> , 2021, 230, 106-111.e6.	0.9	12
33	Coronary Constriction to Angiotensin II Is Enhanced by Endothelial Superoxide Production in Sheep Programmed by Dexamethasone. <i>Pediatric Research</i> , 2008, 63, 370-374.	1.1	10
34	Pituitary Glycoprotein Hormones in Human Milk before and after Pasteurization or Refrigeration. <i>Nutrients</i> , 2020, 12, 687.	1.7	10
35	Cardiorespiratory management of infants born at 22 weeks gestation: The Iowa approach. <i>Seminars in Perinatology</i> , 2022, 46, 151545.	1.1	9
36	Reduced Blood Pressure of CFTR-F508del Carriers Correlates with Diminished Arterial Reactivity Rather than Circulating Blood Volume in Mice. <i>PLoS ONE</i> , 2014, 9, e96756.	1.1	8

#	ARTICLE	IF	CITATIONS
37	Coronary endothelial function and vascular smooth muscle proliferation are programmed by early-gestation dexamethasone exposure in sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 298, R1607-R1614.	0.9	6
38	A Prospective Study Evaluating the Effects of SSRI Exposure on Cardiac Size and Function in Newborns. <i>Neonatology</i> , 2019, 115, 320-327.	0.9	6
39	Neonatal growth restriction-related leptin deficiency enhances leptin-triggered sympathetic activation and central angiotensin II receptor-dependent stress-evoked hypertension. <i>Pediatric Research</i> , 2016, 80, 244-251.	1.1	5
40	Oral oestrogen reverses ovariectomy-induced morning surge hypertension in growth-restricted mice. <i>Clinical Science</i> , 2016, 130, 613-623.	1.8	5
41	Impact of maternal dexamethasone on coronary PGE2 production and prostaglandin-dependent coronary reactivity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 303, R513-R519.	0.9	4
42	Impact of Neonatal Sertraline Exposure on the Post-Myocardial Infarction Outcomes of Adult Male Mice. <i>Journal of Cardiovascular Pharmacology</i> , 2013, 62, 479-484.	0.8	3
43	Neonatal Growth Restriction Slows Cardiomyocyte Development and Reduces Adult Heart Size. <i>Anatomical Record</i> , 2018, 301, 1398-1404.	0.8	3
44	Umbilical Cord Blood Leptin and IL-6 in the Presence of Maternal Diabetes or Chorioamnionitis. <i>Frontiers in Endocrinology</i> , 2022, 13, 836541.	1.5	3
45	Maternal Low Protein Diet and Fetal Glucocorticoid Exposure Program Adult Murine Cardiovascular and Endocrine Status. <i>FASEB Journal</i> , 2008, 22, 947.10.	0.2	0
46	Small left heart syndrome and post-coronary artery ligation outcomes in mice. <i>FASEB Journal</i> , 2012, 26, 1054.7.	0.2	0
47	Neonatal growth restriction enhances central leptin sensitivity in adult mice. <i>FASEB Journal</i> , 2012, 26, 1128.2.	0.2	0
48	Constraining effects the CFTR $\Delta$ F508 mutation on myocyte calcium release, aortic tone and arterial blood pressure. <i>FASEB Journal</i> , 2013, 27, 1187.11.	0.2	0
49	Blood pressure lowering effects of the CFTR $\Delta$ F508del mutation are associated with reduced arterial reactivity rather than circulating blood volume (700.1). <i>FASEB Journal</i> , 2014, 28, 700.1.	0.2	0
50	Abstract 20343: Leptin and the Developmental Origins of Hypertension. <i>Circulation</i> , 2014, 130, .	1.6	0
51	Neonatal Growth Restriction Heightens Leptin-Evoked Arterial Blood Pressure and Renal Sympathetic Nerve Responses in Adult Mice. <i>FASEB Journal</i> , 2015, 29, 655.5.	0.2	0