Stephen G Matthews

List of Publications by Year
in descending order

173	11,395	25034	31849
papers	citations	57	101
		h-index	g-index

178	178	178	10336
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Growing Dilemma: Antenatal Corticosteroids and Long-Term Consequences. American Journal of Perinatology, 2022, 39, 592-600.	1.4	10
2	DNA methylation signatures in human neonatal blood following maternal antenatal corticosteroid treatment. Translational Psychiatry, 2022, 12, 132.	4.8	3
3	Maternal prenatal psychological distress and vitamin intake with childrenâ€™s neurocognitive development. Pediatric Research, 2022, , .	2.3	0
4	Fetal glucocorticoid exposure leads to sexâ€specific changes in drugâ€transporter function at the bloodâ€brain barrier in juvenile guinea pigs. FASEB Journal, 2022, 36, e22245.	0.5	4
5	Evaluating depression and anxiety throughout pregnancy and after birth: impact of the COVID-19 pandemic. American Journal of Obstetrics & Gynecology MFM, 2022, 4, 100605.	2.6	17
6	Defining the role of the hypothalamic-pituitary-adrenal axis in the relationship between fetal growth and adult cardiometabolic outcomes. Journal of Developmental Origins of Health and Disease, 2022, 13, 683-694.	1.4	0
7	DNA methylation profiles in the blood of newborn term infants born to mothers with obesity. PLoS ONE, 2022, 17, e0267946.	2.5	11
8	ATP-binding cassette (ABC) drug transporters in the developing bloodâ€“brain barrier: role in fetal brain protection. Cellular and Molecular Life Sciences, 2022, 79, .	5.4	16
9	Unheard, unseen and unprotected: DOHaD councilâ€™s call for action to protect the younger generation from the long-term effects of COVID-19. Journal of Developmental Origins of Health and Disease, 2021, 12, 3-5.	1.4	13
10	Expression of severe acute respiratory syndrome coronavirus 2 cell entry genes, angiotensin-converting enzyme 2 and transmembrane protease serine 2, in the placenta across gestation and at the maternal-fetal interface in pregnancies complicated by preterm birth or preeclampsia. American Journal of Obstetrics and Gynecology, 2021, 224, 298.e1-298.e8.	1.3	73
11	Function of Multidrug Resistance Transporters is Disrupted by Infection Mimics in Human Brain Endothelial Cells. Tissue Barriers, 2021, 9, 1860616.	3.2	14
12	DNA methylome signatures of prenatal exposure to synthetic glucocorticoids in hippocampus and peripheral whole blood of female guinea pigs in early life. Translational Psychiatry, 2021, 11, 63.	4.8	5
13	A Life Course Approach to the Relationship Between Fetal Growth and Hypothalamic-Pituitary-Adrenal Axis Function. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 2646-2659.	3.6	1
14	ACE2 Is Expressed in Immune Cells That Infiltrate the Placenta in Infection-Associated Preterm Birth. Cells, 2021, 10, 1724.	4.1	18
15	Altered Umbilical Cord Blood Nutrient Levels, Placental Cell Turnover and Transporter Expression in Human Term Pregnancies Conceived by Intracytoplasmic Sperm Injection (ICSI). Nutrients, 2021, 13, 2587.	4.1	5
16	Effect of Sublethal Prenatal Endotoxaemia on Murine Placental Transport Systems and Lipid Homeostasis. Frontiers in Microbiology, 2021, 12, 706499.	3.5	8
17	Hypoxia alters the expression of ACE2 and TMPRSS2 SARS-CoV-2 cell entry mediators in hCMEC/D3 brain endothelial cells. Microvascular Research, 2021, 138, 104232.	2.5	19
18	Maternal malnutrition impacts placental morphology and transporter expression: an origin for poor offspring growth. Journal of Nutritional Biochemistry, 2020, 78, 108329.	4.2	34

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19	Differential Role of Smad2 and Smad3 in the Acquisition of an Endovascular Trophoblast-Like Phenotype and Preeclampsia. Frontiers in Endocrinology, 2020, 11, 436.	3.5	16
20	Malaria in pregnancy regulates Pâ€glycoprotein (Pâ€gp/Abcb1a) and ABCA1 efflux transporters in the Mouse Visceral Yolk Sac. Journal of Cellular and Molecular Medicine, 2020, 24, 10636-10647.	3.6	17
21	Association between maternal cannabis use and birth outcomes: an observational study. BMC Pregnancy and Childbirth, 2020, 20, 771.	2.4	19
22	Using Precision Medicine with a Neurodevelopmental Perspective to Study Inflammation and Depression. Current Psychiatry Reports, 2020, 22, 87.	4.5	0
23	Seasonality of plasma tryptophan and kynurenine in pregnant mothers with a history of seasonal affective disorder: Vulnerability or adaptation?. World Journal of Biological Psychiatry, 2020, 21, 529-538.	2.6	7
24	Parental adversity: Impact across generations. Neuroscience and Biobehavioral Reviews, 2020, 117, 279-280.	6.1	1
25	Impact of ex vivo Sample Handling on DNA Methylation Profiles in Human Cord Blood and Neonatal Dried Blood Spots. Frontiers in Genetics, 2020, 11, 224.	2.3	7
26	Breast Cancer Resistance Protein (BCRP/ABCG2) Inhibits Extra Villous Trophoblast Migration: The Impact of Bacterial and Viral Infection. Cells, 2019, 8, 1150.	4.1	23
27	Multidrug Resistance P-Glycoprotein (P-gp), Glucocorticoids, and the Stress Response. , 2019, , 227-241.		3
28	Extraversion modulates cortisol responses to acute social stress in chronic major depression. Psychoneuroendocrinology, 2019, 103, 316-323.	2.7	5
29	Antenatal Glucocorticoid Exposure Results in Sex-Specific and Transgenerational Changes in Prefrontal Cortex Gene Transcription that Relate to Behavioural Outcomes. Scientific Reports, 2019, 9, 764.	3.3	26
30	Genome-wide epigenetic signatures of childhood adversity in early life: Opportunities and challenges. Journal of Developmental Origins of Health and Disease, 2019, 10, 65-72.	1.4	8
31	Prenatal Glucocorticoid Exposure Results in Changes in Gene Transcription and DNA Methylation in the Female Juvenile Guinea Pig Hippocampus Across Three Generations. Scientific Reports, 2019, 9, 18211.	3.3	21
32	Prenatal programming of stress responsiveness and behaviours: Progress and perspectives. Journal of Neuroendocrinology, 2019, 31, e12674.	2.6	37
33	Gestational ageâ€dependent gene expression profiling of <scp>ATP</scp>â€binding cassette transporters in the healthy human placenta. Journal of Cellular and Molecular Medicine, 2019, 23, 610-618.	3.6	30
34	Developmental programming of the HPA axis and related behaviours: epigenetic mechanisms. Journal of Endocrinology, 2019, 242, T69-T79.	2.6	52
35	Antenatal Corticosteroid Exposure Disrupts Myelination in the Auditory Nerve of Preterm Sheep. Neonatology, 2018, 114, 62-68.	2.0	3
36	The DNA methylation landscape of enhancers in the guinea pig hippocampus. Epigenomics, 2018, 10, 349-365.	2.1	4

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37	Guinea pig models for translation of the developmental origins of health and disease hypothesis into the clinic. Journal of Physiology, 2018, 596, 5535-5569.	2.9	105
38	Prenatal Stress, Glucocorticoids, and Developmental Programming of the Stress Response. Endocrinology, 2018, 159, 69-82.	2.8	156
39	Glucocorticoids modulate multidrug resistance transporters in the first trimester human placenta. Journal of Cellular and Molecular Medicine, 2018, 22, 3652-3660.	3.6	31
40	A Single Course of Synthetic Glucocorticoids in Pregnant Guinea Pigs Programs Behavior and Stress Response in Two Generations of Offspring. Endocrinology, 2018, 159, 4065-4076.	2.8	7
41	Pâ€Glycoprotein (Pâ€gp)/<scp>ABCB</scp>1 plays a functional role in extravillous trophoblast (<scp>EVT</scp>) invasion and is decreased in the preâ€eclamptic placenta. Journal of Cellular and Molecular Medicine, 2018, 22, 5378-5393.	3.6	40
42	The Ontario Birth Study: A prospective pregnancy cohort study integrating perinatal research into clinical care. Paediatric and Perinatal Epidemiology, 2018, 32, 290-301.	1.7	20
43	Acute Effects of Viral Exposure on P-Glycoprotein Function in the Mouse Fetal Blood-Brain Barrier. Cellular Physiology and Biochemistry, 2017, 41, 1044-1050.	1.6	34
44	Prenatal Glucocorticoid Exposure Modifies Endocrine Function and Behaviour for 3 Generations Following Maternal and Paternal Transmission. Scientific Reports, 2017, 7, 11814.	3.3	96
45	Nurturing care: promoting early childhood development. Lancet, The, 2017, 389, 91-102.	13.7	1,014
46	Automated tracking to measure behavioural changes in pigs for health and welfare monitoring. Scientific Reports, 2017, 7, 17582.	3.3	101
47	Early detection of health and welfare compromises through automated detection of behavioural changes in pigs. Veterinary Journal, 2016, 217, 43-51.	1.7	172
48	Reply to Commentary Letter by Dr. Melvin Khee Shing Leow. Journal of Steroid Biochemistry and Molecular Biology, 2016, 163, 213.	2.5	0
49	Astrocyte-mediated regulation of multidrug resistance<scp>P</scp>-glycoprotein in fetal and neonatal brain endothelial cells: age-dependent effects. Physiological Reports, 2016, 4, e12853.	1.7	15
50	P-glycoprotein expression and localization in the rat uterus throughout gestation and labor. Reproduction, 2016, 152, 195-204.	2.6	5
51	Glucocorticoids modify effects of TGF-Î²1 on multidrug resistance in the fetal blood-brain barrier. Growth Factors, 2016, 34, 33-41.	1.7	8
52	Hypothalamic-pituitary-adrenal axis activity under resting conditions and cardiovascular risk factors in adolescents. Psychoneuroendocrinology, 2016, 66, 118-124.	2.7	16
53	Characterization and novel analyses of acute stress response patterns in a population-based cohort of young adults: influence of gender, smoking, and BMI. Stress, 2016, 19, 139-150.	1.8	38
54	Programming of stress pathways: A transgenerational perspective. Journal of Steroid Biochemistry and Molecular Biology, 2016, 160, 175-180.	2.5	67

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55	The interplay of birth weight, dopamine receptor D4 gene (DRD4), and early maternal care in the prediction of disorganized attachment at 36 months of age. Development and Psychopathology, 2015, 27, 1145-1161.	2.3	28
56	Impact of Bacterial and Viral Challenge on Multidrug Resistance in First- and Third-Trimester Human Placenta. American Journal of Pathology, 2015, 185, 1666-1675.	3.8	64
57	The ontogeny of P-glycoprotein in the developing human bloodâ€“brain barrier: implication for opioid toxicity in neonates. Pediatric Research, 2015, 78, 417-421.	2.3	73
58	High reactivity of the cortisol awakening response predicts positive treatment outcome in heterogeneous depressed patients completing an alternate milieu inpatient program. General Hospital Psychiatry, 2015, 37, 601-605.	2.4	10
59	Investigation of Genetic Variants, Birthweight and Hypothalamic-Pituitary-Adrenal Axis Function Suggests a Genetic Variant in the SERPINA6 Gene Is Associated with Corticosteroid Binding Globulin in the Western Australia Pregnancy Cohort (Raine) Study. PLoS ONE, 2014, 9, e92957.	2.5	9
60	The Multidrug Resistance 1 Gene Abcb1 in Brain and Placenta: Comparative Analysis in Human and Guinea Pig. PLoS ONE, 2014, 9, e111135.	2.5	20
61	Synthetic Glucocorticoid Reduces Human Placental System A Transport in Women Treated With Antenatal Therapy. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2226-E2233.	3.6	26
62	Genome Wide Association Identifies Common Variants at the SERPINA6/SERPINA1 Locus Influencing Plasma Cortisol and Corticosteroid Binding Globulin. PLoS Genetics, 2014, 10, e1004474.	3.5	105
63	More Evidence That Unnecessary Antenatal Treatments Cause Harmâ€“Reply. JAMA Pediatrics, 2014, 168, 389.	6.2	0
64	Association between gestational age at birth, antenatal corticosteroids, and outcomes at 5Âyears: multiple courses of antenatal corticosteroids for preterm birth study at 5Âyears of age (MACS-5). BMC Pregnancy and Childbirth, 2014, 14, 272.	2.4	64
65	Association between the seven-repeat allele of the dopamine-4 receptor gene (DRD4) and spontaneous food intake in pre-school children. Appetite, 2014, 73, 15-22.	3.7	30
66	TGF-Î²1 Regulation of Multidrug Resistance P-glycoprotein in the Developing Male Blood-Brain Barrier. Endocrinology, 2014, 155, 475-484.	2.8	31
67	Low maternal sensitivity at 6 months of age predicts higher BMI in 48 month old girls but not boys. Appetite, 2014, 82, 97-102.	3.7	24
68	Glucocorticoids and fetal programming part 2: mechanisms. Nature Reviews Endocrinology, 2014, 10, 403-411.	9.6	334
69	Glucocorticoids and fetal programming part 1: outcomes. Nature Reviews Endocrinology, 2014, 10, 391-402.	9.6	441
70	Adult Glucocorticoid Exposure Leads to Transcriptional and DNA Methylation Changes in Nuclear Steroid Receptors in the Hippocampus and Kidney of Mouse Male Offspring1. Biology of Reproduction, 2014, 90, 43.	2.7	58
71	The Maternal Adversity, Vulnerability and Neurodevelopment Project: Theory and Methodology. Canadian Journal of Psychiatry, 2014, 59, 497-508.	1.9	76
72	Effects of Antenatal Synthetic Glucocorticoid on Glucocorticoid Receptor Binding, DNA Methylation, and Genome-Wide mRNA Levels in the Fetal Male Hippocampus. Endocrinology, 2013, 154, 4170-4181.	2.8	62

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73	Glucocorticoid Programming of the Fetal Male Hippocampal Epigenome. Endocrinology, 2013, 154, 1168-1180.	2.8	83
74	Multiple Courses of Antenatal Corticosteroids for Preterm Birth Study. JAMA Pediatrics, 2013, 167, 1102-10.	6.2	99
75	Effects of Sertraline and Fluoxetine on P-Glycoprotein at Barrier Sites: In Vivo and In Vitro Approaches. PLoS ONE, 2013, 8, e56525.	2.5	34
76	Prenatal Endotoxemia and Placental Drug Transport in The Mouse: Placental Size-Specific Effects. PLoS ONE, 2013, 8, e65728.	2.5	46
77	Proximal Cerebral Arteries Develop Myogenic Responsiveness in Heart Failure via Tumor Necrosis Factor-Î±â€“Dependent Activation of Sphingosine-1-Phosphate Signaling. Circulation, 2012, 126, 196-206.	1.6	62
78	Transgenerational Effects of Prenatal Synthetic Glucocorticoids on Hypothalamic-Pituitary-Adrenal Function. Endocrinology, 2012, 153, 3295-3307.	2.8	70
79	Prenatal Synthetic Glucocorticoid Treatment Changes DNA Methylation States in Male Organ Systems: Multigenerational Effects. Endocrinology, 2012, 153, 3269-3283.	2.8	138
80	Sertraline Alters Multidrug Resistance Phosphoglycoprotein Activity in the Mouse Placenta and Fetal Bloodâ€“Brain Barrier. Reproductive Sciences, 2012, 19, 407-415.	2.5	21
81	Effect of Antenatal Corticosteroids on Fetal Growth and Gestational Age at Birth. Obstetrics and Gynecology, 2012, 119, 917-923.	2.4	93
82	Transgenerational inheritance of stress pathology. Experimental Neurology, 2012, 233, 95-101.	4.1	69
83	Pro-Inflammatory Cytokine Regulation of P-glycoprotein in the Developing Blood-Brain Barrier. PLoS ONE, 2012, 000, e43022.	2.5	51
84	Effects of chronic maternal stress on hypothalamoâ€“pituitaryâ€“adrenal (HPA) function and behavior: No reversal by environmental enrichment. Hormones and Behavior, 2011, 60, 589-598.	2.1	35
85	Maternal Side-Effects After Multiple Courses of Antenatal Corticosteroids (MACS): The Three- Month Follow-Up of Women in the Randomized Controlled Trial of MACS for Preterm Birth Study. Journal of Obstetrics and Gynaecology Canada, 2011, 33, 909-921.	0.7	7
86	Testosterone is involved in mediating the effects of prenatal stress in male guinea pig offspring. Journal of Physiology, 2011, 589, 755-766.	2.9	34
87	Antenatal Dexamethasone Treatment in Midgestation Reduces System A-Mediated Transport in the Late-Gestation Murine Placenta. Endocrinology, 2011, 152, 3561-3570.	2.8	45
88	Corticosteroid Regulation of P-Glycoprotein in the Developing Blood-Brain Barrier. Endocrinology, 2011, 152, 1067-1079.	2.8	38
89	Breast Cancer-Resistance Protein (BCRP1) in the Fetal Mouse Brain: Development and Glucocorticoid Regulation. Biology of Reproduction, 2011, 84, 783-789.	2.7	16
90	Glucocorticoid Regulation of Placental Breast Cancer Resistance Protein (Bcrp1) in the Mouse. Reproductive Sciences, 2011, 18, 631-639.	2.5	16

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91	Is perinatal neuroendocrine programming involved in the developmental origins of metabolic disorders?. World Journal of Diabetes, 2011, 2, 211.	3.5	11
92	Developmental expression of multidrug resistance phosphoglycoprotein (P-gp) in the mouse fetal brain and glucocorticoid regulation. Brain Research, 2010, 1357, 9-18.	2.2	37
93	Prenatal synthetic glucocorticoid exposure alters hypothalamicâ€“pituitaryâ€“adrenal regulation and pregnancy outcomes in mature female guinea pigs. Journal of Physiology, 2010, 588, 887-899.	2.9	61
94	Multiple Courses of Antenatal Corticosteroids for Preterm Birth Study: 2-Year Outcomes. Pediatrics, 2010, 126, e1045-e1055.	2.1	62
95	Exercise maintains euglycemia in association with decreased activation of c-Jun NH₂-terminal kinase and serine phosphorylation of IRS-1 in the liver of ZDF rats. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E671-E682.	3.5	31
96	Minireview: Transgenerational Inheritance of the Stress Response: A New Frontier in Stress Research. Endocrinology, 2010, 151, 7-13.	2.8	110
97	Multidrug resistance phosphoglycoprotein (ABCB1) expression in the guinea pig placenta: developmental changes and regulation by betamethasone. Canadian Journal of Physiology and Pharmacology, 2009, 87, 973-978.	1.4	29
98	Effects of Maternal Dexamethasone Treatment in Early Pregnancy on Pituitary-Adrenal Axis in Fetal Sheep. Endocrinology, 2009, 150, 5466-5477.	2.8	45
99	Sex differences in hormonal responses to a social stressor in chronic major depression. Psychoneuroendocrinology, 2009, 34, 1235-1241.	2.7	66
100	The effects of prenatal stress on learning in adult offspring is dependent on the timing of the stressor. Behavioural Brain Research, 2009, 197, 144-149.	2.2	100
101	Development of the Fetal Hypothalamic-Pituitary-Adrenal-Placental Axis: Implications for Postnatal Health. , 2009, , 89-99.		1
102	Transgenerational effects of prenatal nutrient restriction on cardiovascular and hypothalamicâ€pituitaryâ€adrenal function. Journal of Physiology, 2008, 586, 2217-2229.	2.9	130
103	Molecular regulation of the hypothalamicâ€pituitaryâ€adrenal axis in adult male guinea pigs after prenatal stress at different stages of gestation. Journal of Physiology, 2008, 586, 4317-4326.	2.9	48
104	Fetal programming of hypothalamicâ€“pituitaryâ€“adrenal (HPA) axis function and behavior by synthetic glucocorticoids. Brain Research Reviews, 2008, 57, 586-595.	9.0	221
105	Fetal Mechanisms in Neurodevelopmental Disorders. Pediatric Neurology, 2008, 38, 163-176.	2.1	104
106	Chronic maternal stress affects growth, behaviour and hypothalamoâ€“pituitaryâ€“adrenal function in juvenile offspring. Hormones and Behavior, 2008, 54, 514-520.	2.1	74
107	The effect of long-term insulin treatment with and without antecedent hypoglycemia on neuropeptide and corticosteroid receptor expression in the brains of diabetic rats. Brain Research Bulletin, 2008, 77, 149-157.	3.0	6
108	Multiple courses of antenatal corticosteroids for preterm birth (MACS): a randomised controlled trial. Lancet, The, 2008, 372, 2143-2151.	13.7	333

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109	Swim training prevents hyperglycemia in ZDF rats: mechanisms involved in the partial maintenance of Î²-cell function. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E271-E283.	3.5	53
110	Adaptation to intermittent stress promotes maintenance of Î²-cell compensation: comparison with food restriction. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E947-E958.	3.5	14
111	Expression of glucocorticoid receptor, mineralocorticoid receptor, and 11Î²-hydroxysteroid dehydrogenase 1 and 2 in the fetal and postnatal ovine hippocampus: ontogeny and effects of prenatal glucocorticoid exposure. Journal of Endocrinology, 2008, 197, 213-220.	2.6	36
112	Adaptation to Mild, Intermittent Stress Delays Development of Hyperglycemia in the Zucker Diabetic Fatty Rat Independent of Food Intake: Role of Habituation of the Hypothalamic-Pituitary-Adrenal Axis. Endocrinology, 2008, 149, 2990-3001.	2.8	19
113	Prenatal Stress Modifies Behavior and Hypothalamic-Pituitary-Adrenal Function in Female Guinea Pig Offspring: Effects of Timing of Prenatal Stress and Stage of Reproductive Cycle. Endocrinology, 2008, 149, 6406-6415.	2.8	85
114	Functional Changes of Mouse Placental Multidrug Resistance Phosphoglycoprotein (ABCB1) With Advancing Gestation and Regulation by Progesterone. Reproductive Sciences, 2007, 14, 321-328.	2.5	44
115	Overexposure to Antenatal Corticosteroids: A Global Concern. Journal of Obstetrics and Gynaecology Canada, 2007, 29, 879.	0.7	10
116	Psychological stressors as a model of maternal adversity: Diurnal modulation of corticosterone responses and changes in maternal behavior. Hormones and Behavior, 2007, 51, 77-88.	2.1	52
117	Attenuation of type 2 diabetes mellitus in the male Zucker diabetic fatty rat: the effects of stress and non-volitional exercise. Metabolism: Clinical and Experimental, 2007, 56, 732-744.	3.4	67
118	Recurrent intermittent restraint delays fed and fasting hyperglycemia and improves glucose return to baseline levels during glucose tolerance tests in the Zucker diabetic fatty ratâ€"role of food intake and corticosterone. Metabolism: Clinical and Experimental, 2007, 56, 1065-1075.	3.4	22
119	Repeated maternal glucocorticoid treatment affects activity and hippocampal NMDA receptor expression in juvenile guinea pigs. Journal of Physiology, 2007, 578, 249-257.	2.9	45
120	Effects of repeated prenatal glucocorticoid exposure on long-term potentiation in the juvenile guinea-pig hippocampus. Journal of Physiology, 2007, 581, 1033-1042.	2.9	42
121	Foetal Experience: Lifelong Consequences. Journal of Neuroendocrinology, 2007, 19, 73-74.	2.6	11
122	Fetal programming of hypothalamo-pituitary-adrenal function: prenatal stress and glucocorticoids. Journal of Physiology, 2006, 572, 31-44.	2.9	490
123	Effects of Insulin Treatment without and with Recurrent Hypoglycemia on Hypoglycemic Counterregulation and Adrenal Catecholamine-Synthesizing Enzymes in Diabetic Rats. Endocrinology, 2006, 147, 1860-1870.	2.8	21
124	Maternal nutrient deprivation induces sex-specific changes in thyroid hormone receptor and deiodinase expression in the fetal guinea pig brain. Journal of Physiology, 2005, 566, 467-480.	2.9	18
125	Short periods of prenatal stress affect growth, behaviour and hypothalamoâ€"pituitaryâ€"adrenal axis activity in male guinea pig offspring. Journal of Physiology, 2005, 566, 967-977.	2.9	175
126	Changes in basal hypothalamo-pituitary-adrenal activity during exercise training are centrally mediated. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R1360-R1371.	1.8	57

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127	Hyperglycemia does not increase basal hypothalamo-pituitary-adrenal activity in diabetes but it does impair the HPA response to insulin-induced hypoglycemia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R235-R246.	1.8	36
128	Maternal Adversity,Vulnerability and Disease. , 2005, 173, 28-49.		7
129	Effects of diabetes and recurrent hypoglycemia on the regulation of the sympathoadrenal system and hypothalamo-pituitary-adrenal axis. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E422-E429.	3.5	21
130	Multidrug Resistance Phosphoglycoprotein (ABCB1) in the Mouse Placenta: Fetal Protection1. Biology of Reproduction, 2005, 73, 591-597.	2.7	92
131	Insulin Alone Increases Hypothalamo-Pituitary-Adrenal Activity, and Diabetes Lowers Peak Stress Responses. Endocrinology, 2005, 146, 1382-1390.	2.8	54
132	Neuroendocrine programming of adult disease. , 2005, , 61-71.		0
133	Glucocorticoids Do Not Alter Developmental Expression of Hippocampal or Pituitary Steroid Receptor Coactivator-1 and -2 in the Late Gestation Fetal Guinea Pig. Endocrinology, 2004, 145, 3796-3803.	2.8	18
134	Regulation of N-Methyl-d-Aspartate Receptor Subunit Expression in the Fetal Guinea Pig Brain1. Biology of Reproduction, 2004, 71, 676-683.	2.7	17
135	Developmental regulation of the 5-HT7 serotonin receptor and transcription factor NGFI-A in the fetal guinea-pig limbic system: influence of GCs. Journal of Physiology, 2004, 555, 659-670.	2.9	26
136	Prenatal glucocorticoid exposure alters hypothalamic-pituitary-adrenal function and blood pressure in mature male guinea pigs. Journal of Physiology, 2004, 558, 305-318.	2.9	68
137	Developmental regulation of 5-HT1A receptor mRNA in the fetal limbic system: response to antenatal glucocorticoid. Developmental Brain Research, 2004, 149, 39-44.	1.7	16
138	Programming of the Hypothalamoâ€“Pituitaryâ€“Adrenal Axis: Serotonergic Involvement. Stress, 2004, 7, 15-27.	1.8	85
139	Partial leptin restoration increases hypothalamic-pituitary-adrenal activity while diminishing weight loss and hyperphagia in streptozotocin diabetic rats. Metabolism: Clinical and Experimental, 2004, 53, 1558-1564.	3.4	18
140	ANTENATAL GLUCOCORTICOIDS: IS THERE CAUSE FOR CONCERN?. Fetal and Maternal Medicine Review, 2003, 14, 329-354.	0.3	12
141	Glucocorticoids and Sex-Dependent Development of Brain Glucocorticoid and Mineralocorticoid Receptors. Endocrinology, 2003, 144, 2775-2784.	2.8	147
142	Diabetes Impairs Hypothalamo-Pituitary-Adrenal (HPA) Responses to Hypoglycemia, and Insulin Treatment Normalizes HPA but not Epinephrine Responses. Diabetes, 2002, 51, 1681-1689.	0.6	75
143	Hyperactivation of the Hypothalamo-Pituitary-Adrenocortical Axis in Streptozotocin-Diabetes Is Associated with Reduced Stress Responsiveness and Decreased Pituitary and Adrenal Sensitivity. Endocrinology, 2002, 143, 1761-1768.	2.8	89
144	Early programming of the hypothalamoâ€“pituitaryâ€“adrenal axis. Trends in Endocrinology and Metabolism, 2002, 13, 373-380.	7.1	450

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145	Effects of recurrent hyperinsulinemia with and without hypoglycemia on counterregulation in diabetic rats. American Journal of Physiology - Endocrinology and Metabolism, 2002, 282, E1369-E1379.	3.5	32
146	Repeated doses of antenatal corticosteroids in animals: A systematic review. American Journal of Obstetrics and Gynecology, 2002, 186, 843-849.	1.3	116
147	Hyperactivation of the Hypothalamo-Pituitary-Adrenocortical Axis in Streptozotocin-Diabetes Is Associated with Reduced Stress Responsiveness and Decreased Pituitary and Adrenal Sensitivity. Endocrinology, 2002, 143, 1761-1768.	2.8	22
148	Antenatal glucocorticoids and the developing brain: mechanisms of action. Seminars in Fetal and Neonatal Medicine, 2001, 6, 309-317.	2.7	96
149	Glucocorticoid therapy in the fetus and newborn â€“ Introduction. Seminars in Fetal and Neonatal Medicine, 2001, 6, 283-284.	2.7	4
150	Maternal glucocorticoid treatment programs HPA regulation in adult offspring: sex-specific effects. American Journal of Physiology - Endocrinology and Metabolism, 2001, 280, E729-E739.	3.5	161
151	Prenatal Glucocorticoid Modifies Hypothalamo-Pituitary-Adrenal Regulation in Prepubertal Guinea Pigs. Neuroendocrinology, 2001, 73, 194-202.	2.5	70
152	Effects of antecedent hypoglycemia, hyperinsulinemia, and excess corticosterone on hypoglycemic counterregulation. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E455-E465.	3.5	38
153	Decreased CRH mRNA expression in the fetal guinea pig hypothalamus following maternal nutrient restriction. Brain Research, 2001, 896, 179-182.	2.2	15
154	Multiple courses of antenatal corticosteroids: A systematic review and meta-analysis. American Journal of Obstetrics and Gynecology, 2001, 185, 1073-1080.	1.3	56
155	A Short Period of Maternal Nutrient Restriction in Late Gestation Modifies Pituitary-Adrenal Function in Adult Guinea Pig Offspring. Neuroendocrinology, 2001, 73, 302-311.	2.5	89
156	Repeated Antenatal Glucocorticoid Exposure and the Developing Brain: Commentary on the article by Modi et al. on page 581. Pediatric Research, 2001, 50, 563-564.	2.3	26
157	Molecular Regulation of the Hypothalamo-Pituitary-Adrenal Axis in Streptozotocin-Induced Diabetes: Effects of Insulin Treatment. Endocrinology, 2001, 142, 4872-4879.	2.8	84
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