

# Dean A Myers

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,856  
citations

279798

23  
h-index

265206

42  
g-index

53  
all docs

53  
docs citations

53  
times ranked

1816  
citing authors

#	ARTICLE	IF	CITATIONS
1	Corticosterone delivery to the amygdala increases corticotropin-releasing factor mRNA in the central amygdaloid nucleus and anxiety-like behavior. <i>Brain Research</i> , 2000, 861, 288-295.	2.2	284
2	Blunted Stress Cortisol Response in Abstinent Alcoholic and Polysubstance-Abusing Men. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 651-658.	2.4	234
3	Stereotaxic delivery of corticosterone to the amygdala modulates colonic sensitivity in rats. <i>Brain Research</i> , 2001, 893, 135-142.	2.2	116
4	Stereotaxic localization of corticosterone to the amygdala enhances hypothalamo-pituitary-adrenal responses to behavioral stress. <i>Brain Research</i> , 2003, 963, 203-213.	2.2	100
5	The role of prostaglandins E1 and E2, dinoprostone, and misoprostol in cervical ripening and the induction of labor: a mechanistic approach. <i>Archives of Gynecology and Obstetrics</i> , 2017, 296, 167-179.	1.7	76
6	Corticosterone implants to the amygdala and type 1 CRH receptor regulation: Effects on behavior and colonic sensitivity. <i>Behavioural Brain Research</i> , 2005, 161, 39-44.	2.2	66
7	Effect of Bilateral Splanchnic Nerve Section on Adrenal Function in the Ovine Fetus*. <i>Endocrinology</i> , 1990, 127, 2328-2335.	2.8	62
8	Zika virus infection at mid-gestation results in fetal cerebral cortical injury and fetal death in the olive baboon. <i>PLoS Pathogens</i> , 2019, 15, e1007507.	4.7	55
9	Chronically elevated corticosterone in the amygdala increases corticotropin releasing factor mRNA in the dorsolateral bed nucleus of stria terminalis following duress. <i>Behavioural Brain Research</i> , 2006, 174, 193-196.	2.2	53
10	Strain differences in anxiety-like behavior: Association with corticotropin-releasing factor. <i>Behavioural Brain Research</i> , 2008, 186, 239-245.	2.2	49
11	Long-term hypoxia represses the expression of key genes regulating cortisol biosynthesis in the near-term ovine fetus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 289, R1707-R1714.	1.8	47
12	eNOS activation and NO function: Differential control of steroidogenesis by nitric oxide and its adaptation with hypoxia. <i>Journal of Endocrinology</i> , 2011, 210, 259-269.	2.6	47
13	Long-term expression of corticotropin-releasing factor (CRF) in the paraventricular nucleus of the hypothalamus in response to an acute colonic inflammation. <i>Brain Research</i> , 2006, 1071, 91-96.	2.2	46
14	Structure and function of the ovine type 1 corticotropin releasing factor receptor (CRF1) and a carboxyl-terminal variant. <i>Molecular and Cellular Endocrinology</i> , 1998, 144, 21-35.	3.2	42
15	Long-term hypoxia enhances proopiomelanocortin processing in the near-term ovine fetus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005, 288, R1178-R1184.	1.8	42
16	Clinical Insights for Cervical Ripening and Labor Induction Using Prostaglandins. <i>AJP Reports</i> , 2018, 08, e307-e314.	0.7	39
17	Long-term hypoxia modulates expression of key genes regulating adipose function in the late-gestation ovine fetus. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 294, R1312-R1318.	1.8	35
18	Zika Virus Infection, Reproductive Organ Targeting, and Semen Transmission in the Male Olive Baboon. <i>Journal of Virology</i> , 2019, 94, .	3.4	32

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19	Long-term hypoxia increases leptin receptors and plasma leptin concentrations in the late-gestation ovine fetus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 291, R1406-R1413.	1.8	31
20	The Recruitment and Activation of Leukocytes into the Immune Cervix: Further Support That Cervical Remodeling Involves an Immune and Inflammatory Mechanism. Biology of Reproduction, 2012, 87, 107.	2.7	28
21	Fetal endocrine and metabolic adaptations to hypoxia: the role of the hypothalamic-pituitary-adrenal axis. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E429-E439.	3.5	28
22	Expression of Proopiomelanocortin and Prohormone Convertase-1 and -2 in the Late Gestation Fetal Sheep Pituitary**This work was supported by NIH Grant HD-33147.. Endocrinology, 1998, 139, 5135-5143.	2.8	27
23	Nitric Oxide Inhibits ACTH-Induced Cortisol Production in Near-Term, Long-Term Hypoxic Ovine Fetal Adrenocortical Cells. Reproductive Sciences, 2010, 17, 955-962.	2.5	26
24	Translational Model of Zika Virus Disease in Baboons. Journal of Virology, 2018, 92, .	3.4	25
25	Long-Term Hypoxia Increases Endothelial Nitric Oxide Synthase Expression in the Ovine Fetal Adrenal. Reproductive Sciences, 2009, 16, 865-874.	2.5	23
26	Interleukin 1 $\beta$ Regulates Progesterone Metabolism in Human Cervical Fibroblasts. Reproductive Sciences, 2012, 19, 271-281.	2.5	23
27	Long-term hypoxia modulates expression of key genes regulating adrenomedullary function in the late gestation ovine fetus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2007, 293, R1997-R2005.	1.8	22
28	Maternal Zika Virus (ZIKV) Infection following Vaginal Inoculation with ZIKV-Infected Semen in Timed-Pregnant Olive Baboons. Journal of Virology, 2020, 94, .	3.4	20
29	Long-term hypoxia enhances ACTH response to arginine vasopressin but not corticotropin-releasing hormone in the near-term ovine fetus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2009, 297, R892-R899.	1.8	17
30	Adrenocortical and Adipose Responses to High-Altitude-Induced, Long-Term Hypoxia in the Ovine Fetus. Journal of Pregnancy, 2012, 2012, 1-9.	2.4	16
31	Corticotropin-Releasing Factor Receptor Expression in the Pituitary of Fetal Sheep after Lesion of the Hypothalamic Paraventricular Nucleus. Endocrinology, 1999, 140, 4292-4299.	2.8	13
32	Proopiomelanocortin Processing in the Anterior Pituitary of the Ovine Fetus after Lesion of the Hypothalamic Paraventricular Nucleus. Endocrinology, 2005, 146, 2665-2673.	2.8	13
33	Leptin receptor antagonist treatment ameliorates the effects of long-term maternal hypoxia on adrenal expression of key steroidogenic genes in the ovine fetus. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R435-R442.	1.8	12
34	Gestational hypoxia disrupts the neonatal leptin surge and programs hyperphagia and obesity in male offspring in the Sprague-Dawley rat. PLoS ONE, 2017, 12, e0185272.	2.5	12
35	Long-Term Hypoxia Enhances Cortisol Biosynthesis in Near-Term Ovine Fetal Adrenal Cortical Cells. Reproductive Sciences, 2011, 18, 277-285.	2.5	11
36	Altitude, Attitude and Adaptation. Advances in Experimental Medicine and Biology, 2014, 814, 147-157.	1.6	11

#	ARTICLE	IF	CITATIONS
37	Characterization of the SARS-CoV-2 Host Response in Primary Human Airway Epithelial Cells from Aged Individuals. <i>Viruses</i> , 2021, 13, 1603.	3.3	11
38	Cognitive differences between Sprague-Dawley rats selectively bred for sensitivity or resistance to diet induced obesity. <i>Behavioural Brain Research</i> , 2016, 311, 122-130.	2.2	8
39	Gestational hypoxia modulates expression of corticotropin-releasing hormone and arginine vasopressin in the paraventricular nucleus in the ovine fetus. <i>Physiological Reports</i> , 2016, 4, e12643.	1.7	7
40	Adrenocorticotrophic Hormone and PI3K/Akt Inhibition Reduce eNOS Phosphorylation and Increase Cortisol Biosynthesis in Long-Term Hypoxic Ovine Fetal Adrenal Cortical Cells. <i>Reproductive Sciences</i> , 2015, 22, 932-941.	2.5	6
41	Interaction Between Progesterone and Interleukin-1 $\beta$ in Modulating Progesterone Receptor Expression and the Inflammatory Phenotype in Human Cervical Fibroblasts. <i>Reproductive Sciences</i> , 2018, 25, 598-608.	2.5	6
42	Intensive glycemic control in gestational diabetes mellitus: a randomized controlled clinical feasibility trial. <i>American Journal of Obstetrics &amp; Gynecology MFM</i> , 2019, 1, 100050.	2.6	6
43	Blunted Stress Cortisol Response in Abstinent Alcoholic and Polysubstance-Abusing Men. <i>Alcoholism: Clinical and Experimental Research</i> , 2000, 24, 651-658.	2.4	6
44	Prostaglandin Synthase Activity of Fetal Sheep Cotyledons at 122 Days of Gestation and Term: Expression of Prostaglandin Synthetic Capacity in Fetal Cotyledonary Tissue near Labor is Location-Dependent. <i>Biology of Reproduction</i> , 1995, 52, 737-744.	2.7	5
45	Extracellular signal-regulated kinases (ERK1/2) signaling pathway plays a role in cortisol secretion in the long-term hypoxic ovine fetal adrenal near term. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 304, R636-R643.	1.8	5
46	Long-Term Gestational Hypoxia Modulates Expression of Key Genes Governing Mitochondrial Function in the Perirenal Adipose of the Late Gestation Sheep Fetus. <i>Reproductive Sciences</i> , 2015, 22, 654-663.	2.5	5
47	Regulation of proopiomelanocortin messenger ribonucleic acid levels in the ovine fetal anterior pituitary in vitro. <i>Molecular and Cellular Endocrinology</i> , 2000, 170, 175-184.	3.2	4
48	Long term hypoxia during gestation alters perirenal adipose tissue gene expression in the lamb. <i>Adipocyte</i> , 2020, 9, 223-233.	2.8	2
49	Expression of StAR and Key Genes Regulating Cortisol Biosynthesis in Near Term Ovine Fetal Adrenocortical Cells: Effects of Long-Term Hypoxia. <i>Reproductive Sciences</i> , 2018, 25, 230-238.	2.5	1
50	Zika virus infection with primates: Fetal outcomes. , 2021, , 463-472.		0