# Chandrasekhar Yallampalli

List of Publications by Year
in descending order



| 159 | 4,826 | 117625 | 128289 |
|---|---|---|---|
| papers | citations | 34 h-index | 60 g-index |

| 162 | 162 | 162 | 3383 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Inhibition of nitric oxide synthesis in rats during pregnancy produces signs similar to those of preeclampsia. American Journal of Obstetrics and Gynecology, 1993, 169, 1316-1320. | 1.3 | 406 |
| 2 | Involvement of a nitric oxide-cyclic guanosine monophosphate pathway in control of human uterine contractility during pregnancy. American Journal of Obstetrics and Gynecology, 1995, 172, 1577-1584. | 1.3 | 228 |
| 3 | Increased Nitric Oxide Synthase Activity and Expression in the Human Uterine Artery During Pregnancy. Circulation Research, 2000, 87, 406-411. | 4.5 | 149 |
| 4 | Increased Blood Pressure in Î±-Calcitonin Geneâ€“Related Peptide/Calcitonin Gene Knockout Mice. Hypertension, 2000, 35, 470-475. | 2.7 | 141 |
| 5 | An L-argininеâ€“nitric oxideâ€“cyclic guanosine monophosphate system exists in the uterus and inhibits contractility during pregnancy. American Journal of Obstetrics and Gynecology, 1994, 170, 175-185. | 1.3 | 132 |
| 6 | Pre-eclampsia-like conditions produced by nitric oxide inhibition: effects of L-arginine, D-arginine and steroid hormones. Human Reproduction, 1995, 10, 2723-2730. | 0.9 | 128 |
| 7 | An l-arginine-nitric oxide-cyclic guanosine monophosphate system exists in the uterus and inhibits contractility during pregnancy. American Journal of Obstetrics and Gynecology, 1994, 170, 175-185. | 1.3 | 111 |
| 8 | Prenatal testosterone-induced fetal growth restriction is associated with down-regulation of rat placental amino acid transport. Reproductive Biology and Endocrinology, 2011, 9, 110. | 3.3 | 103 |
| 9 | Differential expression of cyclooxygenase-1 and -2 proteins in rat uterus and cervix during the estrous cycle, pregnancy, labor and in myometrial cells. Prostaglandins, 1996, 52, 13-34. | 1.2 | 85 |
| 10 | Regulation of Calcitonin Gene-Related Peptide Expression in Dorsal Root Ganglia of Rats by Female Sex Steroid Hormones1. Biology of Reproduction, 2000, 62, 1033-1039. | 2.7 | 82 |
| 11 | Nitric oxide inhibits development of embryos and implantation in mice. Molecular Human Reproduction, 1998, 4, 503-507. | 2.8 | 78 |
| 12 | Prevention of corticosteroid-induced bone loss with nitric oxide donor nitroglycerin in male rats. Bone, 1997, 21, 275-280. | 2.9 | 74 |
| 13 | Calcitonin Gene-Related Peptide Is a Depressor in N <sup>G</sup> -Nitro- <scp>l</scp> -Arginine Methyl Ester-Induced Hypertension During Pregnancy. Hypertension, 1997, 29, 248-253. | 2.7 | 68 |
| 14 | Role of gap junctions and nitric oxide in control of myometrial contractility. Seminars in Perinatology, 1995, 19, 41-51. | 2.5 | 67 |
| 15 | Protein Restriction during Pregnancy Induces Hypertension and Impairs Endothelium-Dependent Vascular Function in Adult Female Offspring. Journal of Vascular Research, 2009, 46, 229-239. | 1.4 | 62 |
| 16 | Fetal sex-related dysregulation in testosterone production and their receptor expression in the human placenta with preeclampsia. Journal of Perinatology, 2012, 32, 328-335. | 2.0 | 62 |
| 17 | Female Steroid Hormones Modulate Receptors for Nerve Growth Factor in Rat Dorsal Root Ganglia1. Biology of Reproduction, 2001, 64, 331-338. | 2.7 | 60 |
| 18 | Placental and Fetal Growth and Development in Late Rat Gestation Is Dependent on Adrenomedullin1. Biology of Reproduction, 2002, 67, 1025-1031. | 2.7 | 59 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Calcitonin gene-related peptide in pregnancy and its emerging receptor heterogeneity. Trends in Endocrinology and Metabolism, 2002, 13, 263-269. | 7.1 | 59 |
| 20 | Pregnancy and sex steroid hormones enhance circulating calcitonin gene-related peptide concentrations in rats. Human Reproduction, 2000, 15, 949-953. | 0.9 | 57 |
| 21 | Testosterone Alters Maternal Vascular Adaptations. Hypertension, 2013, 61, 647-654. | 2.7 | 56 |
| 22 | Involvement of calcitonin gene-related peptide in control of human fetoplacental vascular tone. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 286, H230-H239. | 3.2 | 55 |
| 23 | Evidence for Decreased Calcitonin Gene-Related Peptide (CGRP) Receptors and Compromised Responsiveness to CGRP of Fetoplacental Vessels in Preeclamptic Pregnancies. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 2336-2343. | 3.6 | 52 |
| 24 | Fetal programming of adult hypertension in female rat offspring exposed to androgens in utero. Early Human Development, 2011, 87, 407-414. | 1.8 | 52 |
| 25 | Involvement of calcitonin geneâ€“related peptide in the modulation of human myometrial contractility during pregnancy. Journal of Clinical Investigation, 1999, 104, 559-565. | 8.2 | 52 |
| 26 | Frequency-Dependent Effect of Nitric Oxide Donor Nitroglycerin on Bone. Journal of Bone and Mineral Research, 2000, 15, 1119-1125. | 2.8 | 50 |
| 27 | Elevated Testosterone Levels During Rat Pregnancy Cause Hypersensitivity to Angiotensin II and Attenuation of Endothelium-Dependent Vasodilation in Uterine Arteries. Hypertension, 2014, 64, 405-414. | 2.7 | 50 |
| 28 | Changes in the Expression of Calcitonin Receptor-Like Receptor, Receptor Activity-Modifying Protein (RAMP) 1, RAMP2, and RAMP3 in Rat Uterus During Pregnancy, Labor, and by Steroid Hormone Treatments. Biology of Reproduction, 2003, 69, 1432-1437. | 2.7 | 46 |
| 29 | Adrenomedullin Enhances Invasion by Trophoblast Cell Lines1. Biology of Reproduction, 2005, 73, 619-626. | 2.7 | 45 |
| 30 | Injection of adjuvant but not acidic saline into craniofacial muscle evokes nociceptive behaviors and neuropeptide expression. Neuroscience, 2007, 149, 650-659. | 2.3 | 45 |
| 31 | Preterm birth in rats produced by the synergistic action of a nitric oxide inhibitor (NG-nitro-L-arginine methyl ester) and an antiprogestin (onapristone). American Journal of Obstetrics and Gynecology, 1996, 175, 207-212. | 1.3 | 44 |
| 32 | Muscle inflammation induces a rapid increase in calcitonin gene-related peptide (CGRP) mRNA that temporally relates to CGRP immunoreactivity and nociceptive behavior. Neuroscience, 2006, 143, 875-884. | 2.3 | 43 |
| 33 | Nitric oxide reverses prostaglandin-induced inhibition in ovarian progesterone secretion in rats. Human Reproduction, 1999, 14, 27-32. | 0.9 | 42 |
| 34 | Calcitonin Gene-Related Peptide (CALCA) Is a Proangiogenic Growth Factor in the Human Placental Development1. Biology of Reproduction, 2007, 76, 892-899. | 2.7 | 37 |
| 35 | Prenatal Testosterone Exposure Induces Hypertension in Adult Females via Androgen Receptorâ€“Dependent Protein Kinase Cî â€“Mediated Mechanism. Hypertension, 2015, 65, 683-690. | 2.7 | 37 |
| 36 | Progesterone up-regulates vasodilator effects of calcitonin geneâ€“related peptide in NG-nitro-l-arginine methyl esterâ€“induced hypertension. American Journal of Obstetrics and Gynecology, 1997, 176, 894-900. | 1.3 | 36 |

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| 37 | Expression of Adrenomedullin 2 (ADM2)/Intermedin (IMD) in Human Placenta: Role in Trophoblast Invasion and Migration1. Biology of Reproduction, 2009, 81, 777-783. | 2.7 | 36 |
| 38 | Adrenomedullin-2, a Novel Calcitonin/Calcitonin-Gene-Related Peptide Family Peptide, Relaxes Rat Mesenteric Artery: Influence of Pregnancy. Endocrinology, 2007, 148, 1727-1735. | 2.8 | 35 |
| 39 | Protein restriction during pregnancy induces hypertension in adult female rat offspring â€“ influence of oestradiol. British Journal of Nutrition, 2012, 107, 665-673. | 2.3 | 35 |
| 40 | Female Sex Steroid Hormones and Pregnancy Regulate Receptors for Calcitonin Gene-Related Peptide in Rat Mesenteric Arteries, but Not in Aorta1. Biology of Reproduction, 2004, 70, 1055-1062. | 2.7 | 34 |
| 41 | Adrenomedullin 2 Antagonist Infusion to Rats During Midgestation Causes Fetoplacental Growth Restriction Through Apoptosis1. Biology of Reproduction, 2006, 75, 940-947. | 2.7 | 33 |
| 42 | Uterine Contractile Responses to Endothelin-1 and Endothelin Receptors Are Elevated during Labor1. Biology of Reproduction, 1994, 51, 640-645. | 2.7 | 32 |
| 43 | Regulation of Inducible Nitric Oxide Synthase Messenger Ribonucleic Acid Expression in Pregnant Rat Uterus1. Biology of Reproduction, 1998, 59, 933-940. | 2.7 | 32 |
| 44 | Pre-clinical evaluation of a nanoparticle-based blood-pool contrast agent for MR imaging of the placenta. Placenta, 2017, 57, 60-70. | 1.5 | 32 |
| 45 | Inverse Relationship between Severity of Experimental Pyelonephritis and Nitric Oxide Production in C3H/HeJ Mice. Infection and Immunity, 1999, 67, 2421-2427. | 2.2 | 32 |
| 46 | Mechanisms Involved in Calcitonin Gene-Related Peptide-Induced Relaxation in Pregnant Rat Uterine Artery1. Biology of Reproduction, 2003, 69, 1635-1641. | 2.7 | 30 |
| 47 | Adrenomedullin Antagonist Treatment During Early Gestation in Rats Causes Fetoplacental Growth Restriction Through Apoptosis1. Biology of Reproduction, 2004, 71, 1475-1483. | 2.7 | 30 |
| 48 | Antihypertensive effects of flutamide in rats that are exposed to a low-protein diet in utero. American Journal of Obstetrics and Gynecology, 2005, 192, 952-960. | 1.3 | 30 |
| 49 | Endothelium-Independent Relaxation by Adrenomedullin in Pregnant Rat Mesenteric Artery: Role of cAMP-Dependent Protein Kinase A and Calcium-Activated Potassium Channels. Journal of Pharmacology and Experimental Therapeutics, 2006, 317, 1269-1275. | 2.5 | 30 |
| 50 | Maternal Protein Restriction Reduces Expression of Angiotensin I-Converting Enzyme 2 in Rat Placental Labyrinth Zone in Late Pregnancy1. Biology of Reproduction, 2012, 86, 31. | 2.7 | 30 |
| 51 | Prenatal Testosterone Exposure Leads to Hypertension That Is Gonadal Hormone-Dependent in Adult Rat Male and Female Offspring1. Biology of Reproduction, 2012, 86, 137, 1-7. | 2.7 | 30 |
| 52 | Prenatal Testosterone Induces Sex-Specific Dysfunction in Endothelium-Dependent Relaxation Pathways in Adult Male and Female Rats1. Biology of Reproduction, 2013, 89, 97. | 2.7 | 30 |
| 53 | Regulation of Calcitonin Gene-Related Peptide Receptors in the Rat Uterus During Pregnancy and Labor and by Progesterone1. Biology of Reproduction, 1999, 61, 1023-1030. | 2.7 | 29 |
| 54 | Pregnancy and Steroid Hormones Enhance the Systemic and Regional Hemodynamic Effects of Calcitonin Gene-Related Peptide in Rats1. Biology of Reproduction, 2001, 64, 1776-1783. | 2.7 | 29 |

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| 55 | Uterine relaxation responses to calcitonin geneâ€“related peptide and calcitonin geneâ€“related peptide receptors decreased during labor in rats. American Journal of Obstetrics and Gynecology, 1998, 179, 497-506. | 1.3 | 28 |
| 56 | Evidence for the existence of a new receptor for CGRP, which is not CRLR. Peptides, 2003, 24, 65-71. | 2.4 | 28 |
| 57 | Gestational Exposure to Elevated Testosterone Levels Induces Hypertension via Heightened Vascular Angiotensin II Type 1 Receptor Signaling in Rats1. Biology of Reproduction, 2014, 91, 6. | 2.7 | 28 |
| 58 | A liposomal Gd contrast agent does not cross the mouse placental barrier. Scientific Reports, 2016, 6, 27863. | 3.3 | 28 |
| 59 | Expression of calcitonin gene-related peptide receptor components, calcitonin receptor-like receptor and receptor activity modifying protein 1, in the rat placenta during pregnancy and their cellular localization. Molecular Human Reproduction, 2003, 9, 481-490. | 2.8 | 27 |
| 60 | Mesenteric Arterial Relaxation to Calcitonin Gene-Related Peptide Is Increased During Pregnancy and by Sex Steroid Hormones1. Biology of Reproduction, 2004, 71, 1739-1745. | 2.7 | 27 |
| 61 | Age-related changes in dorsal root ganglia, circulating and vascular calcitonin gene-related peptide (CGRP) concentrations in female rats: Effect of female sex steroid hormones. Neuroscience Letters, 2009, 454, 118-123. | 2.1 | 27 |
| 62 | Adrenomedullin Relaxes Rat Uterine Artery: Mechanisms and Influence of Pregnancy and Estradiol. Endocrinology, 2010, 151, 4485-4493. | 2.8 | 27 |
| 63 | Contrasting effects of diethylenetriamineâ€“nitric oxide, a spontaneously releasing nitric oxide donor, on pregnant rat uterine contractility in vitro versus in vivo. American Journal of Obstetrics and Gynecology, 1997, 177, 690-701. | 1.3 | 25 |
| 64 | Localized increase in nitric oxide production and the expression of nitric oxide synthase isoforms in rat uterus with experimental intrauterine infection. American Journal of Obstetrics and Gynecology, 1999, 181, 601-609. | 1.3 | 25 |
| 65 | Gestational Protein Restriction Impairs Insulin-Regulated Glucose Transport Mechanisms in Gastrocnemius Muscles of Adult Male Offspring. Endocrinology, 2014, 155, 3036-3046. | 2.8 | 25 |
| 66 | Potential role of intermedin/adrenomedullin 2 in early embryonic development in rats. Regulatory Peptides, 2011, 170, 65-71. | 1.9 | 24 |
| 67 | Spontaneous abortion is associated with elevated systemic C5a and reduced mRNA of complement inhibitory proteins in placenta. Clinical and Experimental Immunology, 2014, 177, 743-749. | 2.6 | 24 |
| 68 | Maternal protein restriction regulates IGF2 system in placental labyrinth. Frontiers in Bioscience - Elite, 2012, E4, 1434. | 1.8 | 24 |
| 69 | Maternal protein restriction regulates IGF2 system in placental labyrinth. Frontiers in Bioscience - Elite, 2012, E4, 1434-1450. | 1.8 | 21 |
| 70 | Progesterone receptor isoform B regulates the Oxtr - Plcl2 - Trpc3 pathway to suppress uterine contractility. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, . | 7.1 | 21 |
| 71 | Role and Regulation of Nitric Oxide in the Uterus During Pregnancy and Parturition. Journal of the Society for Gynecologic Investigation, 1998, 5, 58-67. | 1.7 | 20 |
| 72 | Female Sex Steroids Increase Adrenomedullin-Induced Vasodilation by Increasing the Expression of Adrenomedullin2 Receptor Components in Rat Mesenteric Artery. Endocrinology, 2006, 147, 389-396. | 2.8 | 20 |

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| 73 | Protein Restriction to Pregnant Rats Increases the Plasma Levels of Angiotensin II and Expression of Angiotensin II Receptors in Uterine Arteries1. Biology of Reproduction, 2012, 86, 68. | 2.7 | 20 |
| 74 | Complement Split Products in Amniotic Fluid in Pregnancies Subsequently Developing Early-Onset Preeclampsia. Disease Markers, 2015, 2015, 1-7. | 1.3 | 20 |
| 75 | Calcitonin Gene Related Family Peptides: Importance in Normal Placental and Fetal Development. Advances in Experimental Medicine and Biology, 2014, 814, 229-240. | 1.6 | 20 |
| 76 | Involvement of nitric oxide pathway in prostaglandin F2 Î±â€“induced preterm labor in rats. American Journal of Obstetrics and Gynecology, 1997, 177, 907-917. | 1.3 | 19 |
| 77 | Gestational Changes in Calcitonin Gene-Related Peptide, Nerve Growth Factor, and Its Receptors in Rat Dorsal Root Ganglia1. Biology of Reproduction, 2001, 65, 1601-1605. | 2.7 | 19 |
| 78 | Progesterone Upregulates Calcitonin Gene-Related Peptide and Adrenomedullin Receptor Components and Cyclic Adenosine 3â€²5â€²-Monophosphate Generation in Eker Rat Uterine Smooth Muscle Cell Line1. Biology of Reproduction, 2005, 72, 416-422. | 2.7 | 19 |
| 79 | Circulating calcitonin gene-related peptide and its placental origins in normotensive and preeclamptic pregnancies. American Journal of Obstetrics and Gynecology, 2006, 195, 1657-1667. | 1.3 | 19 |
| 80 | Inhibition of nitric oxide facilitates LH release from rat pituitaries. Life Sciences, 1997, 61, 45-50. | 4.3 | 18 |
| 81 | Raf-1 Kinase Regulates Smooth Muscle Contraction in the Rat Mesenteric Arteries. Journal of Vascular Research, 2010, 47, 384-398. | 1.4 | 18 |
| 82 | Adrenomedullin 2/Intermedin Regulates HLA-G in Human Trophoblasts1. Biology of Reproduction, 2011, 85, 1232-1239. | 2.7 | 18 |
| 83 | Intermedin/Adrenomedullin 2 Is Associated With Implantation and Placentation via Trophoblast Invasion in Human Pregnancy. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 695-703. | 3.6 | 18 |
| 84 | Pregnancy Increases Relaxation in Human Omental Arteries to the CGRP Family of Peptides1. Biology of Reproduction, 2015, 93, 134. | 2.7 | 18 |
| 85 | Calcitonin Gene-Related Family Peptides in Vascular Adaptations, Uteroplacental Circulation, and Fetal Growth. Current Vascular Pharmacology, 2013, 11, 641-654. | 1.7 | 18 |
| 86 | Vascular Hyperresponsiveness to Adrenomedullin During Pregnancy Is Associated with Increased Generation of Cyclic Nucleotides in Rat Mesenteric Artery1. Biology of Reproduction, 2007, 76, 118-123. | 2.7 | 17 |
| 87 | Group B streptococcus exploits lipid rafts and phosphoinositide 3-kinase/Akt signaling pathway to invade human endometrial cells. American Journal of Obstetrics and Gynecology, 2008, 199, 548.e1-548.e9. | 1.3 | 17 |
| 88 | Temporal alterations in vascular angiotensin receptors and vasomotor responses in offspring of protein-restricted rat dams. American Journal of Obstetrics and Gynecology, 2012, 206, 507.e1-507.e10. | 1.3 | 17 |
| 89 | Immunohistochemical localization of constitutive and inducible cyclo-oxygenases in rat uterus during the oestrous cycle and pregnancy. The Histochemical Journal, 1998, 30, 383-391. | 0.6 | 16 |
| 90 | Studies on the Effects of the N-Terminal Domain Antibodies of Calcitonin Receptor-Like Receptor and Receptor Activityâ€“Modifying Protein 1 on Calcitonin Gene-Related Peptide-Induced Vasorelaxation in Rat Uterine Artery1. Biology of Reproduction, 2004, 70, 1658-1663. | 2.7 | 16 |

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| 91 | Circulating Adrenomedullin Is Elevated in Gestational Diabetes and Its Role in Impaired Insulin Production by Î²-Cells. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 697-706. | 3.6 | 16 |
| 92 | Nanoparticle Contrast-enhanced T1-Mapping Enables Estimation of Placental Fractional Blood Volume in a Pregnant Mouse Model. Scientific Reports, 2019, 9, 18707. | 3.3 | 16 |
| 93 | Sex Steroid Hormones Enhance Hypotensive Effects of Calcitonin Gene-Related Peptide in Aged Female Rats1. Biology of Reproduction, 2002, 67, 1881-1887. | 2.7 | 15 |
| 94 | Expression and Regulation of Calcitonin Gene-Related Peptide Receptor in Rat Placentas1. Biology of Reproduction, 2002, 67, 1321-1326. | 2.7 | 15 |
| 95 | Adrenomedullin Requires an Intact Nitric Oxide System to Function as an Endogenous Vasodilator in Rat Gestation. Hypertension in Pregnancy, 2003, 22, 9-24. | 1.1 | 15 |
| 96 | Effects of Parathyroid Hormone Like Hormone (PTHLH) Antagonist, PTHLH7â€“34, on Fetoplacental Development and Growth During Midgestation in Rats1. Biology of Reproduction, 2005, 73, 1191-1198. | 2.7 | 15 |
| 97 | Gestational protein restriction affects trophoblast differentiation. Frontiers in Bioscience - Elite, 2013, E5, 591-601. | 1.8 | 15 |
| 98 | Epithelial Invasion by Escherichia coli Bearing Dr Fimbriae Is Controlled by Nitric Oxide-Regulated Expression of CD55. Infection and Immunity, 2004, 72, 2907-2914. | 2.2 | 14 |
| 99 | Calcitonin gene-related peptide stimulates human villous trophoblast cell differentiation in vitro. Molecular Human Reproduction, 2006, 12, 443-450. | 2.8 | 14 |
| 100 | Adipose Tissue Inflammation and Adrenomedullin Overexpression Contribute to Lipid Dysregulation in Diabetic Pregnancies. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 3810-3818. | 3.6 | 14 |
| 101 | Upregulation and release of soluble fmsâ€like tyrosine kinase receptor 1 mediated by complement activation in human syncytiotrophoblast cells. American Journal of Reproductive Immunology, 2018, 80, e13033. | 1.2 | 14 |
| 102 | Pre-clinical magnetic resonance imaging of retroplacental clear space throughout gestation. Placenta, 2019, 77, 1-7. | 1.5 | 14 |
| 103 | Calcitonin Gene-related Peptide (CGRP) is a Mediator of Vascular Adaptations During Hypertension in Pregnancy. Trends in Endocrinology and Metabolism, 1998, 9, 113-117. | 7.1 | 13 |
| 104 | Dra/AfaE Adhesin of Uropathogenic Dr/Afa+Escherichia coli Mediates Mortality in Pregnant Rats. Infection and Immunity, 2005, 73, 7597-7601. | 2.2 | 13 |
| 105 | Novel lean type 2 diabetic rat model using gestational low-protein programming. American Journal of Obstetrics and Gynecology, 2016, 214, 540.e1-540.e7. | 1.3 | 13 |
| 106 | Enhanced Mesenteric Arterial Responsiveness to Angiotensin II Is Androgen Receptor-Dependent in Prenatally Protein-Restricted Adult Female Rat Offspring1. Biology of Reproduction, 2015, 92, 55. | 2.7 | 12 |
| 107 | l-arginine prevents hypoxia-induced vasoconstriction in dual-perfused human placental cotyledons. Placenta, 2015, 36, 1254-1259. | 1.5 | 12 |
| 108 | Adrenomedullin2 (ADM2)/Intermedin (IMD): A Potential Role in the Pathophysiology of Preeclampsia. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 4478-4488. | 3.6 | 12 |

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| 109 | Gestational Protein Restriction Impairs Glucose Disposal in the Gastrocnemius Muscles of Female Rats. Endocrinology, 2017, 158, 756-767. | 2.8 | 12 |
| 110 | Targeting Adrenomedullin to Improve Lipid Homeostasis in Diabetic Pregnancies. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 3425-3436. | 3.6 | 12 |
| 111 | Preovulatory exposure to a protein-restricted diet disrupts amino acid kinetics and alters mitochondrial structure and function in the rat oocyte and is partially rescued by folic acid. Reproductive Biology and Endocrinology, 2019, 17, 12. | 3.3 | 12 |
| 112 | Common variants of fetal and maternal complement genes in preeclampsia: pregnancy specific complotype. Scientific Reports, 2020, 10, 4811. | 3.3 | 12 |
| 113 | Role of the N-Terminal Domain of the Calcitonin Receptor-like Receptor in Ligand Binding. Biochemistry, 2005, 44, 782-789. | 2.5 | 11 |
| 114 | Nitric oxide induces segregation of decay accelerating factor (DAF or CD55) from the membrane lipidâ€rafts and its internalization in human endometrial cells. Cell Biology International, 2012, 36, 901-907. | 3.0 | 11 |
| 115 | PI3K/Akt pathway restricts epithelial adhesion of Dr<sup>+</sup>Escherichia coliby down-regulating the expression of decay accelerating factor. Experimental Biology and Medicine, 2014, 239, 581-594. | 2.4 | 11 |
| 116 | Growth and fertility rates in the offspring of pregnant rats treated with L-Ï‰ nitro-L-arginine methyl ester (L-NAME), a nitric oxide inhibitor. American Journal of Obstetrics and Gynecology, 2002, 186, 89-93. | 1.3 | 10 |
| 117 | Gestational Protein Restriction Reduces Expression of Hsd17b2 in Rat Placental Labyrinth1. Biology of Reproduction, 2012, 87, 68. | 2.7 | 10 |
| 118 | Enalapril Normalizes Endothelium-Derived Hyperpolarizing Factor-Mediated Relaxation in Mesenteric Artery of Adult Hypertensive Rats Prenatally Exposed to Testosterone1. Biology of Reproduction, 2015, 92, 155. | 2.7 | 10 |
| 119 | Fetal macrosomia in a Hispanic/Latinx predominant cohort and altered expressions of genes related to placental lipid transport and metabolism. International Journal of Obesity, 2020, 44, 1743-1752. | 3.4 | 10 |
| 120 | Effects of Pregnancy and Female Sex Steroid Hormones on Calcitonin Gene-Related Peptide Content of Mesenteric Artery in Rats1. Biology of Reproduction, 2002, 67, 1430-1434. | 2.7 | 9 |
| 121 | Brief high fat high sugar diet results in altered energy and fat metabolism during pregnancy in mice. Scientific Reports, 2020, 10, 20866. | 3.3 | 9 |
| 122 | Ca2+ signaling in human fetoplacental vasculature: effect of CGRP on umbilical vein smooth muscle cytosolic Ca2+ concentration. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H960-H967. | 3.2 | 8 |
| 123 | Adrenomedullin2 (ADM2)/Intermedin (IMD) in Rat Ovary: Changes in Estrous Cycle and Pregnancy and Its Role in Ovulation and Steroidogenesis1. Biology of Reproduction, 2015, 92, 39. | 2.7 | 8 |
| 124 | Involvement of Receptor Activity-Modifying Protein 3 (RAMP3) in the Vascular Actions of Adrenomedullin in Rat Mesenteric Artery Smooth Muscle Cells1. Biology of Reproduction, 2015, 93, 116. | 2.7 | 8 |
| 125 | Adrenomedullin 2 (ADM2) Regulates Mucin 1 at the Maternal-Fetal Interface in Human Pregnancy1. Biology of Reproduction, 2015, 93, 136. | 2.7 | 7 |
| 126 | Appetite regulation is independent of the changes in ghrelin levels in pregnant rats fed low-protein diet. Physiological Reports, 2015, 3, e12368. | 1.7 | 7 |

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| 127 | Impact of adrenomedullin blockage on lipid metabolism in female mice exposed to high-fat diet. Endocrine, 2019, 65, 278-285. | 2.3 | 7 |
| 128 | Effects of steroid hormones on calcitonin gene-related peptide receptors in cultured human myometrium. American Journal of Obstetrics and Gynecology, 2003, 188, 466-472. | 1.3 | 6 |
| 129 | Maternal/fetal mortality and fetal growth restriction: role of nitric oxide and virulence factors in intrauterine infection in rats. American Journal of Obstetrics and Gynecology, 2011, 205, 83.e1-83.e7. | 1.3 | 6 |
| 130 | Blunted hypothalamic ghrelin signaling reduces diet intake in rats fed a low-protein diet in late pregnancy. Physiological Reports, 2015, 3, e12629. | 1.7 | 6 |
| 131 | Sex Dependent Dysregulation of Hepatic Glucose Production in Lean Type 2 Diabetic Rats. Frontiers in Endocrinology, 2019, 10, 538. | 3.5 | 6 |
| 132 | Calcitonin Gene Related Peptide, Adrenomedullin, and Adrenomedullin 2 Function in Uterine Artery During Human Pregnancy. Endocrinology, 2022, 163, . | 2.8 | 6 |
| 133 | Interactive effects of in vitro binge-like alcohol and ATP on umbilical endothelial nitric oxide synthase post-translational modifications and redox modulation. Reproductive Toxicology, 2014, 43, 94-101. | 2.9 | 5 |
| 134 | Placental growth factor blunts uterine artery responses to angiotensin II. BJOG: an International Journal of Obstetrics and Gynaecology, 2019, 126, 1058-1064. | 2.3 | 5 |
| 135 | Gestational Protein Restriction Increases Angiotensin II Production in Rat Lung1. Biology of Reproduction, 2013, 88, 64. | 2.7 | 4 |
| 136 | Impaired Vasodilatory Responses of Omental Arteries to CGRP Family Peptides in Pregnancies Complicated by Fetal Growth Restriction. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2984-2993. | 3.6 | 4 |
| 137 | Folate treatment partially reverses gestational low-protein dietâ€“induced glucose intolerance and the magnitude of reversal is age and sex dependent. Nutrition, 2018, 49, 81-89. | 2.4 | 4 |
| 138 | Maternal low protein diet and fetal programming of lean type 2 diabetes. World Journal of Diabetes, 2022, 13, 185-202. | 3.5 | 4 |
| 139 | Rat GST 8-8 is expressed predominantly in myeloid origin cells infiltrating the gravid uterus. International Journal of Biochemistry and Cell Biology, 1997, 29, 807-813. | 2.8 | 3 |
| 140 | Cyclic AMP-Independent CGRP<sub>8â€“37</sub>-Sensitive Receptors Mediate Adrenomedullin-Induced Decrease of CaCl<sub>2</sub>-Contraction in Pregnant Rat Mesenteric Artery. Journal of Vascular Research, 2008, 45, 33-44. | 1.4 | 3 |
| 141 | A Low-Protein Diet Enhances Angiotensin II Production in the Lung of Pregnant Rats but Not Nonpregnant Rats. Journal of Pregnancy, 2016, 2016, 1-11. | 2.4 | 3 |
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