Jay Sharan Mishra

List of Publications by Year
in descending order

30	943	471509 17	477307 29
papers	citations	h-index	g-index

30	30	30	1317
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Gestational Intermittent Hypoxia Induces Sex-Specific Impairment in Endothelial Mechanisms and Sex Steroid Hormone Levels in Male Rat Offspring. Reproductive Sciences, 2022, 29, 1531-1541.	2.5	10
2	Hyperandrogenism diminishes maternal-fetal fatty acid transport by increasing FABP 4-mediated placental lipid accumulation. Biology of Reproduction, 2022, , .	2.7	6
3	AT2R activation increases in vitro angiogenesis in pregnant human uterine artery endothelial cells. PLoS ONE, 2022, 17, e0267826.	2.5	4
4	Activation of angiotensin type 2 receptor attenuates testosterone-induced hypertension and uterine vascular resistance in pregnant rats. Biology of Reproduction, 2021, 105, 192-203.	2.7	9
5	Perfluorooctane sulfonic acid (PFOS) exposure during pregnancy increases blood pressure and impairs vascular relaxation mechanisms in the adult offspring. Reproductive Toxicology, 2020, 98, 165-173.	2.9	11
6	Testosterone Decreases Placental Mitochondrial Content and Cellular Bioenergetics. Biology, 2020, 9, 176.	2.8	9
7	Hypoxia-induced small extracellular vesicle proteins regulate proinflammatory cytokines and systemic blood pressure in pregnant rats. Clinical Science, 2020, 134, 593-607.	4.3	18
8	Elevated Glucose and Insulin Levels Decrease DHA Transfer across Human Trophoblasts via SIRT1-Dependent Mechanism. Nutrients, 2020, 12, 1271.	4.1	14
9	Testosterone plays a permissive role in angiotensin II-induced hypertension and cardiac hypertrophy in male ratsâ€. Biology of Reproduction, 2019, 100, 139-148.	2.7	38
10	Estrogen Receptor-Î² Mediates Estradiol-Induced Pregnancy-Specific Uterine Artery Endothelial Cell Angiotensin Type-2 Receptor Expression. Hypertension, 2019, 74, 967-974.	2.7	19
11	Elevated androgen levels induce hyperinsulinemia through increase in Ins1 transcription in pancreatic beta cells in female ratsâ€. Biology of Reproduction, 2018, 98, 520-531.	2.7	30
12	Androgens in maternal vascular and placental function: implications for preeclampsia pathogenesis. Reproduction, 2018, 156, R155-R167.	2.6	71
13	Pregnancy upregulates angiotensin type 2 receptor expression and increases blood flow in uterine arteries of ratsâ€. Biology of Reproduction, 2018, 99, 1091-1099.	2.7	27
14	Hyperandrogenemia reduces endothelium-derived hyperpolarizing factor-mediated relaxation in mesenteric artery of female ratsâ€. Biology of Reproduction, 2017, 96, 1221-1230.	2.7	8
15	Prenatal Testosterone Exposure Decreases Aldosterone Production but Maintains Normal Plasma Volume and Increases Blood Pressure in Adult Female Rats. Biology of Reproduction, 2016, 95, 42-42.	2.7	14
16	Testosterone downregulates angiotensin II type-2 receptor via androgen receptor-mediated ERK1/2 MAP kinase pathway in rat aorta. JRAAS - Journal of the Renin-Angiotensin-Aldosterone System, 2016, 17, 147032031667487.	1.7	46
17	Elevated Testosterone Reduces Uterine Blood Flow, Spiral Artery Elongation, and Placental Oxygenation in Pregnant Rats. Hypertension, 2016, 67, 630-639.	2.7	61
18	Prenatal Testosterone Exposure Leads to Gonadal Hormone-Dependent Hyperinsulinemia and Gonadal Hormone-Independent Glucose Intolerance in Adult Male Rat Offspring1. Biology of Reproduction, 2016, 94, 5.	2.7	22

#	Article	IF	Citations
19	Pathophysiological Mechanism of Bone Loss in Type 2 Diabetes Involves Inverse Regulation of Osteoblast Function by PGC-1Î± and Skeletal Muscle Atrogenes: AdipoR1 as a Potential Target for Reversing Diabetes-Induced Osteopenia. Diabetes, 2015, 64, 2609-2623.	0.6	54
20	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
21	Synthetic FXR Agonist GW4064 Is a Modulator of Multiple G Proteinâ€“Coupled Receptors. Molecular Endocrinology, 2014, 28, 659-673.	3.7	22
22	Orally Active Osteoanabolic Agent GTDF Binds to Adiponectin Receptors, With a Preference for AdipoR1, Induces Adiponectin-Associated Signaling, and Improves Metabolic Health in a Rodent Model of Diabetes. Diabetes, 2014, 63, 3530-3544.	0.6	33
23	A novel flavonoid C-glucoside from Ulmus wallichiana preserves bone mineral density, microarchitecture and biomechanical properties in the presence of glucocorticoid by promoting osteoblast survival: A comparative study with human parathyroid hormone. Phytomedicine, 2013, 20, 1256-1266.	5.3	22
24	A naturally occurring naringenin derivative exerts potent bone anabolic effects by mimicking oestrogen action on osteoblasts. British Journal of Pharmacology, 2012, 165, 1526-1542.	5.4	45
25	Medicarpin, a legume phytoalexin, stimulates osteoblast differentiation and promotes peak bone mass achievement in rats: evidence for estrogen receptor Î²-mediated osteogenic action of medicarpin. Journal of Nutritional Biochemistry, 2012, 23, 27-38.	4.2	59
26	Bile Acid Receptor Agonist GW4064 Regulates PPARÎ³ Coactivator-1Î± Expression Through Estrogen Receptor-Related Receptor Î±. Molecular Endocrinology, 2011, 25, 922-932.	3.7	30
27	Differential effects of formononetin and cladrin on osteoblast function, peak bone mass achievement and bioavailability in rats. Journal of Nutritional Biochemistry, 2011, 22, 318-327.	4.2	69
28	A novel quercetin analogue from a medicinal plant promotes peak bone mass achievement and bone healing after injury and exerts an anabolic effect on osteoporotic bone: The role of aryl hydrocarbon receptor as a mediator of osteogenic action. Journal of Bone and Mineral Research, 2011, 26, 2096-2111.	2.8	95
29	Methoxylated isoflavones, cajanin and isoformononetin, have nonâ€estrogenic bone forming effect via differential mitogen activated protein kinase (MAPK) signaling. Journal of Cellular Biochemistry, 2009, 108, 388-399.	2.6	85
30	Maternal PFOS exposure during rat pregnancy causes hypersensitivity to angiotensin II and attenuation of endothelium-dependent vasodilation in the uterine arteries. Biology of Reproduction, 0, , .	2.7	2