Sathish Kumar

List of Publications by Citations

19 papers	219 citations	10 h-index	14 g-index
21 ext. papers	295 ext. citations	4.3 avg, IF	3.73 L-index

#	Paper	IF	Citations
19	Androgens in maternal vascular and placental function: implications for preeclampsia pathogenesis. *Reproduction*, **2018**, 156, R155-R167	3.8	43
18	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,	3	35
17	Testosterone plays a permissive role in angiotensin II-induced hypertension and cardiac hypertrophy in male rats. *Biology of Reproduction*, **2019**, 100, 139-148	3.9	23
16	Elevated androgen levels induce hyperinsulinemia through increase in Ins1 transcription in pancreatic beta cells in female rats. *Biology of Reproduction*, **2018**, 98, 520-531	3.9	18
15	Pregnancy upregulates angiotensin type 2 receptor expression and increases blood flow in uterine arteries of rats. *Biology of Reproduction*, **2018**, 99, 1091-1099	3.9	18
14	Molecular Targets of Aspirin and Prevention of Preeclampsia and Their Potential Association with Circulating Extracellular Vesicles during Pregnancy. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	13
13	Estrogen Receptor-Mediates Estradiol-Induced Pregnancy-Specific Uterine Artery Endothelial Cell Angiotensin Type-2 Receptor Expression. *Hypertension*, **2019**, 74, 967-974	8.5	12
12	Postnatal Cardiovascular Consequences in the Offspring of Pregnant Rats Exposed to Smoking and Smoking Cessation Pharmacotherapies. *Reproductive Sciences*, **2017**, 24, 919-933	3	10
11	Hypoxia-induced small extracellular vesicle proteins regulate proinflammatory cytokines and systemic blood pressure in pregnant rats. *Clinical Science*, **2020**, 134, 593-607	6.5	10
10	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	3.9	10
9	Gestational Protein Restriction Impairs Glucose Disposal in the Gastrocnemius Muscles of Female Rats. *Endocrinology*, **2017**, 158, 756-767	4.8	8
8	Elevated Glucose and Insulin Levels Decrease DHA Transfer across Human Trophoblasts via SIRT1-Dependent Mechanism. *Nutrients*, **2020**, 12,	6.7	5
7	Hyperandrogenemia reduces endothelium-derived hyperpolarizing factor-mediated relaxation in mesenteric artery of female rats. *Biology of Reproduction*, **2017**, 96, 1221-1230	3.9	4
6	Testosterone Decreases Placental Mitochondrial Content and Cellular Bioenergetics. *Biology*, **2020**, 9,	4.9	4
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	3.4	2
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	3.9	2
3	Whole-Genome Uterine Artery Transcriptome Profiling and Alternative Splicing Analysis in Rat Pregnancy. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	1

List of Publications

2	Gestational Intermittent Hypoxia Induces Sex-Specific Impairment in Endothelial Mechanisms and Sex Steroid Hormone Levels in Male Rat Offspring. *Reproductive Sciences*, **2021**, 1	3	1
1	AT2R activation increases in vitro angiogenesis in pregnant human uterine artery endothelial cells.. *PLoS ONE*, **2022**, 17, e0267826	3.7	0