

Sathish Kumar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	AT2R activation increases in vitro angiogenesis in pregnant human uterine artery endothelial cells.. <i>PLoS ONE</i> , 2022 , 17, e0267826	3.7	0
18	Activation of angiotensin type 2 receptor attenuates testosterone-induced hypertension and uterine vascular resistance in pregnant rats <i>Biology of Reproduction</i> , 2021 , 105, 192-203	3.9	2
17	Gestational Intermittent Hypoxia Induces Sex-Specific Impairment in Endothelial Mechanisms and Sex Steroid Hormone Levels in Male Rat Offspring. <i>Reproductive Sciences</i> , 2021 , 1	3	1
16	Whole-Genome Uterine Artery Transcriptome Profiling and Alternative Splicing Analysis in Rat Pregnancy. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	1
15	Elevated Glucose and Insulin Levels Decrease DHA Transfer across Human Trophoblasts via SIRT1-Dependent Mechanism. <i>Nutrients</i> , 2020 , 12,	6.7	5
14	Hypoxia-induced small extracellular vesicle proteins regulate proinflammatory cytokines and systemic blood pressure in pregnant rats. <i>Clinical Science</i> , 2020 , 134, 593-607	6.5	10
13	Perfluorooctane sulfonic acid (PFOS) exposure during pregnancy increases blood pressure and impairs vascular relaxation mechanisms in the adult offspring. <i>Reproductive Toxicology</i> , 2020 , 98, 165-173 ^{3,4}	3.4	2
12	Testosterone Decreases Placental Mitochondrial Content and Cellular Bioenergetics. <i>Biology</i> , 2020 , 9,	4.9	4
11	Molecular Targets of Aspirin and Prevention of Preeclampsia and Their Potential Association with Circulating Extracellular Vesicles during Pregnancy. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	13
10	Testosterone plays a permissive role in angiotensin II-induced hypertension and cardiac hypertrophy in male rats. <i>Biology of Reproduction</i> , 2019 , 100, 139-148	3.9	23
9	Estrogen Receptor- β Mediates Estradiol-Induced Pregnancy-Specific Uterine Artery Endothelial Cell Angiotensin Type-2 Receptor Expression. <i>Hypertension</i> , 2019 , 74, 967-974	8.5	12
8	Elevated androgen levels induce hyperinsulinemia through increase in Ins1 transcription in pancreatic beta cells in female rats. <i>Biology of Reproduction</i> , 2018 , 98, 520-531	3.9	18
7	Pregnancy upregulates angiotensin type 2 receptor expression and increases blood flow in uterine arteries of rats. <i>Biology of Reproduction</i> , 2018 , 99, 1091-1099	3.9	18
6	Androgens in maternal vascular and placental function: implications for preeclampsia pathogenesis. <i>Reproduction</i> , 2018 , 156, R155-R167	3.8	43
5	Gestational Protein Restriction Impairs Glucose Disposal in the Gastrocnemius Muscles of Female Rats. <i>Endocrinology</i> , 2017 , 158, 756-767	4.8	8
4	Hyperandrogenemia reduces endothelium-derived hyperpolarizing factor-mediated relaxation in mesenteric artery of female rats. <i>Biology of Reproduction</i> , 2017 , 96, 1221-1230	3.9	4
3	Postnatal Cardiovascular Consequences in the Offspring of Pregnant Rats Exposed to Smoking and Smoking Cessation Pharmacotherapies. <i>Reproductive Sciences</i> , 2017 , 24, 919-933	3	10

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| 2 | Testosterone downregulates angiotensin II type-2 receptor via androgen receptor-mediated ERK1/2 MAP kinase pathway in rat aorta. <i>JRAAS - Journal of the Renin-Angiotensin-Aldosterone System</i> , 2016 , 17, | 3 | 35 |
| 1 | Prenatal Testosterone Exposure Decreases Aldosterone Production but Maintains Normal Plasma Volume and Increases Blood Pressure in Adult Female Rats. <i>Biology of Reproduction</i> , 2016 , 95, 42 | 3-9 | 10 |