

# Shanthi Ganesan

## List of Publications by Year in descending order

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20  
papers

495  
citations

623734

14  
h-index

752698

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g-index

20  
all docs

20  
docs citations

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times ranked

634  
citing authors

#	ARTICLE	IF	CITATIONS
1	Progressive Obesity Alters Ovarian Folliculogenesis with Impacts on Pro-Inflammatory and Steroidogenic Signaling in Female Mice <sup>1</sup> . <i>Biology of Reproduction</i> , 2014, 91, 86.	2.7	59
2	Bisphenol A-Induced Ovotoxicity Involves DNA Damage Induction to Which the Ovary Mounts a Protective Response Indicated by Increased Expression of Proteins Involved in DNA Repair and Xenobiotic Biotransformation. <i>Toxicological Sciences</i> , 2016, 152, 169-180.	3.1	52
3	Twelve hours of heat stress induces inflammatory signaling in porcine skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R1288-R1296.	1.8	40
4	Acute heat stress activated inflammatory signaling in porcine oxidative skeletal muscle. <i>Physiological Reports</i> , 2017, 5, e13397.	1.7	36
5	Phosphoramidate mustard exposure induces DNA adduct formation and the DNA damage repair response in rat ovarian granulosa cells. <i>Toxicology and Applied Pharmacology</i> , 2015, 282, 252-258.	2.8	35
6	The ovarian DNA damage repair response is induced prior to phosphoramidate mustard-induced follicle depletion, and ataxia telangiectasia mutated inhibition prevents PM-induced follicle depletion. <i>Toxicology and Applied Pharmacology</i> , 2016, 292, 65-74.	2.8	29
7	Short-term heat stress results in increased apoptotic signaling and autophagy in oxidative skeletal muscle in <i>Sus scrofa</i> . <i>Journal of Thermal Biology</i> , 2018, 72, 73-80.	2.5	28
8	Impact of Obesity on Ovotoxicity Induced by 7,12-dimethylbenz[a]anthracene in Mice <sup>1</sup> . <i>Biology of Reproduction</i> , 2014, 90, 68.	2.7	24
9	Heat stress causes dysfunctional autophagy in oxidative skeletal muscle. <i>Physiological Reports</i> , 2017, 5, e13317.	1.7	24
10	Short-term heat stress alters redox balance in porcine skeletal muscle. <i>Physiological Reports</i> , 2017, 5, e13267.	1.7	23
11	Enhanced susceptibility of ovaries from obese mice to 7,12-dimethylbenz[a]anthracene-induced DNA damage. <i>Toxicology and Applied Pharmacology</i> , 2014, 281, 203-210.	2.8	19
12	7,12-Dimethylbenz[a]anthracene exposure induces the DNA repair response in neonatal rat ovaries. <i>Toxicology and Applied Pharmacology</i> , 2013, 272, 690-696.	2.8	18
13	Ovarian mitochondrial and oxidative stress proteins are altered by glyphosate exposure in mice. <i>Toxicology and Applied Pharmacology</i> , 2020, 402, 115116.	2.8	18
14	Prolonged environment-induced hyperthermia alters autophagy in oxidative skeletal muscle in <i>Sus scrofa</i> . <i>Journal of Thermal Biology</i> , 2018, 74, 160-169.	2.5	17
15	Obesity alters phosphoramidate mustard-induced ovarian DNA repair in mice <sup>1</sup> . <i>Biology of Reproduction</i> , 2017, 96, 491-501.	2.7	15
16	Progressive obesity alters ovarian insulin, phosphatidylinositol-3 kinase, and chemical metabolism signaling pathways and potentiates ovotoxicity induced by phosphoramidate mustard in mice <sup>1</sup> . <i>Biology of Reproduction</i> , 2017, 96, 478-490.	2.7	14
17	Impact of 7,12-dimethylbenz[a]anthracene exposure on connexin gap junction proteins in cultured rat ovaries. <i>Toxicology and Applied Pharmacology</i> , 2014, 274, 209-214.	2.8	13
18	Impact of obesity on 7,12-dimethylbenz[a]anthracene-induced altered ovarian connexin gap junction proteins in female mice. <i>Toxicology and Applied Pharmacology</i> , 2015, 282, 1-8.	2.8	13

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19	Developmental origins of ovarian disorder: impact of maternal lean gestational diabetes on the offspring ovarian proteome in mice. <i>Biology of Reproduction</i> , 2019, 101, 771-781.	2.7	12
20	Impact of toxicant exposures on ovarian gap junctions. <i>Reproductive Toxicology</i> , 2018, 81, 140-146.	2.9	6