

Mingju Cao

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

292
citations

1040056

9
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	Vagus Nerve Stimulation for Treatment of Inflammation: Systematic Review of Animal Models and Clinical Studies. <i>Bioelectronic Medicine</i> , 2016, 3, 1-6.	2.3	49
2	Decreased neuroinflammation correlates to higher vagus nerve activity fluctuations in near-term ovine fetuses: a case for the afferent cholinergic anti-inflammatory pathway?. <i>Journal of Neuroinflammation</i> , 2016, 13, 103.	7.2	49
3	Fetal microglial phenotype in vitro carries memory of prior in vivo exposure to inflammation. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 294.	3.7	43
4	Î±7 nicotinic acetylcholine receptor signaling modulates the inflammatory phenotype of fetal brain microglia: first evidence of interference by iron homeostasis. <i>Scientific Reports</i> , 2017, 7, 10645.	3.3	24
5	Temporal Patterns in Sheep Fetal Heart Rate Variability Correlate to Systemic Cytokine Inflammatory Response: A Methodological Exploration of Monitoring Potential Using Complex Signals Bioinformatics. <i>PLoS ONE</i> , 2016, 11, e0153515.	2.5	23
6	Adaptive shut-down of EEG activity predicts critical acidemia in the near-term ovine fetus. <i>Physiological Reports</i> , 2015, 3, e12435.	1.7	19
7	Î±7 Nicotinic Acetylcholine Receptor Signaling Modulates Ovine Fetal Brain Astrocytes Transcriptome in Response to Endotoxin. <i>Frontiers in Immunology</i> , 2019, 10, 1063.	4.8	18
8	Vagus Nerve Stimulation for Treatment of Inflammation: Systematic Review of Animal Models and Clinical Studies. <i>Bioelectronic Medicine</i> , 2016, 3, 1-6.	2.3	13
9	RNAseq profiling of primary microglia and astrocyte cultures in near-term ovine fetus: A glial in vivo-in vitro multi-hit paradigm in large mammalian brain. <i>Journal of Neuroscience Methods</i> , 2017, 276, 23-32.	2.5	11
10	Sculpting the Sculptors: Methods for Studying the Fetal Cholinergic Signaling on Systems and Cellular Scales. <i>Methods in Molecular Biology</i> , 2018, 1781, 341-352.	0.9	9
11	Localization of cytomegalovirus DNA in plastic-embedded sections by in situ hybridization. A methodologic study. <i>American Journal of Pathology</i> , 1989, 134, 457-63.	3.8	9
12	The Ovine Fetal and Placental Inflammatory Response to Umbilical Cord Occlusions With Worsening Acidosis. <i>Reproductive Sciences</i> , 2015, 22, 1409-1420.	2.5	8
13	Recording and manipulation of vagus nerve electrical activity in chronically instrumented unanesthetized near term fetal sheep. <i>Journal of Neuroscience Methods</i> , 2021, 360, 109257.	2.5	6
14	The role of EGFR MAbs C225 in breast cancer stem cells. <i>Journal of Clinical Oncology</i> , 2009, 27, e22093-e22093.	1.6	5
15	Effect of maternal ketoacidosis on the ovine fetus. <i>Canadian Veterinary Journal</i> , 2015, 56, 863-6.	0.0	3
16	ISDN2014_0340: <i>In vitro</i> pro-inflammatory phenotype of fetal brain microglia is potentiated by an <i>in vivo</i> pre-exposure to inflammation: A prospective study in ovine fetus near term. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 103-103.	1.6	1
17	Alleviation of streptozotocin-induced diabetes in nude mice by stem cells derived from human first trimester umbilical cord. <i>Genetics and Molecular Research</i> , 2015, 14, 12505-12519.	0.2	1
18	Neural signature of cerebral activity of the fetal cholinergic anti-inflammatory pathway derived from heart rate variability. <i>FASEB Journal</i> , 2013, 27, 926.11.	0.5	1