

Eileen I Chang

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

501
citations

687363

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h-index

713466

21
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times ranked

826
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#	ARTICLE	IF	CITATIONS
1	Fetal Sex Does Not Impact Placental Blood Flow or Placental Amino Acid Transfer in Late Gestation Pregnant Sheep With or Without Placental Insufficiency. <i>Reproductive Sciences</i> , 2022, 29, 1776-1789.	2.5	9
2	Lower citrate synthase activity, mitochondrial complex expression, and fewer oxidative myofibers characterize skeletal muscle from growth-restricted fetal sheep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2022, 322, R228-R240.	1.8	8
3	IGF-1 infusion to fetal sheep increases organ growth but not by stimulating nutrient transfer to the fetus. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E527-E538.	3.5	10
4	Reduced glucose-stimulated insulin secretion following a 1-wk IGF-1 infusion in late gestation fetal sheep is due to an intrinsic islet defect. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E1138-E1147.	3.5	5
5	A Two-Week Insulin Infusion in Intrauterine Growth Restricted Fetal Sheep at 75% Gestation Increases Skeletal Myoblast Replication but Did Not Restore Muscle Mass or Increase Fiber Number. <i>Frontiers in Endocrinology</i> , 2021, 12, 785242.	3.5	1
6	Coronary vascular growth matches IGF-1-stimulated cardiac growth in fetal sheep. <i>FASEB Journal</i> , 2020, 34, 10041-10055.	0.5	7
7	Rates of myogenesis and myofiber numbers are reduced in late gestation IUGR fetal sheep. <i>Journal of Endocrinology</i> , 2020, 244, 339-352.	2.6	15
8	Skeletal muscle amino acid uptake is lower and alanine production is greater in late gestation intrauterine growth-restricted fetal sheep hindlimb. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2019, 317, R615-R629.	1.8	22
9	Ketamine Reduces Inflammation Pathways in the Hypothalamus and Hippocampus Following Transient Hypoxia in the Late-Gestation Fetal Sheep. <i>Frontiers in Physiology</i> , 2019, 9, 1858.	2.8	12
10	A 1-week IGF-1 infusion decreases arterial insulin concentrations but increases pancreatic insulin content and islet vascularity in fetal sheep. <i>Physiological Reports</i> , 2018, 6, e13840.	1.7	6
11	Effects of ketamine on the fetal transcriptomic response to umbilical cord occlusion: comparison with hypoxic hypoxia in the cerebral cortex. <i>Journal of Physiology</i> , 2018, 596, 6063-6077.	2.9	3
12	Post-hypoxia Invasion of the fetal brain by multidrug resistant Staphylococcus. <i>Scientific Reports</i> , 2017, 7, 6458.	3.3	17
13	Ketamine decreases inflammatory and immune pathways after transient hypoxia in late gestation fetal cerebral cortex. <i>Physiological Reports</i> , 2016, 4, e12741.	1.7	23
14	Ketamine suppresses hypoxia-induced inflammatory responses in the late-gestation ovine fetal kidney cortex. <i>Journal of Physiology</i> , 2016, 594, 1295-1310.	2.9	23
15	Genomic Effect of Triclosan on the Fetal Hypothalamus: Evidence for Altered Neuropeptide Regulation. <i>Endocrinology</i> , 2016, 157, 2686-2697.	2.8	15
16	Ketamine modulates fetal hemodynamic and endocrine responses to umbilical cord occlusion. <i>Physiological Reports</i> , 2016, 4, e12962.	1.7	7
17	Transcriptomics Modeling of the Late-Gestation Fetal Pituitary Response to Transient Hypoxia. <i>PLoS ONE</i> , 2016, 11, e0148465.	2.5	6
18	Ketamine Attenuates the ACTH Response to Hypoxia in Late-Gestation Ovine Fetus. <i>Neonatology</i> , 2015, 107, 249-255.	2.0	11

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19	A Mouse Model of Human Congenital Heart Disease. <i>Circulation: Cardiovascular Genetics</i> , 2014, 7, 423-433.	5.1	46
20	Transcriptomics of the fetal hypothalamic response to brachiocephalic occlusion and estradiol treatment. <i>Physiological Genomics</i> , 2014, 46, 523-532.	2.3	12
21	Genomics of the fetal hypothalamic cellular response to transient hypoxia: endocrine, immune, and metabolic responses. <i>Physiological Genomics</i> , 2013, 45, 521-527.	2.3	29
22	A systems biology analysis of the genomics of probenecid action in the late gestation ovine fetal pituitary. <i>FASEB Journal</i> , 2013, 27, 1212.14.	0.5	0
23	Myosin Light Chain Phosphorylation Is Critical for Adaptation to Cardiac Stress. <i>Circulation</i> , 2012, 126, 2575-2588.	1.6	87
24	Hypothalamic Global Gene Expression in Response to Hypoxia in Late-Gestation Fetal Sheep. <i>FASEB Journal</i> , 2012, 26, 699.3.	0.5	0
25	Differential matrix metalloproteinase levels in adenocarcinoma and squamous cell carcinoma of the lung. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 139, 984-990.	0.8	36
26	Cellular phenotype transformation occurs during thoracic aortic aneurysm development. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010, 140, 653-659.	0.8	26
27	Long-Term Localized High-Frequency Electric Stimulation Within the Myocardial Infarct. <i>Circulation</i> , 2010, 122, 20-32.	1.6	17
28	Short-term disruption in regional left ventricular electrical conduction patterns increases interstitial matrix metalloproteinase activity. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H217-H224.	3.2	4
29	Cardiac-restricted overexpression of extracellular matrix metalloproteinase inducer causes myocardial remodeling and dysfunction in aging mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H1394-H1402.	3.2	30
30	Chemical complementation: small-molecule-based genetic selection in yeast. <i>Biochemical and Biophysical Research Communications</i> , 2003, 306, 774-780.	2.1	14