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List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

755
citations

516710

16
h-index

610901

24
g-index

53
all docs

53
docs citations

53
times ranked

855
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel surgical toxicological-free model of diaphragmatic hernia in fetal rats. <i>Pediatric Research</i> , 2022, 92, 118-124.	2.3	4
2	Betamethasone phosphate reduces the efficacy of antenatal steroid therapy and is associated with lower birthweights when administered to pregnant sheep in combination with betamethasone acetate. <i>American Journal of Obstetrics and Gynecology</i> , 2022, 226, 564.e1-564.e14.	1.3	12
3	Comparative Effects of Bone Marrow-derived Versus Umbilical Cord Tissue Mesenchymal Stem Cells in an Experimental Model of Bronchopulmonary Dysplasia. <i>Stem Cells Translational Medicine</i> , 2022, 11, 189-199.	3.3	9
4	Continuous but not pulsed low-dose fetal betamethasone exposures extend the durability of antenatal steroid therapy. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 322, L784-L793.	2.9	2
5	Mesenchymal Stem Cell-derived Extracellular Vesicles Prevent Experimental Bronchopulmonary Dysplasia Complicated By Pulmonary Hypertension. <i>Stem Cells Translational Medicine</i> , 2022, 11, 828-840.	3.3	13
6	Antenatal corticosteroids: a reappraisal of the drug formulation and dose. <i>Pediatric Research</i> , 2021, 89, 318-325.	2.3	34
7	Hyperoxia-activated circulating extracellular vesicles induce lung and brain injury in neonatal rats. <i>Scientific Reports</i> , 2021, 11, 8791.	3.3	13
8	Chapter for antenatal steroids â€“ Treatment drift for a potent therapy with unknown long-term safety seminars in fetal and neonatal medicine. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021, 26, 101231.	2.3	4
9	Surfactant-Assisted Distal Pulmonary Distribution of Budesonide Revealed by Mass Spectrometry Imaging. <i>Pharmaceutics</i> , 2021, 13, 868.	4.5	0
10	Honeymoon Period in Newborn Rats With CDH Is Associated With Changes in the VEGF Signaling Pathway. <i>Frontiers in Pediatrics</i> , 2021, 9, 698217.	1.9	3
11	Circulating extracellular vesicles activate the pyroptosis pathway in the brain following ventilation-induced lung injury. <i>Journal of Neuroinflammation</i> , 2021, 18, 310.	7.2	13
12	The duration of fetal antenatal steroid exposure determines the durability of preterm ovine lung maturation. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 222, 183.e1-183.e9.	1.3	19
13	Surfactant plus budesonide decreases lung and systemic responses to injurious ventilation in preterm sheep. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 318, L41-L48.	2.9	19
14	Soluble Klotho, a biomarker and therapeutic strategy to reduce bronchopulmonary dysplasia and pulmonary hypertension in preterm infants. <i>Scientific Reports</i> , 2020, 10, 12368.	3.3	22
15	Variability in the efficacy of a standardized antenatal steroid treatment was independent of maternal or fetal plasma drug levels: evidence from a sheep model of pregnancy. <i>American Journal of Obstetrics and Gynecology</i> , 2020, 223, 921.e1-921.e10.	1.3	12
16	Dose of budesonide with surfactant affects lung and systemic inflammation after normal and injurious ventilation in preterm lambs. <i>Pediatric Research</i> , 2020, 88, 726-732.	2.3	12
17	50 Years Ago in T J P. <i>Journal of Pediatrics</i> , 2020, 217, 19.	1.8	0
18	Neonatal hyperoxia exposure induces aortic biomechanical alterations and cardiac dysfunction in juvenile rats. <i>Physiological Reports</i> , 2020, 8, e14334.	1.7	13

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19	Prenatal inflammation enhances antenatal corticosteroid-induced fetal lung maturation. JCI Insight, 2020, 5, .	5.0	13
20	Mass spectrometry imaging as a tool for evaluating the pulmonary distribution of exogenous surfactant in premature lambs. Respiratory Research, 2019, 20, 175.	3.6	8
21	Oral antenatal corticosteroids evaluated in fetal sheep. Pediatric Research, 2019, 86, 589-594.	2.3	15
22	Oral dosing for antenatal corticosteroids in the Rhesus macaque. PLoS ONE, 2019, 14, e0222817.	2.5	13
23	Dosing and formulation of antenatal corticosteroids for fetal lung maturation and gene expression in rhesus macaques. Scientific Reports, 2019, 9, 9039.	3.3	31
24	Optimizing antenatal corticosteroid therapy. Seminars in Fetal and Neonatal Medicine, 2019, 24, 176-181.	2.3	31
25	Surfactant plus budesonide decreases lung and systemic inflammation in mechanically ventilated preterm sheep. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2019, 316, L888-L893.	2.9	31
26	Low-dose betamethasone-acetate for fetal lung maturation in preterm sheep. American Journal of Obstetrics and Gynecology, 2018, 218, 132.e1-132.e9.	1.3	50
27	The efficacy of antenatal steroid therapy is dependent on the duration of low-concentration fetal exposure: evidence from a sheep model of pregnancy. American Journal of Obstetrics and Gynecology, 2018, 219, 301.e1-301.e16.	1.3	40
28	Effects of budesonide and surfactant in preterm fetal sheep. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 315, L193-L201.	2.9	30
29	Antenatal dexamethasone vs. betamethasone dosing for lung maturation in fetal sheep. Pediatric Research, 2017, 81, 496-503.	2.3	26
30	Intra-amniotic LPS causes acute neuroinflammation in preterm rhesus macaques. Journal of Neuroinflammation, 2016, 13, 238.	7.2	39
31	Intra-amniotic <i>Ureaplasma parvum</i> - Induced Maternal and Fetal Inflammation and Immune Responses in Rhesus Macaques. Journal of Infectious Diseases, 2016, 214, 1597-1604.	4.0	32
32	Ventilation causes pulmonary vascular dilation and modulates the NOS and VEGF pathway on newborn rats with CDH. Journal of Pediatric Surgery, 2015, 50, 842-848.	1.6	6
33	Treatment of bowel in experimental gastroschisis with a nitric oxide donor. American Journal of Obstetrics and Gynecology, 2015, 212, 383.e1-383.e7.	1.3	13
34	VEGF receptor expression decreases during lung development in congenital diaphragmatic hernia induced by nitrofen. Brazilian Journal of Medical and Biological Research, 2014, 47, 171-178.	1.5	21
35	Intra-amniotic LPS modulates expression of antimicrobial peptides in the fetal sheep lung. Pediatric Research, 2014, 76, 441-447.	2.3	6
36	Increased contractility and impaired relaxation of the left pulmonary artery in a rabbit model of congenital diaphragmatic hernia. Pediatric Surgery International, 2013, 29, 489-494.	1.4	15

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37	Evaluation of histological changes after tracheal occlusion at different gestational ages in a fetal rat model. <i>Clinics</i> , 2013, 68, 59-63.	1.5	2
38	Monitoring intravesical pressure during gastroschisis closure. Does it help to decide between delayed primary or staged closure?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 1438-1441.	1.5	7
39	Prenatal retinoic acid improves lung vascularization and VEGF expression in CDH rat. <i>American Journal of Obstetrics and Gynecology</i> , 2012, 207, 76.e25-76.e32.	1.3	30
40	Does staged closure have a worse prognosis in gastroschisis?. <i>Clinics</i> , 2011, 66, 563-566.	1.5	6
41	Evolution of critically ill patients with gastroschisis from three tertiary centers. <i>Clinics</i> , 2011, 66, 17-20.	1.5	20
42	The Ideal Timing for Experimental Cleft Lip Creation. <i>Cleft Palate-Craniofacial Journal</i> , 2011, 48, 38-43.	0.9	2
43	The cholinergic response is increased in isolated ileum from gastroschisis rat model. <i>Pediatric Surgery International</i> , 2011, 27, 1015-1019.	1.4	5
44	Evaluation of Nitric Oxide (NO) and Nitric Oxide Synthases (NOS) in the Amniotic Fluid in an Experimental Gastroschisis Rat Model. <i>European Journal of Pediatric Surgery</i> , 2011, 21, 362-365.	1.3	4
45	Antenatal steroid and tracheal occlusion restore vascular endothelial growth factor receptors in congenital diaphragmatic hernia rat model. <i>American Journal of Obstetrics and Gynecology</i> , 2010, 203, 184.e13-184.e20.	1.3	14
46	Inflammatory response in a rat model of gastroschisis is associated with an increase of NF-kappaB. <i>Brazilian Journal of Medical and Biological Research</i> , 2010, 43, 160-165.	1.5	10
47	Assessment of the Expression of IR β , IRS-1, IRS-2 and IGF-IR β in a Rat Model of Intrauterine Growth Restriction. <i>Fetal Diagnosis and Therapy</i> , 2010, 28, 145-152.	1.4	8
48	Hydrogel protection: a novel approach to reduce bowel inflammation in experimental gastroschisis. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2010, 148, 35-39.	1.1	12
49	The female condom as a temporary silo: A simple and inexpensive tool in the initial management of the newborn with gastroschisis. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2008, 21, 648-651.	1.5	8
50	Babies with brain damage who can not swallow: surgical management. <i>Arquivos De Neuro-Psiquiatria</i> , 2008, 66, 641-645.	0.8	3