

Kathryn N Farrow

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,485
citations

331259

21
h-index

315357

38
g-index

40
all docs

40
docs citations

40
times ranked

1385
citing authors

#	ARTICLE	IF	CITATIONS
1	Early low-dose hydrocortisone: is the neurodevelopment affected?. <i>Journal of Perinatology</i> , 2018, 38, 636-638.	0.9	5
2	Intrauterine Growth Restriction and Hyperoxia as a Cause of White Matter Injury. <i>Developmental Neuroscience</i> , 2018, 40, 344-357.	1.0	15
3	A Role for cAMP and Protein Kinase A in Experimental Necrotizing Enterocolitis. <i>American Journal of Pathology</i> , 2017, 187, 401-417.	1.9	17
4	Photoreceptor oxidative stress in hyperoxia-induced proliferative retinopathy accelerates rd8 degeneration. <i>PLoS ONE</i> , 2017, 12, e0180384.	1.1	12
5	Aberrant cGMP signaling persists during recovery in mice with oxygen-induced pulmonary hypertension. <i>PLoS ONE</i> , 2017, 12, e0180957.	1.1	11
6	Peripherally Inserted Central Catheters Complicated by Vascular Erosion in Neonates. <i>Journal of Parenteral and Enteral Nutrition</i> , 2016, 40, 890-895.	1.3	23
7	Dose-dependent effects of glucocorticoids on pulmonary vascular development in a murine model of hyperoxic lung injury. <i>Pediatric Research</i> , 2016, 79, 759-765.	1.1	4
8	Hyperoxia-Induced Proliferative Retinopathy: Early Interruption of Retinal Vascular Development with Severe and Irreversible Neurovascular Disruption. <i>PLoS ONE</i> , 2016, 11, e0166886.	1.1	22
9	Mouse lung development and NOX1 induction during hyperoxia are developmentally regulated and mitochondrial ROS dependent. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L369-L377.	1.3	59
10	SOD2 Activity Is not Impacted by Hyperoxia in Murine Neonatal Pulmonary Artery Smooth Muscle Cells and Mice. <i>International Journal of Molecular Sciences</i> , 2015, 16, 6373-6390.	1.8	10
11	Pulmonary Hypertension in Premature Infants. Sharpening the Tools of Detection. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 12-14.	2.5	17
12	Right ventricular cyclic nucleotide signaling is decreased in hyperoxia-induced pulmonary hypertension in neonatal mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H1575-H1582.	1.5	18
13	Disrupted Pulmonary Artery Cyclic Guanosine Monophosphate Signaling in Mice with Hyperoxia-Induced Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 369-378.	1.4	48
14	Postnatal Weight Gain in Preterm Infants with Severe Bronchopulmonary Dysplasia. <i>American Journal of Perinatology</i> , 2014, 31, 223-230.	0.6	35
15	Hydrocortisone Normalizes Phosphodiesterase ϵ 5 Activity in Pulmonary Artery Smooth Muscle Cells from Lambs with Persistent Pulmonary Hypertension of the Newborn. <i>Pulmonary Circulation</i> , 2014, 4, 71-81.	0.8	23
16	Sildenafil Attenuates Vaso-Obliteration and Neovascularization in a Mouse Model of Retinopathy of Prematurity. , 2014, 55, 1493.		9
17	Cord blood biomarkers of vascular endothelial growth (VEGF and sFlt-1) and postnatal growth: A preterm birth cohort study. <i>Early Human Development</i> , 2014, 90, 195-200.	0.8	28
18	Selective depletion of vascular EC-SOD augments chronic hypoxic pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 307, L868-L876.	1.3	38

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19	Developmental Regulation of Antioxidant Enzymes and Their Impact on Neonatal Lung Disease. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 1837-1848.	2.5	50
20	Isolation of Pulmonary Artery Smooth Muscle Cells from Neonatal Mice. <i>Journal of Visualized Experiments</i> , 2013, , e50889.	0.2	14
21	Cyclic Stretch Induces Inducible Nitric Oxide Synthase and Soluble Guanylate Cyclase in Pulmonary Artery Smooth Muscle Cells. <i>International Journal of Molecular Sciences</i> , 2013, 14, 4334-4348.	1.8	18
22	Cytomegalovirus Enterocolitis Mimicking Necrotizing Enterocolitis: Case Reports and Review of the Literature. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2013, 2, 71-75.	0.6	17
23	Hydrocortisone normalizes oxygenation and cGMP regulation in lambs with persistent pulmonary hypertension of the newborn. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L595-L603.	1.3	51
24	Brief Hyperoxia Increases Mitochondrial Oxidation and Increases Phosphodiesterase 5 Activity in Fetal Pulmonary Artery Smooth Muscle Cells. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 460-470.	2.5	60
25	Cord blood 8-isoprostane in the preterm infant. <i>Early Human Development</i> , 2012, 88, 683-689.	0.8	23
26	Apocynin improves oxygenation and increases eNOS in persistent pulmonary hypertension of the newborn. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L616-L626.	1.3	38
27	Phosphodiesterases: Emerging Therapeutic Targets for Neonatal Pulmonary Hypertension. <i>Handbook of Experimental Pharmacology</i> , 2011, , 251-277.	0.9	28
28	Mitochondrial oxidant stress increases PDE5 activity in persistent pulmonary hypertension of the newborn. <i>Respiratory Physiology and Neurobiology</i> , 2010, 174, 272-281.	0.7	72
29	SOD and inhaled nitric oxide normalize phosphodiesterase 5 expression and activity in neonatal lambs with persistent pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2010, 299, L109-L116.	1.3	63
30	Hypoxia Increases ROS Signaling and Cytosolic Ca ²⁺ in Pulmonary Artery Smooth Muscle Cells of Mouse Lungs Slices. <i>Antioxidants and Redox Signaling</i> , 2010, 12, 595-602.	2.5	70
31	Regulation of Phosphodiesterase 3 in the Pulmonary Arteries During the Perinatal Period in Sheep. <i>Pediatric Research</i> , 2009, 66, 682-687.	1.1	46
32	Milrinone enhances relaxation to prostacyclin and iloprost in pulmonary arteries isolated from lambs with persistent pulmonary hypertension of the newborn. <i>Pediatric Critical Care Medicine</i> , 2009, 10, 106-112.	0.2	83
33	Superoxide dismutase restores eNOS expression and function in resistance pulmonary arteries from neonatal lambs with persistent pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008, 295, L979-L987.	1.3	138
34	Hyperoxia Increases Phosphodiesterase 5 Expression and Activity in Ovine Fetal Pulmonary Artery Smooth Muscle Cells. <i>Circulation Research</i> , 2008, 102, 226-233.	2.0	141
35	Pulmonary Hypertension in the Neonate. <i>NeoReviews</i> , 2007, 8, e14-e21.	0.4	21
36	eNOS function is developmentally regulated: uncoupling of eNOS occurs postnatally. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2006, 290, L232-L241.	1.3	58

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37	The diseases treated with ECMO: Focus on PPHN. <i>Seminars in Perinatology</i> , 2005, 29, 8-14.	1.1	67
38	Structural and Functional Analysis of the Differential Effects of c-Jun and v-Jun on Prolactin Gene Expression. <i>Molecular Endocrinology</i> , 2004, 18, 2479-2490.	3.7	1
39	Transforming Growth Factor-beta1 Inhibits Rat Prolactin Promoter Activity in GH4Neuroendocrine Cells. <i>DNA and Cell Biology</i> , 1999, 18, 863-873.	0.9	10
40	The c-Jun δ -Domain Inhibits Neuroendocrine Promoter Activity in a DNA Sequence- and Pituitary-specific Manner. <i>Journal of Biological Chemistry</i> , 1996, 271, 17139-17146.	1.6	22