

Ru-Jeng Teng

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

5,669
citations

471371

17
h-index

345118

36
g-index

40
all docs

40
docs citations

40
times ranked

14548
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Role of autophagy in angiogenesis in aortic endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2012, 302, C383-C391.	2.1	151
3	Cross talk between NADPH oxidase and autophagy in pulmonary artery endothelial cells with intrauterine persistent pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 302, L651-L663.	1.3	72
4	Attenuation of endoplasmic reticulum stress by caffeine ameliorates hyperoxia-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 312, L586-L598.	1.3	72
5	Increased superoxide production contributes to the impaired angiogenesis of fetal pulmonary arteries with in utero pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 297, L184-L195.	1.3	62
6	Decreases in manganese superoxide dismutase expression and activity contribute to oxidative stress in persistent pulmonary hypertension of the newborn. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012, 303, L870-L879.	1.3	59
7	Decreased endothelial nitric oxide synthase expression and function contribute to impaired mitochondrial biogenesis and oxidative stress in fetal lambs with persistent pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 310, L40-L49.	1.3	50
8	AMP kinase activation improves angiogenesis in pulmonary artery endothelial cells with in utero pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 304, L29-L42.	1.3	46
9	Dynamic Phosphorylation of the C Terminus of Hsp70 Regulates the Mitochondrial Import of SOD2 and Redox Balance. <i>Cell Reports</i> , 2018, 25, 2605-2616.e7.	2.9	40
10	Sepiapterin improves angiogenesis of pulmonary artery endothelial cells with in utero pulmonary hypertension by recoupling endothelial nitric oxide synthase. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011, 301, L334-L345.	1.3	37
11	Granulocyte colony-stimulating factor in the cord blood of premature neonates born to mothers with pregnancy-induced hypertension. <i>Journal of Pediatrics</i> , 1999, 135, 56-59.	0.9	35
12	Persistent pulmonary hypertension of the newborn. <i>Journal of the Formosan Medical Association</i> , 2013, 112, 177-184.	0.8	29
13	Caffeine ameliorates hyperoxia-induced lung injury by protecting GCH1 function in neonatal rat pups. <i>Pediatric Research</i> , 2017, 82, 483-489.	1.1	27
14	Nogo β receptor deficiency increases liver X receptor alpha nuclear translocation and hepatic lipogenesis through an adenosine monophosphate α -activated protein kinase alpha α -dependent pathway. <i>Hepatology</i> , 2016, 64, 1559-1576.	3.6	26
15	Decreased OLA1 (Obg-Like ATPase-1) Expression Drives Ubiquitin-Proteasome Pathways to Downregulate Mitochondrial SOD2 (Superoxide Dismutase) in Persistent Pulmonary Hypertension of the Newborn. <i>Hypertension</i> , 2019, 74, 957-966.	1.3	23
16	Nitrotyrosine Impairs Angiogenesis and Uncouples eNOS Activity of Pulmonary Artery Endothelial Cells Isolated From Developing Sheep Lungs. <i>Pediatric Research</i> , 2011, 69, 112-117.	1.1	20
17	Altered prostanoid metabolism contributes to impaired angiogenesis in persistent pulmonary hypertension in a fetal lamb model. <i>Pediatric Research</i> , 2015, 77, 455-462.	1.1	19
18	Interaction of endothelial nitric oxide synthase with mitochondria regulates oxidative stress and function in fetal pulmonary artery endothelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L1009-L1017.	1.3	19

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19	AMP-Kinase Dysfunction Alters Notch Ligands to Impair Angiogenesis in Neonatal Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 719-731.	1.4	19
20	Decreased Urinary Epidermal Growth Factor in Children with Acute Renal Failure: Epidermal Growth Factor/Creatinine Ratio Not a Reliable Parameter for Urinary Epidermal Growth Factor Excretion. <i>Pediatric Research</i> , 1996, 39, 20-24.	1.1	17
21	Transfusion-related acute lung injury treated with surfactant in a neonate. <i>European Journal of Pediatrics</i> , 1996, 155, 589-591.	1.3	16
22	Nogo-B Receptor Modulates Angiogenesis Response of Pulmonary Artery Endothelial Cells Through eNOS Coupling. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 51, 169-177.	1.4	16
23	A Model to Study Antioxidant Regulation of Endotoxemia-Modulated Neonatal Granulopoiesis and Granulocyte Apoptosis. <i>Pediatric Research</i> , 2000, 48, 829-834.	1.1	15
24	Decreased AMP-activated protein kinase (AMPK) function and protective effect of metformin in neonatal rat pups exposed to hyperoxia lung injury. <i>Physiological Reports</i> , 2020, 8, e14587.	0.7	13
25	Rh-incompatible hemolytic disease of the newborn in Hefei. <i>World Journal of Clinical Cases</i> , 2019, 7, 3202-3207.	0.3	11
26	Nogo-B Receptor Modulates Pulmonary Artery Smooth Muscle Cell Function in Developing Lungs. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 892-900.	1.4	10
27	Impaired cerebral angiogenesis in the fetal lamb model of persistent pulmonary hypertension. <i>International Journal of Developmental Neuroscience</i> , 2014, 38, 113-118.	0.7	8
28	Nitrotyrosine impairs mitochondrial function in fetal lamb pulmonary artery endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C80-C88.	2.1	8
29	Altered hypoxia-inducible factor-1 \pm (HIF-1 \pm) signaling contributes to impaired angiogenesis in fetal lambs with persistent pulmonary hypertension of the newborn (PPHN). <i>Physiological Reports</i> , 2019, 7, e13986.	0.7	8
30	N-acetyl-lysyltyrosylcysteine amide, a novel systems pharmacology agent, reduces bronchopulmonary dysplasia in hyperoxic neonatal rat pups. <i>Free Radical Biology and Medicine</i> , 2021, 166, 73-89.	1.3	8
31	Decreased Cyclic Guanosine Monophosphate-Protein Kinase G Signaling Impairs Angiogenesis in a Lamb Model of Persistent Pulmonary Hypertension of the Newborn. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 65, 555-567.	1.4	8
32	Intestinal NADPH Oxidase 2 Activity Increases in a Neonatal Rat Model of Necrotizing Enterocolitis. <i>PLoS ONE</i> , 2014, 9, e115317.	1.1	7
33	Cord blood level of insulin-like growth factor-1 and IGF binding protein-3 in monozygotic twins. <i>Journal of the Formosan Medical Association</i> , 2015, 114, 359-362.	0.8	6
34	Jacobsen distal 11q deletion syndrome with a myelodysplastic change of hemopoietic cells. , 1998, 75, 341-344.		5
35	Oxidative Stress in Neonatal Lung Diseases. , 2019, , 51-84.		2
36	Autophagy and NADPH Oxidase Activity Tend to Regulate Angiogenesis in Pulmonary Artery Endothelial Cells with Pulmonary Hypertension. , 2014, , 305-314.		1

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37	Efficacy of recombinant human granulocyte colony stimulating factor in very-low-birth-weight infants with early neutropenia. <i>Journal of the Formosan Medical Association</i> , 2015, 114, 174-179.	0.8	1
38	Familial hemophagocytic lymphohistiocytosis type 2 in a female Chinese neonate: A case report and review of the literature. <i>World Journal of Clinical Cases</i> , 2021, 9, 6056-6066.	0.3	1
39	Transfusion-related acute lung injury treated with surfactant in a neonate. <i>European Journal of Pediatrics</i> , 1996, 155, 589-591.	1.3	1
40	Decreased PGCα1-α6 SIRT1 Signaling Leads to Impaired Angiogenesis in Persistent Pulmonary Hypertension of the Newborn (PPHN). <i>FASEB Journal</i> , 2015, 29, 662.5.	0.2	0