Ru-Jeng Teng

List of Publications by Year
in descending order

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	N-acetyl-lysyltyrosylcysteine amide, a novel systems pharmacology agent, reduces bronchopulmonary dysplasia in hyperoxic neonatal rat pups. Free Radical Biology and Medicine, 2021, 166, 73-89.	1.3	8
2	Decreased Cyclic Guanosine Monophosphateâ€"Protein Kinase G Signaling Impairs Angiogenesis in a Lamb Model of Persistent Pulmonary Hypertension of the Newborn. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 555-567.	1.4	8
3	Familial hemophagocytic lymphohistiocytosis type 2 in a female Chinese neonate: A case report and review of the literature. World Journal of Clinical Cases, 2021, 9, 6056-6066.	0.3	1
4	Decreased AMPâ€activated protein kinase (AMPK) function and protective effect of metformin in neonatal rat pups exposed to hyperoxia lung injury. Physiological Reports, 2020, 8, e14587.	0.7	13
5	AMP-Kinase Dysfunction Alters Notch Ligands to Impair Angiogenesis in Neonatal Pulmonary Hypertension. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 719-731.	1.4	19
6	Decreased OLA1 (Obg-Like ATPase-1) Expression Drives Ubiquitin-Proteasome Pathways to Downregulate Mitochondrial SOD2 (Superoxide Dismutase) in Persistent Pulmonary Hypertension of the Newborn. Hypertension, 2019, 74, 957-966.	1.3	23
7	Altered hypoxia-inducible factor-1Î± (HIF-1Î±) signaling contributes to impaired angiogenesis in fetal lambs with persistent pulmonary hypertension of the newborn (PPHN). Physiological Reports, 2019, 7, e13986.	0.7	8
8	Rh-incompatible hemolytic disease of the newborn in Hefei. World Journal of Clinical Cases, 2019, 7, 3202-3207.	0.3	11
9	Oxidative Stress in Neonatal Lung Diseases. , 2019, , 51-84.		2
10	Dynamic Phosphorylation of the C Terminus of Hsp70 Regulates the Mitochondrial Import of SOD2 and Redox Balance. Cell Reports, 2018, 25, 2605-2616.e7.	2.9	40
11	Caffeine ameliorates hyperoxia-induced lung injury by protecting GCH1 function in neonatal rat pups. Pediatric Research, 2017, 82, 483-489.	1.1	27
12	Attenuation of endoplasmic reticulum stress by caffeine ameliorates hyperoxia-induced lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L586-L598.	1.3	72
13	Nogoâ€B receptor deficiency increases liver X receptor alpha nuclear translocation and hepatic lipogenesis through an adenosine monophosphateâ€"activated protein kinase alphaâ€"dependent pathway. Hepatology, 2016, 64, 1559-1576.	3.6	26
14	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
15	Decreased endothelial nitric oxide synthase expression and function contribute to impaired mitochondrial biogenesis and oxidative stress in fetal lambs with persistent pulmonary hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 310, L40-L49.	1.3	50
16	Nitrotyrosine impairs mitochondrial function in fetal lamb pulmonary artery endothelial cells. American Journal of Physiology - Cell Physiology, 2016, 310, C80-C88.	2.1	8
17	Nogo-B Receptor Modulates Pulmonary Artery Smooth Muscle Cell Function in Developing Lungs. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 892-900.	1.4	10
18	Altered prostanoid metabolism contributes to impaired angiogenesis in persistent pulmonary hypertension in a fetal lamb model. Pediatric Research, 2015, 77, 455-462.	1.1	19

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19	Interaction of endothelial nitric oxide synthase with mitochondria regulates oxidative stress and function in fetal pulmonary artery endothelial cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L1009-L1017.	1.3	19
20	Efficacy of recombinant human granulocyte colony stimulating factor in very-low-birth-weight infants with early neutropenia. Journal of the Formosan Medical Association, 2015, 114, 174-179.	0.8	1
21	Cord blood level of insulin-like growth factor-1 and IGF binding protein-3 in monochorionic twins. Journal of the Formosan Medical Association, 2015, 114, 359-362.	0.8	6
22	Decreased PGCâ€1Î±â€SIRT1 Signaling Leads to Impaired Angiogenesis in Persistent Pulmonary Hypertension of the Newborn (PPHN). FASEB Journal, 2015, 29, 662.5.	0.2	0
23	Intestinal NADPH Oxidase 2 Activity Increases in a Neonatal Rat Model of Necrotizing Enterocolitis. PLoS ONE, 2014, 9, e115317.	1.1	7
24	Autophagy and NADPH Oxidase Activity Tend to Regulate Angiogenesis in Pulmonary Artery Endothelial Cells with Pulmonary Hypertension. , 2014, , 305-314.		1
25	Impaired cerebral angiogenesis in the fetal lamb model of persistent pulmonary hypertension. International Journal of Developmental Neuroscience, 2014, 38, 113-118.	0.7	8
26	Nogo-B Receptor Modulates Angiogenesis Response of Pulmonary Artery Endothelial Cells Through eNOS Coupling. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 169-177.	1.4	16
27	Persistent pulmonary hypertension of the newborn. Journal of the Formosan Medical Association, 2013, 112, 177-184.	0.8	29
28	AMP kinase activation improves angiogenesis in pulmonary artery endothelial cells with in utero pulmonary hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2013, 304, L29-L42.	1.3	46
29	Decreases in manganese superoxide dismutase expression and activity contribute to oxidative stress in persistent pulmonary hypertension of the newborn. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 303, L870-L879.	1.3	59
30	Cross talk between NADPH oxidase and autophagy in pulmonary artery endothelial cells with intrauterine persistent pulmonary hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2012, 302, L651-L663.	1.3	72
31	Role of autophagy in angiogenesis in aortic endothelial cells. American Journal of Physiology - Cell Physiology, 2012, 302, C383-C391.	2.1	151
32	Nitrotyrosine Impairs Angiogenesis and Uncouples eNOS Activity of Pulmonary Artery Endothelial Cells Isolated From Developing Sheep Lungs. Pediatric Research, 2011, 69, 112-117.	1.1	20
33	Sepiapterin improves angiogenesis of pulmonary artery endothelial cells with in utero pulmonary hypertension by recoupling endothelial nitric oxide synthase. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 301, L334-L345.	1.3	37
34	Increased superoxide production contributes to the impaired angiogenesis of fetal pulmonary arteries with in utero pulmonary hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L184-L195.	1.3	62
35	A Model to Study Antioxidant Regulation of Endotoxemia-Modulated Neonatal Granulopoiesis and Granulocyte Apoptosis. Pediatric Research, 2000, 48, 829-834.	1.1	15
36	Granulocyte colony-stimulating factor in the cord blood of premature neonates born to mothers with pregnancy-induced hypertension. Journal of Pediatrics, 1999, 135, 56-59.	0.9	35

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37	Jacobsen distal 11q deletion syndrome with a myelodysplastic change of hemopoietic cells. , 1998, 75, 341-344.		5
38	Transfusion-related acute lung injury treated with surfactant in a neonate. European Journal of Pediatrics, 1996, 155, 589-591.	1.3	16
39	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. Pediatric Research, 1996, 39, 20-24.	1.1	17
40	Transfusion-related acute lung injury treated with surfactant in a neonate. European Journal of Pediatrics, 1996, 155, 589-591.	1.3	1