

Krithika Lingappan

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,493
citations

331670

21
h-index

330143

37
g-index

49
all docs

49
docs citations

49
times ranked

2047
citing authors

#	ARTICLE	IF	CITATIONS
1	NF- κ B in oxidative stress. <i>Current Opinion in Toxicology</i> , 2018, 7, 81-86.	5.0	525
2	Sex-specific differences in neonatal hyperoxic lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L481-L493.	2.9	84
3	Differential concentration-specific effects of caffeine on cell viability, oxidative stress, and cell cycle in pulmonary oxygen toxicity in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2014, 450, 1345-1350.	2.1	48
4	Videolaryngoscopy versus direct laryngoscopy for tracheal intubation in neonates. <i>The Cochrane Library</i> , 2018, 6, CD009975.	2.8	44
5	Mice Deficient in the Gene for Cytochrome P450 (CYP)1A1 Are More Susceptible Than Wild-Type to Hyperoxic Lung Injury: Evidence for Protective Role of CYP1A1 Against Oxidative Stress. <i>Toxicological Sciences</i> , 2014, 141, 68-77.	3.1	43
6	Sex-specific differences in hyperoxic lung injury in mice: Implications for acute and chronic lung disease in humans. <i>Toxicology and Applied Pharmacology</i> , 2013, 272, 281-290.	2.8	41
7	Relationship between PCO ₂ and unfavorable outcome in infants with moderate-to-severe hypoxic ischemic encephalopathy. <i>Pediatric Research</i> , 2016, 80, 204-208.	2.3	38
8	Sexual dimorphism of the pulmonary transcriptome in neonatal hyperoxic lung injury: identification of angiogenesis as a key pathway. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L991-L1005.	2.9	37
9	Association between elevated placental polycyclic aromatic hydrocarbons (PAHs) and PAH-DNA adducts from Superfund sites in Harris County, and increased risk of preterm birth (PTB). <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 344-349.	2.1	35
10	Pulmonary endothelial cells exhibit sexual dimorphism in their response to hyperoxia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2018, 315, H1287-H1292.	3.2	34
11	MicroRNA-30a as a candidate underlying sex-specific differences in neonatal hyperoxic lung injury: implications for BPD. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2019, 316, L144-L156.	2.9	32
12	COMBINATION BACTERICIDAL ANTIBIOTIC TESTING TO MULTIRESTANT STRAINS OF <i>PSEUDOMONAS AERUGINOSA</i> , <i>CEPACIA</i> , AND <i>STENOTROPHOMONAS MALTOPHILIA</i> ISOLATED FROM PATIENTS WITH CYSTIC FIBROSIS (CF). <i>Chest</i> , 2006, 130, 1547-53.	0.8	31
13	Role of GDF15 (growth and differentiation factor 15) in pulmonary oxygen toxicity. <i>Toxicology in Vitro</i> , 2015, 29, 1369-1376.	2.4	30
14	Differential sex-specific effects of oxygen toxicity in human umbilical vein endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 486, 431-437.	2.1	30
15	Molecular role of cytochrome P4501A enzymes in oxidative stress. <i>Current Opinion in Toxicology</i> , 2020, 20-21, 77-84.	5.0	30
16	Disruption of cytochrome P4501A2 in mice leads to increased susceptibility to hyperoxic lung injury. <i>Free Radical Biology and Medicine</i> , 2015, 82, 147-159.	2.9	28
17	Sex-specific differences in hyperoxic lung injury in mice: Role of cytochrome P450 (CYP)1A. <i>Toxicology</i> , 2015, 331, 14-23.	4.2	27
18	Analysis of the Transcriptome in Hyperoxic Lung Injury and Sex-Specific Alterations in Gene Expression. <i>PLoS ONE</i> , 2014, 9, e101581.	2.5	26

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19	Role of Growth Differentiation Factor 15 in Lung Disease and Senescence: Potential Role Across the Lifespan. <i>Frontiers in Medicine</i> , 2020, 7, 594137.	2.6	26
20	Sex-specific differences in the modulation of Growth Differentiation Factor 15 (GDF15) by hyperoxia in vivo and in vitro : Role of Hif-1 α . <i>Toxicology and Applied Pharmacology</i> , 2017, 332, 8-14.	2.8	24
21	Newborn Mice Lacking the Gene for Cyp1a1 Are More Susceptible to Oxygen-Mediated Lung Injury, and Are Rescued by Postnatal β -Naphthoflavone Administration: Implications for Bronchopulmonary Dysplasia in Premature Infants. <i>Toxicological Sciences</i> , 2017, 157, 260-271.	3.1	23
22	Role of Cytochrome P450 (CYP)1A in Hyperoxic Lung Injury: Analysis of the Transcriptome and Proteome. <i>Scientific Reports</i> , 2017, 7, 642.	3.3	22
23	Epigenetic response to hyperoxia in the neonatal lung is sexually dimorphic. <i>Redox Biology</i> , 2020, 37, 101718.	9.0	22
24	Increased susceptibility to hyperoxic lung injury and alveolar simplification in newborn rats by prenatal administration of benzo[a]pyrene. <i>Toxicology Letters</i> , 2014, 230, 322-332.	0.8	21
25	Effect of sex chromosomes versus hormones in neonatal lung injury. <i>JCI Insight</i> , 2021, 6, .	5.0	18
26	Mice Lacking the Cytochrome P450 1B1 Gene Are Less Susceptible to Hyperoxic Lung Injury Than Wild Type. <i>Toxicological Sciences</i> , 2018, 165, 462-474.	3.1	17
27	Lactoferrin and the newborn: current perspectives. <i>Expert Review of Anti-Infective Therapy</i> , 2013, 11, 695-707.	4.4	15
28	Videolaryngoscopy versus direct laryngoscopy for tracheal intubation in neonates. <i>The Cochrane Library</i> , 2015, , CD009975.	2.8	15
29	Mechanistic role of cytochrome P450 (CYP)1B1 in oxygen-mediated toxicity in pulmonary cells: A novel target for prevention of hyperoxic lung injury. <i>Biochemical and Biophysical Research Communications</i> , 2016, 476, 346-351.	2.1	13
30	Sex-specific differences in primary neonatal murine lung fibroblasts exposed to hyperoxia in vitro: implications for bronchopulmonary dysplasia. <i>Physiological Genomics</i> , 2018, 50, 940-946.	2.3	13
31	Impact of Early Life Antibiotic Exposure and Neonatal Hyperoxia on the Murine Microbiome and Lung Injury. <i>Scientific Reports</i> , 2019, 9, 14992.	3.3	13
32	The role of cytochrome P450 (CYP) enzymes in hyperoxic lung injury. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2021, 17, 171-178.	3.3	13
33	β -Naphthoflavone treatment attenuates neonatal hyperoxic lung injury in wild type and Cyp1a2-knockout mice. <i>Toxicology and Applied Pharmacology</i> , 2018, 339, 133-142.	2.8	11
34	Role of HIF-1 α -miR30a-Snai1 Axis in Neonatal Hyperoxic Lung Injury. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-9.	4.0	10
35	The Wnt Signaling Pathway and the Development of Bronchopulmonary Dysplasia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 1174-1176.	5.6	9
36	Oxygen-mediated lung injury in mice lacking the gene for NRF2: Rescue with the cytochrome P4501A-inducer, beta-naphthoflavone (BNF), and differential sex-specific effects. <i>Free Radical Biology and Medicine</i> , 2020, 160, 208-218.	2.9	6

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37	Focused Evidence-Based Medicine Curriculum for Trainees in Neonatal-Perinatal Medicine. MedEdPORTAL: the Journal of Teaching and Learning Resources, 2017, 13, 10664.	1.2	6
38	Effect of Coronavirus Disease-2019 on the Workload of Neonatologists. Journal of Pediatrics, 2022, 242, 145-151.e1.	1.8	6
39	Hyperoxia-mediated transcriptional activation of cytochrome P4501A1 (CYP1A1) and decreased susceptibility to oxygen-mediated lung injury in newborn mice. Biochemical and Biophysical Research Communications, 2018, 495, 408-413.	2.1	5
40	Role of Human NADPH Quinone Oxidoreductase (NQO1) in Oxygen-Mediated Cellular Injury and Oxidative DNA Damage in Human Pulmonary Cells. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-13.	4.0	5
41	Neonatal Lung Disease: Mechanisms Driving Sex Differences. Physiology in Health and Disease, 2021, , 115-144.	0.3	4
42	Vision 2020: How Caregiving and Work Productivity Outlook Shifted for Academic Pediatric Faculty. Journal of Women's Health, 2022, 31, 631-639.	3.3	4
43	Noninvasive ventilation strategies: which to choose?. Journal of Perinatology, 2018, 38, 447-450.	2.0	3
44	Can maternal DHA supplementation offer long-term protection against neonatal hyperoxic lung injury?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2015, 309, L1383-L1386.	2.9	2
45	Does the Epigenome Hold Clues to Leptin-Associated Hypertension in Obesity?. American Journal of Respiratory Cell and Molecular Biology, 2021, 65, 132-133.	2.9	2
46	One-Month-Old Infant With Hypotonia and Cardiorespiratory Arrest. Clinical Pediatrics, 2017, 56, 397-398.	0.8	1
47	National professional society augments career development and leadership amongst neonatal fellows and early career neonatologists. Journal of Perinatology, 2021, , .	2.0	0
48	HIF-1 alpha Mediates Sex-specific miR-30a Expression in Neonatal Hyperoxic Lung Injury: Implications for Bronchopulmonary Dysplasia. FASEB Journal, 2019, 33, 735.6.	0.5	0