Vasantha H S Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

687220 677027 32 523 13 22 citations h-index g-index papers 32 32 32 813 docs citations times ranked citing authors all docs

#	Article	IF	Citations
1	Current and Emerging Therapies in the Management of Hypoxic Ischemic Encephalopathy in Neonates. Children, 2018, 5, 99.	0.6	84
2	Inguinal hernia in preterm infants (â‰ \$ 2-Week Gestation). Pediatric Surgery International, 2002, 18, 147-152.	0.6	64
3	Early Use of Inhaled Nitric Oxide in Preterm Infants: Is there a Rationale for Selective Approach?. American Journal of Perinatology, 2017, 34, 428-440.	0.6	40
4	Neonatal hyperoxia increases airway reactivity and inflammation in adult mice. Pediatric Pulmonology, 2016, 51, 1131-1141.	1.0	39
5	for a new metric for hypoxic dose?Commentaries on Viewpoint: Time for a new metric for hypoxic dose?Commentaries on Viewpoint: Time for a new metric for hypoxic dose?Commentaries on Viewpoint: Time for a new metric for hypoxic dose?Commentaries on Viewpoint: Time for a new metric for hypoxic dose?Commentaries on Viewpoint: Time for a new metric for hypoxic dose?Commentaries on Viewpoint: Time for a new metric for hypoxic dose? lournal of	1.2	29
6	Applied Physiology, 2016, 121–356-358. Response to pulmonary vasodilators in infants with congenital diaphragmatic hernia. Pediatric Surgery International, 2018, 34, 735-742.	0.6	29
7	Prostacyclin and milrinone by aerosolization improve pulmonary hemodynamics in newborn lambs with experimental pulmonary hypertension. Journal of Applied Physiology, 2010, 109, 677-684.	1.2	28
8	Caffeine and Clinical Outcomes in Premature Neonates. Children, 2019, 6, 118.	0.6	27
9	Caffeine is associated with improved alveolarization and angiogenesis in male mice following hyperoxia induced lung injury. BMC Pulmonary Medicine, 2019, 19, 138.	0.8	24
10	Longâ€Term Effects of Neonatal Hyperoxia in Adult Mice. Anatomical Record, 2018, 301, 717-726.	0.8	23
11	Current Concepts in the Management of Congenital Diaphragmatic Hernia in Infants. Indian Journal of Surgery, 2015, 77, 313-321.	0.2	19
12	Exposure to Supplemental Oxygen and Its Effects on Oxidative Stress and Antioxidant Enzyme Activity in Term Newborn Lambs. Pediatric Research, 2010, 67, 66-71.	1.1	16
13	Adaptive immune responses are altered in adult mice following neonatal hyperoxia. Physiological Reports, 2018, 6, e13577.	0.7	15
14	Supporting Breastfeeding in 2021 and Beyondâ€"Lessons from the Pandemic. Pediatric Reports, 2021, 13, 289-301.	0.5	15
15	Diagnostic Approach to Pulmonary Hypertension in Premature Neonates. Children, 2017, 4, 75.	0.6	14
16	Hydrocortisone Improves Oxygenation Index and Systolic Blood Pressure in Term Infants With Persistent Pulmonary Hypertension. Clinical Medicine Insights Pediatrics, 2019, 13, 117955651988891.	0.7	11
17	<i>Nfib</i> hemizygous mice are protected from hyperoxic lung injury and death. Physiological Reports, 2017, 5, e13398.	0.7	8
18	Respiratory Failure in an Extremely Premature Neonate with COVID-19. Children, 2021, 8, 477.	0.6	7

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19	Subcutaneous fat necrosis, a rare but serious side effect of hypoxic-ischemic encephalopathy and whole-body hypothermia. Journal of Perinatal Medicine, 2019, 47, 986-990.	0.6	6
20	Impact of bradycardia or asystole on neonatal cardiopulmonary resuscitation at birth. Pediatrics International, 2017, 59, 891-897.	0.2	5
21	Natriuretic peptide C receptor in the developing sheep lung: role in perinatal transition. Pediatric Research, 2017, 82, 349-355.	1.1	5
22	Continued Enteral Feeding Is Beneficial in Hypoglycemic Infants Admitted to Intensive Care for Parenteral Dextrose Therapy. Global Pediatric Health, 2019, 6, 2333794X1985741.	0.3	4
23	Short-term perinatal oxygen exposure may impair lung development in adult mice. Biological Research, 2020, 53, 51.	1.5	3
24	Protection from systemic pyruvate at resuscitation in newborn lambs with asphyxial cardiac arrest. Physiological Reports, 2020, 8, e14472.	0.7	3
25	The Beneficial Effects of Postnatal Caffeine on Spatial Learning in Adult Mice. Journal of Caffeine and Adenosine Research, 2019, 9, 64-68.	0.8	2
26	Commentaries on Viewpoint: Hypercapnia is more important than hypoxia in the neuro-outcomes of sleep-disordered breathing. Journal of Applied Physiology, 2016, 120, 1487-1488.	1.2	1
27	Antioxidant MnTBAP does not protect adult mice from neonatal hyperoxic lung injury. Respiratory Physiology and Neurobiology, 2020, 282, 103545.	0.7	1
28	Is glucose variability associated with worse brain function and seizures in neonatal encephalopathy?. Journal of Perinatology, 2020, 40, 827-830.	0.9	1
29	Clinical and Red Blood Cell Indices of Acute and Chronic Fetomaternal Hemorrhage. Clinical Pediatrics, 2019, 58, 1330-1333.	0.4	0
30	Effects of Neonatal Caffeine Administration on Vessel Reactivity in Adult Mice. American Journal of Perinatology, 2020, 38, 1320-1329.	0.6	0
31	Glucose Levels during the First 24 Hours following Perinatal Hypoxia. American Journal of Perinatology, 2021, 38, 490-496.	0.6	0
32	Caution advised regarding lung recruitment before surfactant. Lancet Respiratory Medicine, the, 2021, 9, e11.	5.2	0