Mark C Mammel

List of Publications by Year
in descending order

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61	2,111	279798	233421
papers	citations	23 h-index	45 g-index

68	68	68	1157
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Neonatal ventilation data: finding insight in chaos, or the new Hubble telescope. Pediatric Research, 2021, 89, 1339-1340.	2.3	0
2	Laryngeal Mask Airway for Surfactant Administration in Neonates: A Randomized, Controlled Trial. Journal of Pediatrics, 2018, 193, 40-46.e1.	1.8	75
3	What About Leaks! (During Ventilation)*. Pediatric Critical Care Medicine, 2018, 19, 902-903.	0.5	1
4	The Randomized, Controlled Trial of Late Surfactant: Effects on Respiratory Outcomes at 1-Year Corrected Age. Journal of Pediatrics, 2017, 183, 19-25.e2.	1.8	25
5	High-Frequency Ventilation. , 2017, , 211-228.e4.		0
6	Basic Modes of Synchronized Ventilation. , 2017, , 180-187.e1.		1
7	Randomized Trial of Late Surfactant Treatment in Ventilated Preterm Infants Receiving Inhaled Nitric Oxide. Journal of Pediatrics, 2016, 168, 23-29.e4.	1.8	68
8	Real-time pulmonary graphics. Seminars in Fetal and Neonatal Medicine, 2015, 20, 181-191.	2.3	14
9	Inhaled Nitric Oxide Increases Urinary Nitric Oxide Metabolites and Cyclic Guanosine Monophosphate in Premature Infants: Relationship to Pulmonary Outcome. American Journal of Perinatology, 2015, 32, 225-232.	1.4	12
10	Bi-level CPAP does not improve gas exchange when compared with conventional CPAP for the treatment of neonates recovering from respiratory distress syndrome. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2015, 100, F31-F34.	2.8	22
11	Aerosolized KL4 surfactant improves short-term survival and gas exchange in spontaneously breathing newborn pigs with hydrochloric acid-induced acute lung injury. Pediatric Pulmonology, 2014, 49, 482-489.	2.0	21
12	The Mixed Blessing: Neonatal Tracheostomy. Journal of Pediatrics, 2014, 164, 1255-1256.	1.8	4
13	Tracheostomy for Infants Requiring Prolonged Mechanical Ventilation: 10 Yearsâ€™ Experience. Pediatrics, 2013, 131, e1491-e1496.	2.1	126
14	High-Frequency Ventilation. , 2011, , 200-219.		1
15	Improved gas exchange and survival after KLâ€4 surfactant in newborn pigs with severe acute lung injury. Pediatric Pulmonology, 2010, 45, 782-788.	2.0	17
16	Picking Your Next Ventilator. NeoReviews, 2010, 11, e484-e494.	0.8	0
17	Laryngeal Mask Airway for Surfactant Administration in a Newborn Animal Model. Pediatric Research, 2010, 68, 1.	2.3	17
18	Gas exchange and lung inflammation using nasal intermittent positive-pressure ventilation versus synchronized intermittent mandatory ventilation in piglets with saline lavage-induced lung injury: An observational study*. Critical Care Medicine, 2008, 36, 183-187.	0.9	26

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19	Decreased Lung Injury after Surfactant in Piglets Treated with Continuous Positive Airway Pressure or Synchronized Intermittent Mandatory Ventilation. Neonatology, 2007, 92, 19-25.	2.0	16
20	Growth and Neurodevelopmental Outcomes After Early Low-Dose Hydrocortisone Treatment in Extremely Low Birth Weight Infants. Pediatrics, 2007, 120, 40-48.	2.1	139
21	The Role of High-Frequency Ventilation in Neonates: Evidence-Based Recommendations. Clinics in Perinatology, 2007, 34, 129-144.	2.1	16
22	New Modes of Neonatal Ventilation: Let There be Light. Journal of Perinatology, 2005, 25, 624-625.	2.0	2
23	Effect of Dose on Response to Adrenocorticotropin in Extremely Low Birth Weight Infants. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 6380-6385.	3.6	40
24	Prophylaxis of Early Adrenal Insufficiency to Prevent Bronchopulmonary Dysplasia: A Multicenter Trial. Pediatrics, 2004, 114, 1649-1657.	2.1	404
25	Standardized lung recruitment during high frequency and conventional ventilation: similar pathophysiologic and inflammatory responses in an animal model of respiratory distress syndrome. Intensive Care Medicine, 2004, 30, 1195-1203.	8.2	14
26	Response to Olsen, et al. study comparing SIMV & PSV. Journal of Perinatology, 2003, 23, 434-435.	2.0	6
27	HIGH-FREQUENCY VENTILATION. , 2003, , 183-201.		1
28	Bedside tidal volume measurements: GIGO? *. Critical Care Medicine, 2002, 30, 2606.	0.9	4
29	High-Frequency Oscillation and Partial Liquid Ventilation. Critical Care Medicine, 2001, 29, 1293.	0.9	4
30	Surfactant and partial liquid ventilation via conventional and high-frequency techniques in an animal model of respiratory distress syndrome. Pediatric Critical Care Medicine, 2000, 1, 72-78.	0.5	6
31	Randomized controlled trial of volume-targeted synchronized ventilation and conventional intermittent mandatory ventilation following initial exogenous surfactant therapy. , 2000, 29, 11-18.		46
32	Effect of Sepsis Syndrome on Neonatal Protein and Energy Metabolism. Journal of Perinatology, 2000, 20, 96-100.	2.0	26
33	Variations in End-Expiratory Pressure During Partial Liquid Ventilation. Chest, 2000, 117, 184-190.	0.8	21
34	Synchronized gas and partial liquid ventilation in lung-injured animals: Improved gas exchange with decreased effort. , 1999, 27, 242-250.		7
35	High-frequency oscillation versus conventional ventilation following surfactant administration and partial liquid ventilation. Pediatric Pulmonology, 1998, 26, 21-29.	2.0	17
36	Dynamics of spontaneous breathing during patient-triggered partial liquid ventilation. Pediatric Pulmonology, 1998, 26, 319-325.	2.0	13

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37	Highâ€frequency oscillation versus conventional ventilation following surfactant administration and partial liquid ventilation. Pediatric Pulmonology, 1998, 26, 21-29.	2.0	2
38	Partial liquid ventilation. Critical Care Medicine, 1997, 25, 1179-1186.	0.9	48
39	Prolonged partial liquid ventilation using conventional and high-frequency ventilatory techniques. Critical Care Medicine, 1997, 25, 1888-1897.	0.9	176
40	MECHANICAL VENTILATION OF THE NEWBORN, An Overview. Clinics in Chest Medicine, 1996, 17, 603-613.	2.1	13
41	Monosomy 9p24â†'pter and trisomy 5q31â†'qter: Case report and review of two cases. American Journal of Medical Genetics Part A, 1995, 57, 52-56.	2.4	12
42	Metabolic response of preterm infants to variable degrees of respiratory illness. Journal of Pediatrics, 1994, 124, 283-288.	1.8	48
43	The effects of bedside pulmonary mechanics testing during infant mechanical ventilation: A retrospective analysis. Pediatric Pulmonology, 1993, 16, 147-152.	2.0	49
44	Alterations in feline tracheal permeability after mechanical ventilation. Critical Care Medicine, 1993, 21, 90-97.	0.9	6
45	Acute airway injury during high-frequency jet ventilation and high-frequency oscillatory ventilation. Critical Care Medicine, 1991, 19, 394-398.	0.9	31
46	Effect of spontaneous and mechanical breathing on dynamic lung mechanics in hyaline membrane disease. Pediatric Pulmonology, 1990, 8, 222-225.	2.0	13
47	Comparison of high-frequency oscillatory ventilation and high-frequency jet ventilation in cats with normal lungs. Pediatric Pulmonology, 1989, 7, 35-41.	2.0	33
48	Determining optimum inspiratory time during intermittent positive pressure ventilation in surfactant-depleted cats. Pediatric Pulmonology, 1989, 7, 223-229.	2.0	16
49	Effect of postnatal steroid administration on serum vitamin A concentrations in newborn infants with respiratory compromise. Journal of Pediatrics, 1989, 114, 301-304.	1.8	53
50	Identifying lung overdistention during mechanical ventilation by using volumeâ€pressure loops. Pediatric Pulmonology, 1988, 5, 10-14.	2.0	88
51	Tracheobronchial injury with high-frequency oscillatory ventilation. Journal of Pediatrics, 1988, 112, 845.	1.8	2
52	A Practical Guide to High-Frequency Ventilation. Pediatric Annals, 1988, 17, 508-515.	0.8	1
53	Short-Term Dexamethasone Therapy for Bronchopulmonary Dysplasia: Acute Effects and 1-Year Follow-Up. Developmental Pharmacology and Therapeutics, 1987, 10, 1-11.	0.2	30
54	Airway damage and mechanical ventilation: A review and commentary. Pediatric Pulmonology, 1987, 3, 443-447.	2.0	28

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55	NECROTIZING TRACHEOBRONCHITIS. Laryngoscope, 1987, 97, 1017???1019.	2.0	5
56	Necrotizing tracheobronchitis: A complication of high-frequency ventilation. Journal of Pediatrics, 1986, 109, 95-100.	1.8	75
57	High-Frequency Ventilation and Tracheal Injuries. Pediatrics, 1986, 77, 608-613.	2.1	35
58	Tracheobronchial histopathology associated with high-frequency jet ventilation. Critical Care Medicine, 1984, 12, 829-832.	0.9	74
59	Comparison of high-frequency jet ventilation and conventional mechanical ventilation in a meconium aspiration model. Journal of Pediatrics, 1983, 103, 630-634.	1.8	33
60	Pulmonary Vascular Effects of Amrinone in Conscious Lambs. Pediatric Research, 1983, 17, 720-724.	2.3	10
61	Measurement of esophageal pressure in newborn infants using an esophageal balloon gastric catheter. Critical Care Medicine, 1982, 10, 522-524.	0.9	9