

Mark C Mammel

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,111
citations

279798

23
h-index

233421

45
g-index

68
all docs

68
docs citations

68
times ranked

1157
citing authors

#	ARTICLE	IF	CITATIONS
1	Prophylaxis of Early Adrenal Insufficiency to Prevent Bronchopulmonary Dysplasia: A Multicenter Trial. <i>Pediatrics</i> , 2004, 114, 1649-1657.	2.1	404
2	Prolonged partial liquid ventilation using conventional and high-frequency ventilatory techniques. <i>Critical Care Medicine</i> , 1997, 25, 1888-1897.	0.9	176
3	Growth and Neurodevelopmental Outcomes After Early Low-Dose Hydrocortisone Treatment in Extremely Low Birth Weight Infants. <i>Pediatrics</i> , 2007, 120, 40-48.	2.1	139
4	Tracheostomy for Infants Requiring Prolonged Mechanical Ventilation: 10 Years' Experience. <i>Pediatrics</i> , 2013, 131, e1491-e1496.	2.1	126
5	Identifying lung overdistention during mechanical ventilation by using volume-pressure loops. <i>Pediatric Pulmonology</i> , 1988, 5, 10-14.	2.0	88
6	Necrotizing tracheobronchitis: A complication of high-frequency ventilation. <i>Journal of Pediatrics</i> , 1986, 109, 95-100.	1.8	75
7	Laryngeal Mask Airway for Surfactant Administration in Neonates: A Randomized, Controlled Trial. <i>Journal of Pediatrics</i> , 2018, 193, 40-46.e1.	1.8	75
8	Tracheobronchial histopathology associated with high-frequency jet ventilation. <i>Critical Care Medicine</i> , 1984, 12, 829-832.	0.9	74
9	Randomized Trial of Late Surfactant Treatment in Ventilated Preterm Infants Receiving Inhaled Nitric Oxide. <i>Journal of Pediatrics</i> , 2016, 168, 23-29.e4.	1.8	68
10	Effect of postnatal steroid administration on serum vitamin A concentrations in newborn infants with respiratory compromise. <i>Journal of Pediatrics</i> , 1989, 114, 301-304.	1.8	53
11	The effects of bedside pulmonary mechanics testing during infant mechanical ventilation: A retrospective analysis. <i>Pediatric Pulmonology</i> , 1993, 16, 147-152.	2.0	49
12	Metabolic response of preterm infants to variable degrees of respiratory illness. <i>Journal of Pediatrics</i> , 1994, 124, 283-288.	1.8	48
13	Partial liquid ventilation. <i>Critical Care Medicine</i> , 1997, 25, 1179-1186.	0.9	48
14	Randomized controlled trial of volume-targeted synchronized ventilation and conventional intermittent mandatory ventilation following initial exogenous surfactant therapy. , 2000, 29, 11-18.		46
15	Effect of Dose on Response to Adrenocorticotropin in Extremely Low Birth Weight Infants. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 6380-6385.	3.6	40
16	High-Frequency Ventilation and Tracheal Injuries. <i>Pediatrics</i> , 1986, 77, 608-613.	2.1	35
17	Comparison of high-frequency jet ventilation and conventional mechanical ventilation in a meconium aspiration model. <i>Journal of Pediatrics</i> , 1983, 103, 630-634.	1.8	33
18	Comparison of high-frequency oscillatory ventilation and high-frequency jet ventilation in cats with normal lungs. <i>Pediatric Pulmonology</i> , 1989, 7, 35-41.	2.0	33

#	ARTICLE	IF	CITATIONS
19	Acute airway injury during high-frequency jet ventilation and high-frequency oscillatory ventilation. <i>Critical Care Medicine</i> , 1991, 19, 394-398.	0.9	31
20	Short-Term Dexamethasone Therapy for Bronchopulmonary Dysplasia: Acute Effects and 1-Year Follow-Up. <i>Developmental Pharmacology and Therapeutics</i> , 1987, 10, 1-11.	0.2	30
21	Airway damage and mechanical ventilation: A review and commentary. <i>Pediatric Pulmonology</i> , 1987, 3, 443-447.	2.0	28
22	Effect of Sepsis Syndrome on Neonatal Protein and Energy Metabolism. <i>Journal of Perinatology</i> , 2000, 20, 96-100.	2.0	26
23	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*. <i>Critical Care Medicine</i> , 2008, 36, 183-187.	0.9	26
24	The Randomized, Controlled Trial of Late Surfactant: Effects on Respiratory Outcomes at 1-Year Corrected Age. <i>Journal of Pediatrics</i> , 2017, 183, 19-25.e2.	1.8	25
25	Bi-level CPAP does not improve gas exchange when compared with conventional CPAP for the treatment of neonates recovering from respiratory distress syndrome. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2015, 100, F31-F34.	2.8	22
26	Variations in End-Expiratory Pressure During Partial Liquid Ventilation. <i>Chest</i> , 2000, 117, 184-190.	0.8	21
27	Aerosolized KL4 surfactant improves short-term survival and gas exchange in spontaneously breathing newborn pigs with hydrochloric acid-induced acute lung injury. <i>Pediatric Pulmonology</i> , 2014, 49, 482-489.	2.0	21
28	High-frequency oscillation versus conventional ventilation following surfactant administration and partial liquid ventilation. <i>Pediatric Pulmonology</i> , 1998, 26, 21-29.	2.0	17
29	Improved gas exchange and survival after KL4 surfactant in newborn pigs with severe acute lung injury. <i>Pediatric Pulmonology</i> , 2010, 45, 782-788.	2.0	17
30	Laryngeal Mask Airway for Surfactant Administration in a Newborn Animal Model. <i>Pediatric Research</i> , 2010, 68, 1.	2.3	17
31	Determining optimum inspiratory time during intermittent positive pressure ventilation in surfactant-depleted cats. <i>Pediatric Pulmonology</i> , 1989, 7, 223-229.	2.0	16
32	Decreased Lung Injury after Surfactant in Piglets Treated with Continuous Positive Airway Pressure or Synchronized Intermittent Mandatory Ventilation. <i>Neonatology</i> , 2007, 92, 19-25.	2.0	16
33	The Role of High-Frequency Ventilation in Neonates: Evidence-Based Recommendations. <i>Clinics in Perinatology</i> , 2007, 34, 129-144.	2.1	16
34	Standardized lung recruitment during high frequency and conventional ventilation: similar pathophysiologic and inflammatory responses in an animal model of respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2004, 30, 1195-1203.	8.2	14
35	Real-time pulmonary graphics. <i>Seminars in Fetal and Neonatal Medicine</i> , 2015, 20, 181-191.	2.3	14
36	Effect of spontaneous and mechanical breathing on dynamic lung mechanics in hyaline membrane disease. <i>Pediatric Pulmonology</i> , 1990, 8, 222-225.	2.0	13

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37	MECHANICAL VENTILATION OF THE NEWBORN, An Overview. Clinics in Chest Medicine, 1996, 17, 603-613.	2.1	13
38	Dynamics of spontaneous breathing during patient-triggered partial liquid ventilation. Pediatric Pulmonology, 1998, 26, 319-325.	2.0	13
39	Monosomy 9p24 and trisomy 5q31: Case report and review of two cases. American Journal of Medical Genetics Part A, 1995, 57, 52-56.	2.4	12
40	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
41	Pulmonary Vascular Effects of Amrinone in Conscious Lambs. Pediatric Research, 1983, 17, 720-724.	2.3	10
42	Measurement of esophageal pressure in newborn infants using an esophageal balloon gastric catheter. Critical Care Medicine, 1982, 10, 522-524.	0.9	9
43	Synchronized gas and partial liquid ventilation in lung-injured animals: Improved gas exchange with decreased effort. , 1999, 27, 242-250.		7
44	Alterations in feline tracheal permeability after mechanical ventilation. Critical Care Medicine, 1993, 21, 90-97.	0.9	6
45	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
46	Response to Olsen, et al. study comparing SIMV & PSV. Journal of Perinatology, 2003, 23, 434-435.	2.0	6
47	NECROTIZING TRACHEOBRONCHITIS. Laryngoscope, 1987, 97, 1017-1019.	2.0	5
48	The Mixed Blessing: Neonatal Tracheostomy. Journal of Pediatrics, 2014, 164, 1255-1256.	1.8	4
49	High-Frequency Oscillation and Partial Liquid Ventilation. Critical Care Medicine, 2001, 29, 1293.	0.9	4
50	Bedside tidal volume measurements: GIGO? *. Critical Care Medicine, 2002, 30, 2606.	0.9	4
51	Tracheobronchial injury with high-frequency oscillatory ventilation. Journal of Pediatrics, 1988, 112, 845.	1.8	2
52	New Modes of Neonatal Ventilation: Let There be Light. Journal of Perinatology, 2005, 25, 624-625.	2.0	2
53	High-frequency oscillation versus conventional ventilation following surfactant administration and partial liquid ventilation. Pediatric Pulmonology, 1998, 26, 21-29.	2.0	2
54	High-Frequency Ventilation. , 2011, , 200-219.		1

#	ARTICLE	IF	CITATIONS
55	Basic Modes of Synchronized Ventilation. , 2017, , 180-187.e1.		1
56	What About Leaks! (During Ventilation)*. Pediatric Critical Care Medicine, 2018, 19, 902-903.	0.5	1
57	A Practical Guide to High-Frequency Ventilation. Pediatric Annals, 1988, 17, 508-515.	0.8	1
58	HIGH-FREQUENCY VENTILATION. , 2003, , 183-201.		1
59	Picking Your Next Ventilator. NeoReviews, 2010, 11, e484-e494.	0.8	0
60	High-Frequency Ventilation. , 2017, , 211-228.e4.		0
61	Neonatal ventilation data: finding insight in chaos, or the new Hubble telescope. Pediatric Research, 2021, 89, 1339-1340.	2.3	0