Matthew T Harting

List of Publications by Year
in descending order

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68 papers	3,556 citations	201674 27 h-index	138484 58 g-index
70 all docs	70 docs citations	70 times ranked	4502 citing authors

#	Article	IF	Citations
1	Pulmonary Passage is a Major Obstacle for Intravenous Stem Cell Delivery: The Pulmonary First-Pass Effect. Stem Cells and Development, 2009, 18, 683-692.	2.1	1,014
2	Intravenous mesenchymal stem cell therapy for traumatic brain injury. Journal of Neurosurgery, 2009, 110, 1189-1197.	1.6	237
3	Inflammation-Stimulated Mesenchymal Stromal Cell-Derived Extracellular Vesicles Attenuate Inflammation. Stem Cells, 2018, 36, 79-90.	3.2	180
4	The Congenital Diaphragmatic Hernia Study Group registry update. Seminars in Fetal and Neonatal Medicine, 2014, 19, 370-375.	2.3	166
5	Congenital Diaphragmatic Hernia Defect Size and Infant Morbidity at Discharge. Pediatrics, 2016, 138, e20162043.	2.1	112
6	Human Mesenchymal Stromal Cell-Derived Extracellular Vesicles Modify Microglial Response and Improve Clinical Outcomes in Experimental Spinal Cord Injury. Scientific Reports, 2018, 8, 480.	3.3	103
7	Evaluation of Variability in Inhaled Nitric Oxide Use and Pulmonary Hypertension in Patients With Congenital Diaphragmatic Hernia. JAMA Pediatrics, 2016, 170, 1188.	6.2	98
8	Subacute Neural Stem Cell Therapy for Traumatic Brain Injury. Journal of Surgical Research, 2009, 153, 188-194.	1.6	86
9	Ventricular Dysfunction Is a Critical Determinant of Mortality in Congenital Diaphragmatic Hernia. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 1522-1530.	5.6	86
10	Congenital diaphragmatic hernia-associated pulmonary hypertension. Seminars in Pediatric Surgery, 2017, 26, 147-153.	1.1	83
11	Congenital diaphragmatic hernia in the preterm infant. Surgery, 2010, 148, 404-410.	1.9	81
12	Purinergic Signaling in Pulmonary Inflammation. Frontiers in Immunology, 2019, 10, 1633.	4.8	81
13	Congenital diaphragmatic hernia-associated pulmonary hypertension. Seminars in Perinatology, 2020, 44, 151167.	2.5	79
14	Cell therapies for traumatic brain injury. Neurosurgical Focus, 2008, 24, E18.	2.3	64
15	Minimally Invasive vs Open Congenital Diaphragmatic Hernia Repair: Is There a Superior Approach?. Journal of the American College of Surgeons, 2017, 224, 416-422.	0.5	64
16	Prenatally versus postnatally diagnosed congenital diaphragmatic hernia â€“ Side, stage, and outcome. Journal of Pediatric Surgery, 2019, 54, 651-655.	1.6	64
17	Factors associated with early recurrence after congenital diaphragmatic hernia repair. Journal of Pediatric Surgery, 2017, 52, 928-932.	1.6	57
18	Telemedicine in pediatric surgery. Journal of Pediatric Surgery, 2019, 54, 587-594.	1.6	55

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19	Prevalence and impact of admission hyperfibrinolysis in severely injured pediatric trauma patients. Surgery, 2015, 158, 812-818.	1.9	44
20	Acute Hemodynamic Decompensation Following Patent Ductus Arteriosus Ligation in Premature Infants. Journal of Investigative Surgery, 2008, 21, 133-138.	1.3	43
21	Toward Standardized Management of Congenital Diaphragmatic Hernia: An Analysis of Practice Guidelines. Journal of Surgical Research, 2019, 243, 229-235.	1.6	42
22	Long-term follow-up of congenital diaphragmatic hernia. Seminars in Pediatric Surgery, 2017, 26, 178-184.	1.1	40
23	Early, Postnatal Pulmonary Hypertension Severity Predicts Inpatient Outcomes in Congenital Diaphragmatic Hernia. Neonatology, 2021, 118, 147-154.	2.0	37
24	Aggressive Surgical Management of Congenital Diaphragmatic Hernia: Worth the Effort?. Annals of Surgery, 2018, 267, 977-982.	4.2	36
25	Management of Congenital Diaphragmatic Hernia Treated With Extracorporeal Life Support: Interim Guidelines Consensus Statement From the Extracorporeal Life Support Organization. ASAIO Journal, 2021, 67, 113-120.	1.6	35
26	Survival Benefit Associated With the Use of Extracorporeal Life Support for Neonates With Congenital Diaphragmatic Hernia. Annals of Surgery, 2022, 275, e256-e263.	4.2	31
27	Outcomes of infants with congenital diaphragmatic hernia treated with venovenous versus venoarterial extracorporeal membrane oxygenation: A propensity score approach. Journal of Pediatric Surgery, 2018, 53, 2092-2099.	1.6	28
28	Improving gastroschisis outcomes: Does birth place matter?. Journal of Pediatric Surgery, 2014, 49, 1771-1775.	1.6	27
29	Right versus left congenital diaphragmatic hernia â€“ What's the difference?. Journal of Pediatric Surgery, 2018, 53, 113-117.	1.6	27
30	Surgical Repair of Congenital Diaphragmatic Hernia After Extracorporeal Membrane Oxygenation Cannulation. Annals of Surgery, 2021, 274, 186-194.	4.2	27
31	Extracorporeal Membrane Oxygenation (ECMO) Risk Stratification in Newborns with Congenital Diaphragmatic Hernia (CDH). Journal of Pediatric Surgery, 2018, 53, 1890-1895.	1.6	24
32	When children become adults and adults become most hypercoagulable after trauma. Journal of Trauma and Acute Care Surgery, 2016, 80, 778-782.	2.1	23
33	Trends in Mortality and Risk Characteristics of Congenital Diaphragmatic Hernia Treated With Extracorporeal Membrane Oxygenation. ASAIO Journal, 2019, 65, 509-515.	1.6	23
34	Potential survival benefit with repair of congenital diaphragmatic hernia (CDH) after extracorporeal membrane oxygenation (ECMO) in select patients: Study by ELSO CDH Interest Group. Journal of Pediatric Surgery, 2019, 54, 1132-1137.	1.6	23
35	Laboratory evaluation for pediatric patients with suspected necrotizing soft tissue infections: A caseâ€“control study. Journal of Pediatric Surgery, 2016, 51, 1022-1025.	1.6	22
36	Early Left Ventricular Dysfunction and Severe Pulmonary Hypertension Predict Adverse Outcomes in â€œLow-Riskâ€•Congenital Diaphragmatic Hernia. Pediatric Critical Care Medicine, 2020, 21, 637-646.	0.5	21

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37	Development and Validation of Extracorporeal Membrane Oxygenation Mortality-Risk Models for Congenital Diaphragmatic Hernia. ASAIO Journal, 2018, 64, 785-794.	1.6	20
38	Establishing a regional pediatric trauma preventable/potentially preventable death rate. Pediatric Surgery International, 2020, 36, 179-189.	1.4	19
39	Management preferences in ECMO mode for congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2019, 54, 903-908.	1.6	14
40	Image-based prenatal predictors correlate with postnatal survival, extracorporeal life support use, and defect size in left congenital diaphragmatic hernia. Journal of Perinatology, 2022, 42, 1195-1201.	2.0	13
41	Regional Differences in Cerebral Edema After Traumatic Brain Injury Identified by Impedance Analysis. Journal of Surgical Research, 2010, 159, 557-564.	1.6	12
42	Extracellular vesicles influence the pulmonary arterial extracellular matrix in congenital diaphragmatic hernia. Pediatric Pulmonology, 2020, 55, 2402-2411.	2.0	12
43	Perturbations in Endothelial Dysfunction-Associated Pathways in the Nitrofen-Induced Congenital Diaphragmatic Hernia Model. Journal of Vascular Research, 2018, 55, 26-34.	1.4	11
44	Clinical features and outcomes associated with tracheostomy in congenital diaphragmatic hernia. Pediatric Pulmonology, 2020, 55, 90-101.	2.0	10
45	Incidence and outcomes of patients with congenital diaphragmatic hernia and pulmonary sequestration. Journal of Pediatric Surgery, 2021, 56, 1126-1129.	1.6	10
46	In-Hospital Morbidities for Neonates with Congenital Diaphragmatic Hernia: The Impact of Defect Size and Laterality. Journal of Pediatrics, 2022, 240, 94-101.e6.	1.8	10
47	Morphometric and Physiologic Modeling Study for Endovascular Occlusion in Pediatric Trauma Patients. ASAIO Journal, 2020, 66, 97-104.	1.6	9
48	Variation across centers in standardized mortality ratios for congenital diaphragmatic hernia receiving extracorporeal life support. Journal of Pediatric Surgery, 2022, 57, 606-613.	1.6	9
49	Extracellular Vesicles Attenuate Nitrofen-Mediated Human Pulmonary Artery Endothelial Dysfunction: Implications for Congenital Diaphragmatic Hernia. Stem Cells and Development, 2020, 29, 967-980.	2.1	8
50	Cornelia de Lange syndrome and congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2021, 56, 697-699.	1.6	8
51	Cardiac energy metabolism may play a fundamental role in congenital diaphragmatic hernia-associated ventricular dysfunction. Journal of Molecular and Cellular Cardiology, 2021, 157, 14-16.	1.9	8
52	Bone marrow-derived mononuclear cell populations in pediatric and adult patients. Cytotherapy, 2009, 11, 480-484.	0.7	7
53	A Multicenter Study of Nutritional Adequacy inÂNeonatal and Pediatric Extracorporeal Life Support. Journal of Surgical Research, 2020, 249, 67-73.	1.6	7
54	Can We Identify Futility in Kids? An Evaluation of Admission Parameters Predicting 100% Mortality in 1,292 Severely Injured Children. Journal of the American College of Surgeons, 2018, 226, 662-667.	0.5	6

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55	Inborn Versus Outborn Delivery in Neonates With Congenital Diaphragmatic Hernia. Journal of Surgical Research, 2022, 270, 245-251.	1.6	6
56	Congenital diaphragmatic hernia and associated omphalocele: a study from the CDHSG registry. Journal of Pediatric Surgery, 2020, 55, 2099-2104.	1.6	5
57	Birth weight predicts patient outcomes in infants who undergo congenital diaphragmatic hernia repair. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 6823-6829.	1.5	5
58	Telemedicine as a component of forward triage in a pandemic. Healthcare, 2021, 9, 100567.	1.3	5
59	A Morphometric Model for Endovascular Occlusion of The Retrohepatic Vena Cava in Pediatric Trauma. Journal of Surgical Research, 2019, 241, 215-221.	1.6	4
60	Identifying risk factors for enteral access procedures in neonates with congenital diaphragmatic hernia: A novel risk-assessment score. Journal of Pediatric Surgery, 2021, 56, 1130-1134.	1.6	3
61	Risk Factors for Hemolysis During Extracorporeal Life Support for Congenital Diaphragmatic Hernia. Journal of Surgical Research, 2021, 263, 14-23.	1.6	3
62	Surgical management of gynecologic rhabdomyosarcoma. Current Treatment Options in Oncology, 2004, 5, 109-118.	3.0	2
63	Neonatal rodent ventilation and clinical correlation in congenital diaphragmatic hernia. Pediatric Pulmonology, 2022, 57, 1600-1607.	2.0	2
64	Rapunzel Syndrome. Pancreas, 2019, 48, e38-e39.	1.1	1
65	Injury Severity, Arrival Physiology, Coagulopathy, and Outcomes Among the Youngest Trauma Patients. Journal of Surgical Research, 2021, 264, 236-241.	1.6	1
66	Obstructing colon mass in the setting of intestinal nonâ€rotation. ANZ Journal of Surgery, 2019, 89, 1327-1329.	0.7	0
67	Introduction. Seminars in Perinatology, 2020, 44, 151162.	2.5	0
68	Extracellular Vesicles as Therapy for CDH-associated Pulmonary Hypoplasia: Extra! Extra! Read All About Autophagy!. American Journal of Respiratory and Critical Care Medicine, 0, , .	5.6	0