Steven M Schwartz

List of Publications by Year
in descending order

108	3,882	147726 31	133188 59
papers	citations	h-index	g-index

113	113	113	3312
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Interstage mortality after the Norwood procedure: Results of the multicenter Single Ventricle Reconstruction trial. Journal of Thoracic and Cardiovascular Surgery, 2012, 144, 896-906.	0.4	317
2	Brain magnetic resonance imaging abnormalities after the Norwood procedure using regional cerebral perfusion. Journal of Thoracic and Cardiovascular Surgery, 2006, 131, 190-197.	0.4	202
3	Severe left ventricular hypertrophy in pediatric dialysis: prevalence and predictors. Pediatric Nephrology, 2000, 14, 898-902.	0.9	200
4	Combined Steroid Treatment for Congenital Heart Surgery Improves Oxygen Delivery and Reduces Postbypass Inflammatory Mediator Expression. Circulation, 2003, 107, 2823-2828.	1.6	162
5	Risk, Clinical Features, and Outcomes of Thrombosis Associated With Pediatric Cardiac Surgery. Circulation, 2011, 124, 1511-1519.	1.6	155
6	Brain magnetic resonance imaging abnormalities after the Norwood procedure using regional cerebral perfusion. Journal of Thoracic and Cardiovascular Surgery, 2005, 130, 1523-1530.	0.4	151
7	Usefulness of corticosteroid therapy in decreasing epinephrine requirements in critically ill infants with congenital heart disease. American Journal of Cardiology, 2001, 88, 591-594.	0.7	134
8	Consensus Recommendations for RBC Transfusion Practice in Critically Ill Children From the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. Pediatric Critical Care Medicine, 2018, 19, 884-898.	0.2	132
9	Collaborative quality improvement in the cardiac intensive care unit: development of the Paediatric Cardiac Critical Care Consortium (PC⁴). Cardiology in the Young, 2015, 25, 951-957.	0.4	121
10	Evaluation of left ventricular mass in children with left-sided congenital diaphragmatic hernia. Journal of Pediatrics, 1994, 125, 447-451.	0.9	110
11	Clinical Epidemiology of Extubation Failure in the Pediatric Cardiac ICU. Pediatric Critical Care Medicine, 2015, 16, 837-845.	0.2	108
12	Changes in left ventricular mass in children and adolescents during chronic dialysis. Pediatric Nephrology, 2001, 16, 318-323.	0.9	98
13	Unrecognized Pulmonary Venous Desaturation Early After Norwood Palliation Confounds Q̀ı‡p:Q̀ı‡s Assessment and Compromises Oxygen Delivery. Circulation, 2001, 103, 2699-2704.	1.6	80
14	First-stage palliation for hypoplastic left heart syndrome in the twenty-first century. Annals of Thoracic Surgery, 2002, 73, 331-339.	0.7	75
15	Critical aortic stenosis in the neonate. Journal of Thoracic and Cardiovascular Surgery, 1995, 109, 147-154.	0.4	69
16	Changes in left ventricular mass index in children and adolescents after renal transplantation. Pediatric Transplantation, 2001, 5, 279-284.	0.5	69
17	Thrombotic Complications and Thromboprophylaxis Across All Three Stages of Single Ventricle Heart Palliation. Journal of Pediatrics, 2012, 161, 513-519.e3.	0.9	69
18	Point Prevalence Survey of Antimicrobial Utilization in the Cardiac and Pediatric Critical Care Unit. Pediatric Critical Care Medicine, 2013, 14, e280-e288.	0.2	65

#	Article	IF	Citations
19	Remote Ischemic Preconditioning in Children Undergoing Cardiac Surgery With Cardiopulmonary Bypass: A Singleâ€Center Doubleâ€Blinded Randomized Trial. Journal of the American Heart Association, 2014, 3, .	1.6	58
20	Recommendations on RBC Transfusion in Infants and Children With Acquired and Congenital Heart Disease From the Pediatric Critical Care Transfusion and Anemia Expertise Initiative. Pediatric Critical Care Medicine, 2018, 19, S137-S148.	0.2	57
21	Improved Outcomes Associated With Intraoperative Steroid Use in High-Risk Pediatric Cardiac Surgery. Annals of Thoracic Surgery, 2011, 91, 1222-1227.	0.7	56
22	Improvement in Pediatric Cardiac Surgical Outcomes Through InterhospitalÂCollaboration. Journal of the American College of Cardiology, 2019, 74, 2786-2795.	1.2	55
23	The global burden of paediatric heart disease. Cardiology in the Young, 2017, 27, S3-S8.	0.4	52
24	Glucocorticoids reduce ischemia-reperfusion-induced myocardial apoptosis in immature hearts. Annals of Thoracic Surgery, 2002, 74, 830-837.	0.7	50
25	Longer Blood Storage Is Associated With Suboptimal Outcomes in High-Risk Pediatric Cardiac Surgery. Annals of Thoracic Surgery, 2012, 93, 1563-1569.	0.7	50
26	Cellular and molecular aspects of myocardial dysfunction. Critical Care Medicine, 2001, 29, S214-S219.	0.4	49
27	Hyperglycemia after pediatric cardiac surgery: Impact of age and residual lesions*. Critical Care Medicine, 2011, 39, 266-272.	0.4	42
28	Calpain inhibition decreases endothelin-1 levels and pulmonary hypertension after cardiopulmonary bypass with deep hypothermic circulatory arrest*. Critical Care Medicine, 2005, 33, 623-628.	0.4	41
29	Risk factors for prolonged length of stay after the stage 2 procedure inÂthe single-ventricle reconstruction trial. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1791-1798.e4.	0.4	41
30	Extracorporeal Cardiopulmonary Resuscitation: One-Year Survival and Neurobehavioral Outcome Among Infants and Children With In-Hospital Cardiac Arrest*. Critical Care Medicine, 2019, 47, 393-402.	0.4	41
31	Impact of Major Residual Lesions onÂOutcomes After Surgery for Congenital Heart Disease. Journal of the American College of Cardiology, 2021, 77, 2382-2394.	1.2	35
32	Report of the National Heart, Lung, and Blood Institute Working Group. Circulation, 2016, 133, 1410-1418.	1.6	33
33	Efficacy of Evolving Early-Extubation Strategy on Early Postoperative Functional Recovery in Pediatric Open-Heart Surgery. Seminars in Cardiothoracic and Vascular Anesthesia, 2014, 18, 290-296.	0.4	32
34	The Pediatric Heart Network Residual Lesion Score Study: Design and objectives. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 218-223.e1.	0.4	32
35	Collagen content in normal, pressure, and pressure-volume overloaded developing human hearts. American Journal of Cardiology, 1996, 77, 734-738.	0.7	31
36	A randomized clinical trial of age and genotypeâ€guided tacrolimus dosing after pediatric solid organ transplantation. Pediatric Transplantation, 2018, 22, e13285.	0.5	31

#	Article	IF	Citations
37	Impact of prenatal diagnosis on the management and early outcome of critical duct-dependent cardiac lesions. Cardiology in the Young, 2018, 28, 548-553.	0.4	30
38	Glucocorticoids reduce cardiac dysfunction after cardiopulmonary bypass and circulatory arrest in neonatal piglets. Pediatric Critical Care Medicine, 2004, 5, 28-34.	0.2	29
39	Contemporary Outcomes and Factors Associated With Mortality After a Fetal or Neonatal Diagnosis of Ebstein Anomaly and Tricuspid Valve Disease. Canadian Journal of Cardiology, 2016, 32, 1500-1506.	0.8	29
40	Epidemiology of Noninvasive Ventilation in Pediatric Cardiac ICUs*. Pediatric Critical Care Medicine, 2017, 18, 949-957.	0.2	29
41	Glucocorticoids Preserve Calpastatin and Troponin I during Cardiopulmonary Bypass in Immature Pigs. Pediatric Research, 2003, 54, 91-97.	1.1	28
42	ACCF/AHA/AAP Recommendations for Training in Pediatric Cardiology. A Report of the American College of Cardiology Foundation/American Heart Association/American College of Physicians Task Force on Clinical Competence (ACC/AHA/AAP Writing Committee to Develop Training Recommendations) Tj ETQq0 0 0 rgBT /Overlock 1	1.6	27
43	Systemic Inflammation Increases Energy Expenditure Following Pediatric Cardiopulmonary Bypass. Pediatric Critical Care Medicine, 2015, 16, 343-351.	0.2	27
44	Single-ventricle physiology. Critical Care Clinics, 2003, 19, 393-411.	1.0	25
45	Duration of Postoperative Mechanical Ventilation as a Quality Metric for Pediatric Cardiac Surgical Programs. Annals of Thoracic Surgery, 2018, 105, 615-621.	0.7	25
46	Prenatal Diagnosis of Transposition of the Great Arteries Reduces Postnatal Mortality: A Population-Based Study. Canadian Journal of Cardiology, 2020, 36, 1592-1597.	0.8	25
47	ACC/AHA/AAP RECOMMENDATIONS FOR TRAINING IN PEDIATRIC CARDIOLOGY. Pediatrics, 2005, 116, 1574-1575.	1.0	23
48	Preoperative glucocorticoids decrease pulmonary hypertension in piglets after cardiopulmonary bypass and circulatory arrest. Annals of Thoracic Surgery, 2004, 77, 994-1000.	0.7	22
49	National Aeronautics and Space Administration â€œthreat and errorâ€•model applied to pediatric cardiac surgery: Error cycles precede â^¼85% of patient deaths. Journal of Thoracic and Cardiovascular Surgery, 2015, 149, 496-507.e4.	0.4	22
50	Insulin resistance and inflammation are a cause of hyperglycemia after pediatric cardiopulmonary bypass surgery. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 498-504.e1.	0.4	22
51	Management and Outcomes of Patients with Occlusive Thrombosis after Pediatric Cardiac Surgery. Journal of Pediatrics, 2016, 169, 146-153.	0.9	21
52	Neonatal physiology of the functionally univentricular heart. Cardiology in the Young, 2004, 14, 52-60.	0.4	20
53	Heparin-Induced Thrombocytopenia Complicating Support by the Berlin Heart. ASAIO Journal, 2005, 51, 820-825.	0.9	20
54	Supplemental inhaled gases alter tidal volume delivery and measurement. Pediatric Critical Care Medicine, 2005, 6, 150-153.	0.2	19

#	Article	IF	Citations
55	Medical errors: The performance gap in hypoplastic left heart syndrome and physiologic equivalents?. Journal of Thoracic and Cardiovascular Surgery, 2013, 145, 1465-1475.	0.4	19
56	Nutrition and Mesenteric Issues in Pediatric Cardiac Critical Care. Pediatric Critical Care Medicine, 2016, 17, S243-S249.	0.2	19
57	Nutrition Considerations in the Pediatric Cardiac Intensive Care Unit Patient. World Journal for Pediatric & Congenital Heart Surgery, 2018, 9, 333-343.	0.3	19
58	Chasing the 6-sigma: Drawing lessons from the cockpit culture. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 690-696.e1.	0.4	18
59	Oral Triiodothyronine Normalizes Triiodothyronine Levels After Surgery for Pediatric Congenital Heart Disease*. Pediatric Critical Care Medicine, 2013, 14, 701-708.	0.2	17
60	NASA Model of â€œThreat and Errorâ€•in Pediatric Cardiac Surgery: Patterns of ErrorÂChains. Annals of Thoracic Surgery, 2017, 103, 1300-1307.	0.7	16
61	Task Force 5: Requirements for Pediatric Cardiac Critical Care. Journal of the American College of Cardiology, 2005, 46, 1396-1399.	1.2	15
62	Extracorporeal Membrane Oxygenation (ECMO) Support in Special Patient Populationsâ€”The Bidirectional Glenn and Fontan Circulations. Frontiers in Pediatrics, 2018, 6, 299.	0.9	15
63	The Impact of the Left Ventricle on Right Ventricular Function and Clinical Outcomes in Infants with Singleâ€“Right Ventricle Anomalies up to 14ÂMonths of Age. Journal of the American Society of Echocardiography, 2018, 31, 1151-1157.	1.2	15
64	Thrombotic occlusion of the main stem of the left coronary artery in a neonate. Cardiology in the Young, 1999, 9, 189-191.	0.4	14
65	Outcomes in Patients with Persistent Ventricular Dysfunction After Stage I Palliation for Hypoplastic Left Heart Syndrome. Pediatric Cardiology, 2016, 37, 239-247.	0.6	14
66	Variation in care for infants undergoing the Stage II palliation for hypoplastic left heart syndrome. Cardiology in the Young, 2018, 28, 1109-1115.	0.4	14
67	Development of an international standard set of clinical and patient-reported outcomes for children and adults with congenital heart disease: a report from the International Consortium for Health Outcomes Measurement Congenital Heart Disease Working Group. European Heart Journal Quality of Care & Clinical Outcomes, 2021, 7, 354-365.	1.8	13
68	Dose Derivation of Once-Daily Dosing Guidelines for Gentamicin in Critically Ill Pediatric Patients. Therapeutic Drug Monitoring, 2014, 36, 288-294.	1.0	10
69	Can V‹scp›co‹/scp›‹sub›2‹/sub›â€Based Estimates of Resting Energy Expenditure Replace the Need for Indirect Calorimetry in Critically Ill Children?. Journal of Parenteral and Enteral Nutrition, 2017, 41, 619-624.	1.3	10
70	Predictive value of bronchoscopy after infant cardiac surgery: a prospective study. Intensive Care Medicine, 2012, 38, 1851-1857.	3.9	9
71	Hemodynamic effects of sustained postoperative cardiac resynchronization therapy in infants after repair of congenital heart disease: Results of a randomized clinical trial. Heart Rhythm, 2017, 14, 240-247.	0.3	8
72	Understanding Chest Pain: What Every Psychologist Should Know. Journal of Clinical Psychology in Medical Settings, 1999, 6, 333-351.	0.8	7

#	Article	IF	Citations
73	Pediatric Cardiac Intensive Care Society 2014 Consensus Statement. Pediatric Critical Care Medicine, 2016, 17, S16-S19.	0.2	7
74	Prelisting predictions of early postoperative survival in infant heart transplantation using classification and regression tree analysis. Pediatric Transplantation, 2018, 22, e13105.	0.5	6
75	Intensivist-Led Team Approach to Critical Care of Children With Heart Disease: In Reply. Pediatrics, 2006, 117, 1856-1857.	1.0	5
76	Endocrinologic Diseases in Pediatric Cardiac Intensive Care. Pediatric Critical Care Medicine, 2016, 17, S296-S301.	0.2	5
77	Feeding May Modulate the Relationship Between Systemic Inflammation, Insulin Resistance, and Poor Outcome Following Cardiopulmonary Bypass for Pediatric Cardiac Surgery. Journal of Parenteral and Enteral Nutrition, 2020, 44, 308-317.	1.3	5
78	Medical cardiovascular support in acute viral myocarditis in children. Pediatric Critical Care Medicine, 2006, 7, S12-S16.	0.2	4
79	Rapid Advancement in Enteral Nutrition Does Not Affect Systemic Inflammation and Insulin Homeostasis Following Pediatric Cardiopulmonary Bypass Surgery*. Pediatric Critical Care Medicine, 2020, 21, e441-e448.	0.2	4
80	Blood Pressure in Critically Ill Children: Exploratory Analyses of Concurrent Invasive and Noninvasive Measurements. , 2021, 3, e0586.		4
81	Lipid levels and emotional distress among healthy male college students. Stress and Health, 1999, 15, 159-165.	0.6	3
82	Endocrinopathies in the Cardiac ICU. World Journal for Pediatric & Congenital Heart Surgery, 2011, 2, 400-410.	0.3	3
83	Pharmacological Manipulation of Peripheral Vascular Resistance in Single Ventricle Patients (Stages I,) Tj ETQq1 1 0.784314 rgBT /Ove	0.8	3
84	Is Glucose Metabolism Important for Patients on Extracorporeal Membrane Oxygenation?*. Pediatric Critical Care Medicine, 2015, 16, 296-297.	0.2	3
85	Can an automated early warning system derived from continuous physiologic monitoring prevent disaster?. Journal of Thoracic and Cardiovascular Surgery, 2016, 152, 3-4.	0.4	3
86	Education and Training in Pediatric Cardiac Critical Care: International Perspectives. World Journal for Pediatric & Congenital Heart Surgery, 2019, 10, 769-777.	0.3	3
87	Standardisation of management after Norwood operation has not improved 1-year outcomes. Cardiology in the Young, 2021, 31, 105-113.	0.4	3
88	Single Ventricle Lesions. , 2014, , 397-415.		3
89	Medical and Nursing Care of the Child on Mechanical Circulatory Support. Pediatric Critical Care Medicine, 2013, 14, S43-S50.	0.2	2
90	Tattered and Torn. Critical Care Medicine, 2014, 42, 1314-1315.	0.4	2

#	Article	IF	Citations
91	Acute Right Ventricular Failure. , 2009, , 213-219.		2
92	Structure and Function of the Heart. , 2011, , 199-216.		1
93	Sedation Practices in Pediatric Cardiac ICUs After Cardiopulmonary Bypass*. Pediatric Critical Care Medicine, 2016, 17, 369-370.	0.2	1
94	What predicts risk and what defines outcomes in congenital heart disease?. Journal of Thoracic and Cardiovascular Surgery, 2017, 154, 618-619.	0.4	1
95	Should magnesium be routine for arrhythmia prevention?. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 762.	0.4	1
96	Corticosteroids for CongenitalÂHeartÂSurgery. Journal of the American College of Cardiology, 2019, 74, 669-671.	1.2	1
97	Can We Still Improve Survival Outcomes of Neonatal Biventricular Repairs?. Annals of Thoracic Surgery, 2021, 111, 199-205.	0.7	1
98	ARTERIAL O2 SATURATION ALONE DOES NOT PREDICT PULMONARY TO SYSTEMIC BLOOD FLOW RATIO IN THE POST-OPERATIVE NORWOOD PATIENT. Critical Care Medicine, 1999, 27, A40.	0.4	1
99	We Can Safely and Effectively Implement Tight Glycemic Control in the Pediatric Cardiac ICU. Pediatric Critical Care Medicine, 2013, 14, 328-329.	0.2	0
100	Life in the Fast Lane. Pediatric Critical Care Medicine, 2014, 15, 276-277.	0.2	0
101	Is This Heart Going to Work?*. Pediatric Critical Care Medicine, 2014, 15, 909-910.	0.2	0
102	Are Ketones a Window on the Risk Attributable to Hyperglycemia After Pediatric Heart Surgery?*. Pediatric Critical Care Medicine, 2016, 17, 889-890.	0.2	0
103	Is My Patient Too Blue? Who Can Benefit From Early Intervention After a Bidirectional Cavopulmonary Anastomosis?*. Pediatric Critical Care Medicine, 2018, 19, 81-82.	0.2	0
104	Commentary: Why the Y-graft?. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 665-666.	0.4	0
105	Distribution and Clinical Signs of Venous, Arterial and Intracardiac Clots After Pediatric Cardiac Surgery.. Blood, 2009, 114, 3992-3992.	0.6	0
106	Developing Techniques: The Future of Monitoring. , 2014, , 901-914.		0
107	Peri-operative Care of the Child with Congenital Heart Disease. , 2014, , 329-351.		0
108	Abstract 10996: Predictors of Surgical Reintervention Before Bidirectional Cavopulmonary Shunt in Children with Single Ventricle Physiology Who Underwent Main Pulmonary Artery Banding. Circulation, 2021, 144, .	1.6	0