## Steven J Staffa

List of Publications by Year in descending order

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Version: 2024-02-01

430874 454955 1,465 124 18 30 citations g-index h-index papers 125 125 125 1467 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Five Steps to Successfully Implement and Evaluate Propensity Score Matching in Clinical Research Studies. Anesthesia and Analgesia, 2018, 127, 1066-1073.	2.2	135
2	Preoperative stimulation of resolution and inflammation blockade eradicates micrometastases. Journal of Clinical Investigation, 2019, 129, 2964-2979.	8.2	94
3	A Novel Biological Strategy for Myocardial Protection by Intracoronary Delivery of Mitochondria: Safety and Efficacy. JACC Basic To Translational Science, 2019, 4, 871-888.	4.1	61
4	Preischemic autologous mitochondrial transplantation by intracoronary injection for myocardial protection. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, e15-e29.	0.8	53
5	Endoscopic Esophageal Vacuum Therapy. Journal of Pediatric Gastroenterology and Nutrition, 2018, 67, 706-712.	1.8	48
6	Quantile Regression and Its Applications: A Primer for Anesthesiologists. Anesthesia and Analgesia, 2019, 128, 820-830.	2.2	48
7	Epidemiology of childhood death in Australian and New Zealand intensive care units. Intensive Care Medicine, 2019, 45, 1262-1271.	8.2	47
8	A comparison of videolaryngoscopy using standard blades or non-standard blades in children in the Paediatric Difficult Intubation Registry. British Journal of Anaesthesia, 2021, 126, 331-339.	3 <b>.</b> 4	40
9	High-dose versus low-dose tranexamic acid for paediatric craniosynostosis surgery: a double-blind randomised controlled non-inferiority trial. British Journal of Anaesthesia, 2020, 125, 336-345.	3.4	30
10	Endoscopic Electrocautery Incisional Therapy as a Treatment for Refractory Benign Pediatric Esophageal Strictures. Journal of Pediatric Gastroenterology and Nutrition, 2018, 67, 464-468.	1.8	27
11	Injury-to-Admission Delay Beyond 4 Hours Is Associated with Worsening Outcomes for Traumatic Brain Injury in Cambodia. World Neurosurgery, 2019, 126, e232-e240.	1.3	26
12	Prospective External Validation of the Pediatric Risk Assessment Score in Predicting Perioperative Mortality in Children Undergoing Noncardiac Surgery. Anesthesia and Analgesia, 2019, 129, 1014-1020.	2.2	26
13	Non–beta blocker enantiomers of propranolol and atenolol inhibit vasculogenesis in infantile hemangioma. Journal of Clinical Investigation, 2022, 132, .	8.2	26
14	Statistical power and sample size calculations: A primer for pediatric surgeons. Journal of Pediatric Surgery, 2020, 55, 1173-1179.	1.6	25
15	Calculation of Confidence Intervals for Differences in Medians Between Groups and Comparison of Methods. Anesthesia and Analgesia, 2020, 130, 542-546.	2.2	24
16	Long-term outcomes of truncus arteriosus repair: A modulated renewal competing risks analysis. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 224-236.e6.	0.8	21
17	An updated meta-analysis of MitraClip versus surgery for mitral regurgitation. Annals of Cardiothoracic Surgery, 2021, 10, 1-14.	1.7	21
18	Strategies in adjusting for multiple comparisons: A primer for pediatric surgeons. Journal of Pediatric Surgery, 2020, 55, 1699-1705.	1.6	20

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19	Predictors of Need for Liver Transplantation in Children Undergoing Hepatoportoenterostomy for Biliary Atresia. Journal of Pediatric Surgery, 2019, 54, 1127-1131.	1.6	19
20	Esophagitis in Pediatric Esophageal Atresia. Journal of Pediatric Gastroenterology and Nutrition, 2019, 69, 163-170.	1.8	19
21	Airway Abnormalities in Patients With Congenital Heart Disease: Incidence and Associated Factors. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 139-144.	1.3	18
22	Does the Current American Society of Anesthesiologists Physical Status Classification Represent the Chronic Disease Burden in Children Undergoing General Anesthesia?. Anesthesia and Analgesia, 2019, 129, 1175-1180.	2.2	17
23	Trends in mortality rate in patients with congenital heart disease undergoing noncardiac surgical procedures at children's hospitals. Scientific Reports, 2021, 11, 1543.	3.3	17
24	The Pediatric-Specific American Society of Anesthesiologists Physical Status Score: A Multicenter Study. Anesthesia and Analgesia, 2021, 132, 807-817.	2.2	17
25	The Practice of Pediatric Cardiac Anesthesiology in the United States. Anesthesia and Analgesia, 2022, 134, 532-539.	2.2	17
26	Inclusion of nonâ€Englishâ€speaking patients in research: A single institution experience. Paediatric Anaesthesia, 2018, 28, 415-420.	1.1	16
27	Effectiveness of a multicomponent safe surgery intervention on improving surgical quality in Tanzania's Lake Zone: protocol for a quasi-experimental study. BMJ Open, 2019, 9, e031800.	1.9	16
28	Utility of repeated therapeutic endoscopies for pediatric esophageal anastomotic strictures. Ecological Management and Restoration, 2020, 33, .	0.4	16
29	Incidence and long-term outcome of heart transplantation patients who develop postoperative renal failure requiring dialysis. Journal of Heart and Lung Transplantation, 2022, 41, 356-364.	0.6	16
30	Hybrid strategy in neonates with ductal-dependent systemic circulation and multiple risk factors. Journal of Thoracic and Cardiovascular Surgery, 2022, 164, 1291-1303.e6.	0.8	16
31	Is Abdominal Sonography a Useful Adjunct to Abdominal Radiography in Evaluating Neonates with Suspected Necrotizing Enterocolitis?. Journal of the American College of Surgeons, 2020, 230, 903-911e2.	0.5	15
32	Impact of Different Cardiopulmonary Bypass Strategies on Renal Injury After Pediatric Heart Surgery. Annals of Thoracic Surgery, 2021, 111, 1374-1379.	1.3	15
33	Haemoglobin response to senicapoc in patients with sickle cell disease: a reâ€analysis of the Phase III trial. British Journal of Haematology, 2021, 192, e129-e132.	2.5	15
34	Correlation of Soft Tissue Swelling and Timing to Surgery With Acute Wound Complications for Operatively Treated Ankle and Other Lower Extremity Fractures. Foot and Ankle International, 2019, 40, 526-536.	2.3	14
35	Using Reticulocyte Hemoglobin Equivalent as a Marker for Iron Deficiency and Responsiveness to Iron Therapy. Mayo Clinic Proceedings, 2021, 96, 1510-1519.	3.0	13
36	Implementing a Pediatric Perioperative Surgical Home Integrated Care Coordination Pathway for Laryngeal Cleft Repair. Anesthesia and Analgesia, 2019, 129, 1053-1060.	2.2	11

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37	Longitudinal Analysis of Ventilation Perfusion Mismatch in Congenital Diaphragmatic Hernia Survivors. Journal of Pediatrics, 2020, 219, 160-166.e2.	1.8	11
38	Effect of Primary Occlusion Therapy in Asymmetric, Bilateral Amblyopia. American Journal of Ophthalmology, 2020, 211, 87-93.	3 <b>.</b> 3	11
39	Symptomatic COVID-19 infections in outpatient image-guided corticosteroid injection patients during the lockdown phase. Skeletal Radiology, 2021, 50, 1117-1123.	2.0	11
40	Improving surgical quality in low-income and middle-income countries: why do some health facilities perform better than others?. BMJ Quality and Safety, 2021, 30, 937-949.	3.7	11
41	Race and Outcomes in Patients with Congenital Cardiac Disease in an Enhanced Recovery Program. Journal of Cardiothoracic and Vascular Anesthesia, 2022, 36, 3603-3609.	1.3	11
42	Induction techniques for pediatric patients with congenital heart disease undergoing noncardiac procedures are influenced by cardiac functional status and residual lesion burden. Journal of Clinical Anesthesia, 2018, 50, 14-17.	1.6	10
43	Comprehensive Risk Assessment of Morbidity in Pediatric Patients Undergoing Noncardiac Surgery: An Institutional Experience. Anesthesia and Analgesia, 2020, 131, 1607-1615.	2.2	10
44	Reducing Cardiac Arrests in the PICU: Initiative to Improve Time to Administration of Prearrest Bolus Epinephrine in Patients With Cardiac Disease*. Critical Care Medicine, 2020, 48, e542-e549.	0.9	10
45	Endoscopic incisional therapy and other novel strategies for effective treatment of congenital esophageal stenosis. Journal of Pediatric Surgery, 2020, 55, 2342-2347.	1.6	10
46	Management strategies for recurrent pediatric craniopharyngioma: new recommendations. Journal of Neurosurgery: Pediatrics, 2021, 27, 548-555.	1.3	10
47	Virtual reality prototype for binocular therapy in older children and adults with amblyopia. Journal of AAPOS, 2021, 25, 217.e1-217.e6.	0.3	10
48	Noninvasive assessment of liver fibrosis in pediatric intestinal failure patients using liver stiffness measurement by Vibration-Controlled Transient Elastography. Journal of Pediatric Surgery, 2019, 54, 1174-1178.	1.6	9
49	Maximizing Plastic Surgery Education Impact. Plastic and Reconstructive Surgery - Global Open, 2019, 7, e2252.	0.6	9
50	Effect of Penalty Minute Rule Change on Injuries and Game Disqualification Penalties in High School Ice Hockey. American Journal of Sports Medicine, 2019, 47, 438-443.	4.2	9
51	Pediatric hematology normal ranges derived from pediatric primary care patients. American Journal of Hematology, 2020, 95, E255.	4.1	9
52	The Liver Retransplantation Risk Score: a prognostic model for survival after adult liver retransplantation. Transplant International, 2021, 34, 1928-1937.	1.6	9
53	Trend and Outcomes for Surgical Versus Transcatheter Patent Ductus Arteriosus Closure in Neonates and Infants at US Children's Hospitals. Journal of the American Heart Association, 2022, 11, e022776.	3.7	9
54	Presentation and outcomes of postâ€transplant lymphoproliferative disorder at a single institution pediatric transplant center. Pediatric Transplantation, 2022, 26, e14268.	1.0	9

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55	Competing risks analysis of time-to-event data for cardiovascular surgeons. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 2459-2466.e5.	0.8	8
56	The Association Between Race and Adverse Postoperative Outcomes in Children With Congenital Heart Disease Undergoing Noncardiac Surgery. Anesthesia and Analgesia, 2021, , .	2.2	8
57	Outcomes of a multicomponent safe surgery intervention in Tanzania's Lake Zone: a prospective, longitudinal study. International Journal for Quality in Health Care, 2021, 33, .	1.8	8
58	Statistical evaluation of diagnostic tests: A primer for pediatric surgeons. Journal of Pediatric Surgery, 2019, 54, 799-804.	1.6	7
59	Online Learning and Residents' Acquisition of Mechanical Ventilation Knowledge: Sequencing Matters. Critical Care Medicine, 2020, 48, e1-e8.	0.9	7
60	Fluoroscopically guided lumbar spine interlaminar and transforaminal epidural injections: inadvertent intravascular injection. Acta Radiologica, 2020, 61, 1534-1540.	1.1	7
61	Pharmacogenomics fail to explain proton pump inhibitor refractory esophagitis in pediatric esophageal atresia. Neurogastroenterology and Motility, 2022, 34, e14217.	3.0	7
62	A multimodal mentorship intervention to improve surgical quality in Tanzania's Lake Zone: a convergent, mixed methods assessment. Human Resources for Health, 2021, 19, 115.	3.1	7
63	Identifying Characteristics Predictive of Lost-to-Follow-Up Status in Amblyopia. American Journal of Ophthalmology, 2021, 230, 200-206.	3.3	7
64	lvy sign: a diagnostic and prognostic biomarker for pediatric moyamoya. Journal of Neurosurgery: Pediatrics, 2022, 29, 458-466.	1.3	7
65	A survey of the global impact of COVIDâ€19 on the practice of pediatric anesthesia: A study from the pediatric anesthesia COVIDâ€19 Collaborative Group. Paediatric Anaesthesia, 2021, 31, 720-729.	1.1	6
66	Anesthesia in Children with Pulmonary Hypertension: Clinically Significant Serious Adverse Events Associated with Cardiac Catheterization and Non-Cardiac Procedures. Journal of Cardiothoracic and Vascular Anesthesia, 2022, , .	1.3	6
67	Donorâ€toâ€recipient weight ratio is a risk factor for hepatic artery thrombosis after wholeâ€liver transplantation in children under 25Âkg. Pediatric Transplantation, 2020, 24, e13623.	1.0	5
68	Evaluating Amblyopia Treatment Success Using the American Academy of Ophthalmology IRIS50 Measures. Ophthalmology, 2020, 127, 836-838.	5.2	5
69	Predictors of Increased Lactate in Neonatal Cardiac Surgery: The Impact of Cardiopulmonary Bypass. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 148-153.	1.3	5
70	Prophylactic negative vacuum therapy of high-risk esophageal anastomoses in pediatric patients. Journal of Pediatric Surgery, 2021, 56, 944-950.	1.6	5
71	Incidental Pathologic Findings in Young Adult Reduction Mammaplasty. Plastic and Reconstructive Surgery, 2021, 147, 391-400.	1.4	5
72	Abdominal ultrasound findings contribute to a multivariable predictive risk score for surgical necrotizing enterocolitis: A pilot study. American Journal of Surgery, 2021, 222, 1034-1039.	1.8	5

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73	Synergy in Nanomedicine: What It Is Not, and What It Might Be. Nano Letters, 2021, 21, 5457-5460.	9.1	5
74	Long-term assessment of bilirubin and transaminase trends in pediatric intestinal failure patients during the era of hepatoprotective parenteral nutrition. Journal of Pediatric Surgery, 2022, 57, 122-126.	1.6	5
75	A Single Center Case Series of Gender-Affirming Surgeries and the Evolution of a Specialty Anesthesia Team. Journal of Clinical Medicine, 2022, 11, 1943.	2.4	5
76	Incidence and predictors of postoperative nausea and vomiting in children undergoing electrophysiology ablation procedures. Paediatric Anaesthesia, 2020, 30, 147-152.	1.1	4
77	Guidelines for improving the use and presentation of P values. Journal of Thoracic and Cardiovascular Surgery, 2021, 161, 1367-1372.	0.8	4
78	Postoperative MR imaging surveillance of pediatric craniopharyngioma: new institutional guidelines. Child's Nervous System, 2021, 37, 853-861.	1.1	4
79	Hyperlactataemia as a predictor of adverse outcomes post-cardiac surgery in neonates with congenital heart disease. Cardiology in the Young, 2021, 31, 1401-1406.	0.8	4
80	Nutrition delivery and growth outcomes in infants with long-gap esophageal atresia who undergo the Foker process. Journal of Pediatric Surgery, 2021, 56, 2133-2139.	1.6	4
81	Effect of Sequential and Simultaneous Patching Regimens in Unilateral Amblyopia. American Journal of Ophthalmology, 2022, 233, 48-56.	3.3	4
82	DTI and MTR Measures of Nerve Fiber Integrity in Pediatric Patients With Ankle Injury. Frontiers in Pediatrics, 2021, 9, 656843.	1.9	4
83	Initial Esophageal Anastomosis Diameter Predicts Treatment Outcomes in Esophageal Atresia Patients With a High Risk for Stricture Development. Frontiers in Pediatrics, 2021, 9, 710363.	1.9	4
84	Feeding and Growth Outcomes in Infants with Type C Esophageal Atresia Who Undergo Early Primary Repair. Journal of Pediatrics, 2022, 241, 77-82.e1.	1.8	4
85	Surgical Safety Checklist Use and Postâ€Caesarean Sepsis in the Lake Zone of Tanzania: Results from Safe Surgery 2020. World Journal of Surgery, 2022, 46, 303-309.	1.6	4
86	The Role of Chronic Conditions in Outcomes Following Noncardiac Surgery in Children with Congenital Heart Disease. Journal of Pediatrics, 2022, , .	1.8	4
87	Biological laterality and peripheral nerve DTI metrics. PLoS ONE, 2021, 16, e0260256.	2.5	4
88	Current State of Nutrition Education in Pediatric Critical Care Medicine Fellowship Programs in the United States and Canada. Pediatric Critical Care Medicine, 2020, 21, e769-e775.	0.5	3
89	Hospital-Associated Venous Thromboembolism in a Pediatric Cardiac ICU: A Multivariable Predictive Algorithm to Identify Children at High Risk. Pediatric Critical Care Medicine, 2020, 21, e362-e368.	0.5	3
90	Predictors of anti-reflux procedure failure in complex esophageal atresia patients. Journal of Pediatric Surgery, 2022, 57, 1321-1330.	1.6	3

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91	Dosing of Opioid Medications During and After Pediatric Cardiac Surgery for Children With Down Syndrome. Journal of Cardiothoracic and Vascular Anesthesia, 2021, , .	1.3	3
92	The Outcomes of Pediatric Hematopoietic Stem Cell Transplantation Recipients Requiring Intensive Care Unit Admission- A Single Center Experience. Translational Perioperative and Pain Medicine, 2019, 6, 75-80.	0.1	3
93	Impact of Adding Augmented Superior Rectus Transpositions to Medial Rectus Muscle Recessions When Treating Esotropic Moebius Syndrome. American Journal of Ophthalmology, 2022, 237, 83-90.	3.3	3
94	Endoscopic strip craniectomy with orthotic helmeting for safe improvement of head growth in children with Apert syndrome. Journal of Neurosurgery: Pediatrics, 2022, 29, 659-666.	1.3	3
95	A Survey of the Congenital Cardiac Anesthesia Society on the Use and Clinical Application of Near- Infrared Tissue Oximetry in Pediatric Cardiac Surgery. Journal of Cardiothoracic and Vascular Anesthesia, 2022, 36, 3617-3625.	1.3	3
96	Qualitative features of esophageal fluorescence angiography and anastomotic outcomes in children. Journal of Pediatric Surgery, 2023, 58, 1359-1367.	1.6	3
97	The Use of Regional Catheters in Children Undergoing Repair of Aortic Coarctation. Journal of Cardiothoracic and Vascular Anesthesia, 2021, 35, 3694-3699.	1.3	2
98	Evaluating Surgical Decision-making in Nonsyndromic Sagittal Craniosynostosis Using a Digital 3D Model. Plastic and Reconstructive Surgery - Global Open, 2021, 9, e3493.	0.6	2
99	Sequestration of Midazolam, Fentanyl, and Morphine by an Ex Vivo Cardiopulmonary Bypass Circuit. ASAIO Journal, 2021, 67, 1342-1348.	1.6	2
100	Elective Non-Urgent Balloon-Atrial Septostomy in Infants with d-Transposition of the Great Arteries Does Not Eliminate the Need for PGE1 Therapy at the Time of Arterial Switch Operation. Pediatric Cardiology, 2021, 42, 597-605.	1.3	2
101	Difficult tracheal intubation and perioperative outcomes in patients with congenital heart disease: A retrospective study. Journal of Clinical Anesthesia, 2022, 76, 110565.	1.6	2
102	Radiographic assessment of traction-induced esophageal growth and traction-related complications of the Foker process for treatment of long-gap esophageal atresia. Pediatric Radiology, 2022, 52, 468-476.	2.0	2
103	Patient-perceived barriers to surgical treatment of cleft lip and palate in Brazil: AÂmulti-region study. Journal of Plastic, Reconstructive and Aesthetic Surgery, 2022, 75, 2375-2386.	1.0	2
104	Relationship of Imaging-guided Corticosteroid Injections to COVID-19 Incidence in the Pandemic Recovery Period. Radiology, 2023, 306, 237-243.	7.3	2
105	Comparison of outcomes following thoracoscopic versus thoracotomy closure for persistent patent ductus arteriosus. Cardiology in the Young, 2020, 30, 1433-1438.	0.8	1
106	Preoperative hematocrit and platelet count are associated with blood loss during spinal fusion for children with neuromuscular scoliosis. Journal of Perioperative Practice, 2021, , 175045892096263.	0.5	1
107	Timing of Ocular Hypertension After Pediatric Closed-Globe Traumatic Hyphema: Implications for Surveillance. American Journal of Ophthalmology, 2022, 233, 135-143.	3.3	1
108	Importance of Preserved Tricuspid Valve Function for Effective Soft Robotic Augmentation of the Right Ventricle in Cases of Elevated Pulmonary Artery Pressure. Cardiovascular Engineering and Technology, 2021, , 1.	1.6	1

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109	Risk Factors for Aseptic Revision of Operatively Treated Ankle Fractures. Foot and Ankle International, 2022, 43, 378-388.	2.3	1
110	COVIDâ€19 pandemic as impetus for sustained utilization of home peripheral nerve catheter program. Paediatric Anaesthesia, 2022, 32, 482-484.	1.1	1
111	Impact of Parental Primary Spoken Language on Postoperative Pain Management in Children, a Retrospective Cohort Study. Children, 2022, 9, 739.	1.5	1
112	Commentary: Confidence intervals are only one piece of the puzzle. Journal of Thoracic and Cardiovascular Surgery, 2020, , .	0.8	0
113	Commentary: In pursuit of the truth for applying randomized controlled trial results to individual patients. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 764-765.	0.8	0
114	Home Run Derby Participation in Major League Baseball Players: Is There Associated Injury Risk and Impact on Second-Half Performance?. Orthopaedic Journal of Sports Medicine, 2021, 9, 232596712098335.	1.7	0
115	Epidural analgesia for reduction of postoperative systemic opioid use following selective dorsal rhizotomy in children. Journal of Neurosurgery: Pediatrics, 2021, 27, 594-599.	1.3	0
116	Trends in Mode of Gynecologic Surgery for Benign Disease in Brazil. Journal of Gynecologic Surgery, 2021, 37, 337-344.	0.1	O
117	Comparing standard and non-standard videolaryngoscopes in children: methodological issues. Response to Br J Anaesth 2021; 127: e52–e4. British Journal of Anaesthesia, 2021, 127, e172-e173.	3.4	O
118	Reliability of an Observational Biomechanical Analysis Tool in Adolescent Baseball Pitchers. International Journal of Sports Physical Therapy, 2021, 16, 1523-1531.	1.3	0
119	Evaluating Provider Self-Disclosure in Adolescent Contraception Counseling. Journal of Pediatric and Adolescent Gynecology, 2022, , .	0.7	0
120	Early Experiences Designing a Scalable COVID-19 Reusable Elastomeric Respirator. Journal of Medical Devices, Transactions of the ASME, 2022, 16, .	0.7	0
121	Post-operative vomiting and enhanced recovery after congenital cardiac surgery. Cardiology in the Young, 2023, 33, 260-265.	0.8	0
122	Abstract 12502: Transcatheter Patent Ductus Arteriosus Closure is Associated With Improved Outcomes Compared to Surgical Ligation. Circulation, 2021, 144, .	1.6	0
123	Are SER-II Ankle Fractures Anatomic? Computed Tomography Demonstrates Mortise Malalignment in the Setting of Apparently Normal Radiographs. Foot and Ankle Specialist, 2022, , 193864002210938.	1.0	0
124	Die Vaskulogenese des infantilen HÄrnangioms kann durch Propranolol und Atenolol ohne Wirkung an Betarezeptoren gehemmt werden. Laryngo- Rhino- Otologie, 2022, , .	0.2	0