KuoJen Tsao

List of Publications by Year in descending order

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136	3,803	33	56
papers	citations	h-index	g-index
136	136	136	3299
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Thoracoscopic decortication vs tube thoracostomy with fibrinolysis for empyema in children: a prospective, randomized trial. Journal of Pediatric Surgery, 2009, 44, 106-111.	0.8	255
2	Thoracoscopic lobectomy for prenatally diagnosed lung lesions. Journal of Pediatric Surgery, 2003, 38, 553-555.	0.8	171
3	Selective reduction of acardiac twin by radiofrequency ablation. American Journal of Obstetrics and Gynecology, 2002, 187, 635-640.	0.7	161
4	Resolution of hydrops fetalis in congenital cystic adenomatoid malformation after prenatal steroid therapy. Journal of Pediatric Surgery, 2003, 38, 508-510.	0.8	145
5	Single daily dosing ceftriaxone and metronidazole vs standard triple antibiotic regimen for perforated appendicitis in children: a prospective randomized trial. Journal of Pediatric Surgery, 2008, 43, 981-985.	0.8	127
6	Spectrum of intrapartum management strategies for giant fetal cervical teratoma. Journal of Pediatric Surgery, 2003, 38, 446-450.	0.8	122
7	Minimally invasive repair of congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2011, 46, 1158-1164.	0.8	122
8	The Congenital Diaphragmatic Hernia Study Group: a voluntary international registry. Seminars in Pediatric Surgery, 2008, 17, 90-97.	0.5	102
9	Evaluation of Variability in Inhaled Nitric Oxide Use and Pulmonary Hypertension in Patients With Congenital Diaphragmatic Hernia. JAMA Pediatrics, 2016, 170, 1188.	3.3	98
10	VACTERL anomalies in patients with esophageal atresia: an updated delineation of the spectrum and review of the literature. Pediatric Surgery International, 2007, 23, 309-313.	0.6	81
11	Operative vs Nonoperative Management for Blunt Pancreatic Transection in Children: Multi-Institutional Outcomes. Journal of the American College of Surgeons, 2014, 218, 157-162.	0.2	74
12	Current significance of meconium plug syndrome. Journal of Pediatric Surgery, 2008, 43, 896-898.	0.8	72
13	Resource utilization and outcomes from percutaneous drainage and interval appendectomy for perforated appendicitis with abscess. Journal of Pediatric Surgery, 2008, 43, 977-980.	0.8	70
14	Abdominal Complications Related to Type of Repair for Congenital Diaphragmatic Hernia. Journal of Surgical Research, 2007, 140, 234-236.	0.8	67
15	Acute Appendicitis: Controversies in Diagnosis and Management. Current Problems in Surgery, 2013, 50, 54-86.	0.6	64
16	Minimally Invasive vs Open Congenital Diaphragmatic Hernia Repair: Is There a Superior Approach?. Journal of the American College of Surgeons, 2017, 224, 416-422.	0.2	64
17	Characteristics of congenital cystic adenomatoid malformations associated with nonimmune hydrops and outcome. Journal of Pediatric Surgery, 2007, 42, 1351-1356.	0.8	63
18	Minimal vs extensive esophageal mobilization during laparoscopic fundoplication: a prospective randomized trial. Journal of Pediatric Surgery, 2011, 46, 163-168.	0.8	60

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19	Fetal Treatment 2017: The Evolution of Fetal Therapy Centers - A Joint Opinion from the International Fetal Medicine and Surgical Society (IFMSS) and the North American Fetal Therapy Network (NAFTNet). Fetal Diagnosis and Therapy, 2017, 42, 241-248.	0.6	60
20	Identifying Children at Very Low Risk for Blunt Intra-Abdominal Injury in Whom CT of the Abdomen Can Be Avoided Safely. Journal of the American College of Surgeons, 2017, 224, 449-458e3.	0.2	59
21	Factors associated with early recurrence after congenital diaphragmatic hernia repair. Journal of Pediatric Surgery, 2017, 52, 928-932.	0.8	57
22	Subsequent pregnancy outcomes after open maternal-fetal surgery for myelomeningocele. American Journal of Obstetrics and Gynecology, 2019, 220, 494.e1-494.e7.	0.7	55
23	Primary malignant pancreatic neoplasms in children and adolescents: A 20year experience. Journal of Pediatric Surgery, 2012, 47, 2199-2204.	0.8	51
24	Too much of a bad thing: Discharge opioid prescriptions in pediatric appendectomy patients. Journal of Pediatric Surgery, 2018, 53, 2374-2377.	0.8	49
25	Congenital H-type tracheoesophageal fistula: A multicenter review of outcomes in a rare disease. Journal of Pediatric Surgery, 2017, 52, 1711-1714.	0.8	45
26	Multifaceted interventions improve adherence to the surgical checklist. Surgery, 2014, 156, 336-344.	1.0	42
27	Focused assessment with sonography for trauma in children after blunt abdominal trauma. Journal of Trauma and Acute Care Surgery, 2017, 83, 218-224.	1.1	41
28	Laparoscopic duodenal atresia repair using surgical U-clips: a novel technique. Surgical Endoscopy and Other Interventional Techniques, 2007, 21, 1023-1024.	1.3	38
29	Impact of a 24-hour discharge pathway on outcomes of pediatric appendectomy. Surgery, 2014, 156, 455-461.	1.0	38
30	Current Selection Criteria and Perioperative Therapy Used for Fetal Myelomeningocele Surgery. Obstetrics and Gynecology, 2016, 127, 593-597.	1.2	38
31	The digital divide in adoption and use of mobile health technology among caregivers of pediatric surgery patients. Journal of Pediatric Surgery, 2018, 53, 1478-1493.	0.8	38
32	Early, Postnatal Pulmonary Hypertension Severity Predicts Inpatient Outcomes in Congenital Diaphragmatic Hernia. Neonatology, 2021, 118, 147-154.	0.9	37
33	Aggressive Surgical Management of Congenital Diaphragmatic Hernia: Worth the Effort?. Annals of Surgery, 2018, 267, 977-982.	2.1	36
34	The Impact of Socioeconomic Status on Appendiceal Perforation inÂPediatric Appendicitis. Journal of Pediatrics, 2016, 170, 156-160.e1.	0.9	35
35	Safety Culture: An Integration of Existing Models and a Framework for Understanding Its Development. Human Factors, 2021, 63, 88-110.	2.1	35
36	Quality Check of a Quality Measure: Surgical Wound Classification Discrepancies Impact Risk-Stratified Surgical Site Infection Rates in Pediatric Appendicitis. Journal of the American College of Surgeons, 2013, 217, 969-973.	0.2	34

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37	Surgical Wound Misclassification: A Multicenter Evaluation. Journal of the American College of Surgeons, 2015, 220, 323-329.	0.2	33
38	Prenatal Therapy for Thoracic and Mediastinal Lesions. World Journal of Surgery, 2003, 27, 77-83.	0.8	32
39	Component separation for complex congenital abdominal wall defects: not just for adults anymore. Journal of Pediatric Surgery, 2013, 48, 2525-2529.	0.8	32
40	Enhanced neonatal surgical site infection prediction model utilizing statistically and clinically significant variables in combination with a machine learning algorithm. American Journal of Surgery, 2018, 216, 764-777.	0.9	31
41	Treatment of Bronchopleural Fistula With Small Intestinal Mucosa and Fibrin Glue Sealant. Annals of Thoracic Surgery, 2007, 84, 1383-1386.	0.7	29
42	Culture of safety: A foundation for patient care. Seminars in Pediatric Surgery, 2015, 24, 283-287.	0.5	29
43	Beyond surgical care improvement program compliance: antibiotic prophylaxis implementation gaps. American Journal of Surgery, 2013, 206, 451-456.	0.9	28
44	Adherence to surgical antibiotic prophylaxis remains a challenge despite multifaceted interventions. Surgery, 2015, 158, 413-419.	1.0	28
45	The use of fundoplication for prevention of apparent life-threatening events. Journal of Pediatric Surgery, 2007, 42, 1022-1025.	0.8	27
46	The impact of chylothorax on neonates with repaired congenital diaphragmatic hernia. Journal of Pediatric Surgery, 2013, 48, 724-729.	0.8	27
47	Predictors of emesis and time to goal intake after pyloromyotomy: analysis from a prospective trial. Journal of Pediatric Surgery, 2008, 43, 2038-2041.	0.8	26
48	Management of Pediatric Acute Appendicitis in the Computed Tomographic Era. Journal of Surgical Research, 2008, 147, 221-224.	0.8	26
49	Current Application of Thoracoscopy in Children. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2008, 18, 131-135.	0.5	25
50	Should We Be Concerned About Jejunoileal Atresia During Repair of Duodenal Atresia?. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2010, 20, 773-775.	0.5	25
51	The utility of the contrast enema in neonates with suspected Hirschsprung disease. Journal of Pediatric Surgery, 2015, 50, 963-966.	0.8	25
52	Acute procedural interventions after pediatric blunt abdominal trauma. Journal of Trauma and Acute Care Surgery, 2017, 83, 597-602.	1.1	24
53	A straightforward technique for removal of the substernal bar after the Nuss operation. Journal of Pediatric Surgery, 2007, 42, 1789-1791.	0.8	23
54	Are we missing the near misses in the OR?â€"underreporting of safety incidents in pediatric surgery. Journal of Surgical Research, 2018, 221, 336-342.	0.8	23

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55	Chest radiograph after central line placement under fluoroscopy: utility or futility?. Journal of Pediatric Surgery, 2008, 43, 854-856.	0.8	22
56	Laparoscopic Versus Open Distal Pancreatectomy in the Management of Traumatic Pancreatic Disruption. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2012, 22, 595-598.	0.5	21
57	Cryoanalgesia enhances recovery from minimally invasive repair of pectus excavatum resulting in reduced length of stay: A case-matched analysis of NSQIP-Pediatric patients. Journal of Pediatric Surgery, 2021, 56, 1099-1102.	0.8	21
58	Extrapleural thoracoscopic repair of esophageal atresia with tracheoesophageal fistula. Pediatric Surgery International, 2005, 21, 308-310.	0.6	19
59	Comparison of drainage techniques for biliary atresia. Journal of Pediatric Surgery, 2003, 38, 1005-1007.	0.8	18
60	Surgical Management of the Newborn with Congenital Diaphragmatic Hernia. Fetal Diagnosis and Therapy, 2011, 29, 46-54.	0.6	18
61	Debriefing: the forgotten phase of the surgical safety checklist. Journal of Surgical Research, 2017, 213, 222-227.	0.8	18
62	Hospital type predicts computed tomography use for pediatric appendicitis. Journal of Pediatric Surgery, 2019, 54, 723-727.	0.8	17
63	What Is the Quality of Reporting of Studies of Interventions to Increase Compliance with Antibiotic Prophylaxis?. Journal of the American College of Surgeons, 2013, 217, 770-779.	0.2	16
64	Surgical resident education in patient safety: where can we improve?. Journal of Surgical Research, 2015, 199, 308-313.	0.8	16
65	Approaching zero: Implications of a computed tomography reduction program for pediatric appendicitis evaluation. Journal of Pediatric Surgery, 2017, 52, 1909-1915.	0.8	16
66	Innovations in the Surgical Management of Congenital Diaphragmatic Hernia. Clinics in Perinatology, 2012, 39, 363-374.	0.8	15
67	Variability in the evalution of pediatric blunt abdominal trauma. Pediatric Surgery International, 2019, 35, 479-485.	0.6	15
68	Povidone-iodine Irrigation for Pediatric Perforated Appendicitis May Be Protective. Annals of Surgery, 2020, 271, 827-833.	2.1	15
69	Fetal tracheal occlusion for congenital diaphragmatic hernia. Seminars in Perinatology, 2020, 44, 151164.	1.1	14
70	Care Levels for Fetal Therapy Centers. Obstetrics and Gynecology, 2022, 139, 1027-1042.	1.2	14
71	Safety culture among pediatric surgeons: A national survey of attitudes and perceptions of patient safety. Journal of Pediatric Surgery, 2018, 53, 381-395.	0.8	13
72	Mode of delivery and mortality among neonates with gastroschisis: A populationâ€based cohort in Texas. Paediatric and Perinatal Epidemiology, 2019, 33, 204-212.	0.8	13

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73	Early Administration of Magnesium Sulfate during Open Fetal Myelomeningocele Repair Reduces the Dose of Inhalational Anesthesia. Fetal Diagnosis and Therapy, 2019, 45, 192-196.	0.6	12
74	Home Antibiotics at Discharge for Pediatric Complicated Appendicitis: Friend or Foe?. Journal of the American College of Surgeons, 2018, 227, 247-254.	0.2	11
75	Cryoanalgesia is Associated With Decreased Postoperative Opioid Use in Minimally Invasive Repair of Pectus Excavatum. Journal of Surgical Research, 2022, 271, 1-6.	0.8	11
76	Hepatocellular Carcinoma Survival in Uninsured and Underinsured Patients. Journal of Surgical Research, 2011, 166, 189-193.	0.8	10
77	Surgical wound classification for pediatric appendicitis remains poorly documented despite targeted interventions. Journal of Pediatric Surgery, 2015, 50, 915-918.	0.8	10
78	How Should Surgical Residents Be Educated About Patient Safety: A Pilot Randomized Controlled Trial. Journal of Surgical Education, 2016, 73, 660-667.	1.2	10
79	Does compliance with antibiotic prophylaxis in pediatric simple appendicitis matter?. Journal of Surgical Research, 2017, 216, 1-8.	0.8	10
80	Increased complications in pediatric surgery are associated with comorbidities and not with Down syndrome itself. Journal of Surgical Research, 2018, 230, 125-130.	0.8	10
81	Entrapped Fourth Ventricle. Journal of Ultrasound in Medicine, 2002, 21, 91-96.	0.8	9
82	Imaging gently? Higher rates of computed tomography imaging for pediatric appendicitis in non–children's hospitals. Surgery, 2017, 161, 1326-1333.	1.0	9
83	Tunneled central venous catheters in pediatric intestinal failure: a single-center experience. Journal of Surgical Research, 2018, 231, 346-351.	0.8	9
84	Certification Process of Fetal Centers in Texas and Developing National Guidelines. Obstetrics and Gynecology, 2020, 135, 141-147.	1.2	9
85	Fetal interventions in the setting of the coronavirus disease 2019 pandemic: statement from the North American Fetal Therapy Network. American Journal of Obstetrics and Gynecology, 2020, 223, 281-284.	0.7	9
86	Barriers to Transition to Home From the Neonatal Intensive Care Unit. Journal of Perinatal and Neonatal Nursing, 2021, 35, 340-349.	0.5	9
87	Prenatal Therapy for Obstructive Uropathy. World Journal of Surgery, 2003, 27, 62-67.	0.8	8
88	A multicenter, pediatric quality improvement initiative improves surgical wound class assignment, but is it enough?. Journal of Pediatric Surgery, 2016, 51, 639-644.	0.8	8
89	The impact of cardiac risk factors on short-term outcomes for children undergoing a Ladd procedure. Journal of Pediatric Surgery, 2017, 52, 390-394.	0.8	8
90	The Impact of Sociodemographic and Hospital Factors on Length of Stay Before and After Pyloromyotomy. Journal of Surgical Research, 2019, 239, 1-7.	0.8	8

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91	Standardized Discharge Antibiotics May Reduce Readmissions in Pediatric Perforated Appendicitis. Journal of Surgical Research, 2020, 255, 388-395.	0.8	8
92	Clinical Practice Guideline Nonadherence and Patient Outcomes in Pediatric Appendicitis. Journal of Surgical Research, 2021, 257, 135-141.	0.8	8
93	Don't forget the dose: Improving computed tomography dosing for pediatric appendicitis. Journal of Pediatric Surgery, 2016, 51, 1944-1948.	0.8	7
94	Prophylactic versus symptomatic Ladd procedures for pediatric malrotation. Journal of Surgical Research, 2016, 205, 327-330.	0.8	7
95	Barriers and facilitators of CT scan reduction in the workup of pediatric appendicitis: A pediatric surgical quality collaborative qualitative study. Journal of Pediatric Surgery, 2022, 57, 582-588.	0.8	7
96	Surgical site infection reporting: more than meets the agar. Journal of Pediatric Surgery, 2017, 52, 156-160.	0.8	6
97	Advances in perioperative quality and safety. Seminars in Pediatric Surgery, 2018, 27, 92-101.	0.5	6
98	Room for "quality―improvement? Validating National Surgical Quality Improvement Program-Pediatric (NSQIP-P) appendectomy data. Journal of Pediatric Surgery, 2019, 54, 97-102.	0.8	6
99	Risk factors for nonaccidental burns in children. Surgery Open Science, 2020, 2, 117-121.	0.5	6
100	Early discharge after nonoperative management of intussusception is both safe and cost-effective. Journal of Pediatric Surgery, 2022, 57, 147-152.	0.8	6
101	Pediatric tracheobronchial injury after blunt trauma. Journal of Trauma and Acute Care Surgery, 2017, 83, 554-556.	1.1	5
102	Preventing patient harm via adverse event review: An APSA survey regarding the role of morbidity and mortality (M&M) conference. Journal of Pediatric Surgery, 2019, 54, 1872-1877.	0.8	5
103	Costs associated with postoperative intra-abdominal abscess in pediatric perforated appendicitis: A retrospective cohort study. Surgery, 2022, , .	1.0	5
104	Adherence to the Pediatric Preinduction Checklist Is Improved When Parents Are Engaged in Performing the Checklist. Surgery, 2018, 164, 344-349.	1.0	4
105	Let the right one in: High admission rate for low-acuity pediatric burns. Surgery, 2019, 165, 360-364.	1.0	4
106	Suture techniques and patch materials using an in-vitro model for watertight closure of in-utero spina bifida repair. Journal of Pediatric Surgery, 2020, 55, 726-731.	0.8	4
107	Preoperative Opioids Associated With Increased Postoperative Opioid Use in Pediatric Appendicitis. Journal of Surgical Research, 2020, 255, 144-151.	0.8	4
108	Current status of subspecialization in pediatric surgery: A focus on fetal surgery. Journal of Pediatric Surgery, 2022, 57, 610-615.	0.8	4

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109	Is the changing landscape of fellowship recruitment during COVID-19 here to stay?. Journal of Pediatric Surgery, 2022, 57, 445-450.	0.8	4
110	Operative Time Is Independently Associated With Morbidity in Pediatric Complicated Appendicitis. Journal of Surgical Research, 2022, 276, 143-150.	0.8	4
111	A comparison of chest tubes versus bulb-suction drains in pediatric thoracic surgery. Journal of Pediatric Surgery, 2007, 42, 812-814.	0.8	3
112	Blood Utilization in Children Managed Non-Operatively for Blunt Solid Organ Injury. Journal of Surgical Research, 2008, 147, 237-239.	0.8	3
113	Fractional Limb Volume in Spina Bifida Fetuses as an Assessment Tool for Postnatal Ambulation. Fetal Diagnosis and Therapy, 2020, 47, 529-535.	0.6	3
114	Prophylactic intraabdominal drains do not confer benefit in pediatric perforated appendicitis: Results from a quality improvement initiative. Journal of Pediatric Surgery, 2021, 56, 727-732.	0.8	3
115	Multi-institutional experience with penetrating pancreatic injuries in children. Pediatric Surgery International, 2014, 30, 1107-1110.	0.6	2
116	How Should Surgical Residents Be Educated about Patient Safety in the Operating Room: A Pilot Randomized Trial. Journal of the American College of Surgeons, 2015, 221, S127-S128.	0.2	2
117	Ganglioneuroma of the pancreas in a 4-year-old girl. BMJ Case Reports, 2016, 2016, bcr2016217425.	0.2	2
118	Characteristics and predictors of intensive care unit admission in pediatric blunt abdominal trauma. Pediatric Surgery International, 2022, 38, 589-597.	0.6	2
119	Variation in opioid utilization among neonates with gastroschisis. Journal of Pediatric Surgery, 2021, 56, 1113-1116.	0.8	1
120	Prenatal and Postnatal Imaging Findings After Fetal Repair of Spinal Dysraphisms Using Cryopreserved Human Umbilical Cord Patch: A Case Series of 4 Patients. Journal of Computer Assisted Tomography, 2020, 44, 998-1007.	0.5	1
121	Placental Location in Maternal-Fetal Surgery for Myelomeningocele. Fetal Diagnosis and Therapy, 2021,	0.6	1
122	Postnatal Minimal Access Surgery for Birth Defects. Pediatric Endosurgery and Innovative Techniques: Part B of Journal of Laparoendoscopic and Advanced Surgical Techniques, 2002, 6, 131-141.	0.2	0
123	Emergent cardiopulmonary support circuit to allow tracheo-bronchial foreign body removal. Progress in Pediatric Cardiology, 2008, 24, 127-129.	0.2	0
124	QS252. Management of Acute Appendicitis in the CT Era. Journal of Surgical Research, 2008, 144, 367-368.	0.8	0
125	1557: CHARACTERISTICS AND PREDICTORS OF INTENSIVE CARE UNIT ADMISSION IN PEDIATRIC BLUNT ABDOMINAL TRAUMA. Critical Care Medicine, 2016, 44, 464-464.	0.4	0
126	Age Is Just a Number: Disease Severity and Prematurity Increase the Risk of Surgical Site Infection in Children Undergoing Gastrointestinal Surgery. Journal of the American College of Surgeons, 2017, 225, S147-S148.	0.2	0

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127	Home Antibiotics for Perforated Appendicitis: Friend or Foe of Antibiotic Stewardship?. Journal of the American College of Surgeons, 2017, 225, e135.	0.2	O
128	Surgical Site Infection Prevention Practices for Infants Vary Significantly among Pediatric Surgeons: A Survey of the Pediatric Surgical Research Collaborative. Journal of the American College of Surgeons, 2018, 227, S165-S166.	0.2	0
129	Highs and Lows of Discharge Opioid Prescribing in Common Pediatric Surgical Procedures. Journal of the American College of Surgeons, 2018, 227, S196-S197.	0.2	0
130	Postoperative White Blood Cell Count Is an Independent Predictor of Intra-Abdominal Abscess in Complicated Appendicitis. Journal of the American College of Surgeons, 2019, 229, S213.	0.2	0
131	Birth Weight Best Predicts Patient Outcomes in Infants Who Undergo Congenital Diaphragmatic Hernia Repair. Journal of the American College of Surgeons, 2019, 229, e165.	0.2	0
132	Cost Analysis of a Bayesian Randomized Trial of Povidone-lodine Intra-Abdominal Irrigation in Pediatric Perforated Appendicitis. Journal of the American College of Surgeons, 2020, 231, S193-S194.	0.2	0
133	Implementation of a Parent-centered Approach to the Preinduction Checklist in Pediatric Surgery. Journal of Surgical Research, 2021, 257, 455-461.	0.8	0
134	Low Transverse versus Midline Abdominal Skin Incisions for in utero Spina Bifida Repair. Fetal Diagnosis and Therapy, 2021, 48, 174-182.	0.6	0
135	Variability in opioid prescribing practices, knowledge, and beliefs: A survey of providers caring for pediatric surgical patients. Journal of Pediatric Surgery, 2021, , .	0.8	0
136	Response to the Letter to Editor: Standard Discharge Antibiotics may Reduce Readmissions in Pediatric Perforated Appendicitis. Journal of Surgical Research, 2021, 267, 728.	0.8	0