

KuoJen Tsao

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122
papers

2,784
citations

29
h-index

48
g-index

136
ext. papers

3,345
ext. citations

2.4
avg, IF

4.86
L-index

#	Paper	IF	Citations
122	Thoracoscopic decortication vs tube thoracostomy with fibrinolysis for empyema in children: a prospective, randomized trial. <i>Journal of Pediatric Surgery</i> , 2009 , 44, 106-11; discussion 111	2.6	208
121	Thoracoscopic lobectomy for prenatally diagnosed lung lesions. <i>Journal of Pediatric Surgery</i> , 2003 , 38, 553-5	2.6	149
120	Selective reduction of acardiac twin by radiofrequency ablation. <i>American Journal of Obstetrics and Gynecology</i> , 2002 , 187, 635-40	6.4	135
119	Resolution of hydrops fetalis in congenital cystic adenomatoid malformation after prenatal steroid therapy. <i>Journal of Pediatric Surgery</i> , 2003 , 38, 508-10	2.6	119
118	Single daily dosing ceftriaxone and metronidazole vs standard triple antibiotic regimen for perforated appendicitis in children: a prospective randomized trial. <i>Journal of Pediatric Surgery</i> , 2008 , 43, 981-5	2.6	105
117	Spectrum of intrapartum management strategies for giant fetal cervical teratoma. <i>Journal of Pediatric Surgery</i> , 2003 , 38, 446-50; discussion 446-50	2.6	102
116	Minimally invasive repair of congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2011 , 46, 1158-64	2.6	100
115	The Congenital Diaphragmatic Hernia Study Group: a voluntary international registry. <i>Seminars in Pediatric Surgery</i> , 2008 , 17, 90-7	2.1	81
114	VACTERL anomalies in patients with esophageal atresia: an updated delineation of the spectrum and review of the literature. <i>Pediatric Surgery International</i> , 2007 , 23, 309-13	2.1	67
113	Resource utilization and outcomes from percutaneous drainage and interval appendectomy for perforated appendicitis with abscess. <i>Journal of Pediatric Surgery</i> , 2008 , 43, 977-80	2.6	56
112	Evaluation of Variability in Inhaled Nitric Oxide Use and Pulmonary Hypertension in Patients With Congenital Diaphragmatic Hernia. <i>JAMA Pediatrics</i> , 2016 , 170, 1188-1194	8.3	56
111	Abdominal complications related to type of repair for congenital diaphragmatic hernia. <i>Journal of Surgical Research</i> , 2007 , 140, 234-6	2.5	55
110	Operative vs nonoperative management for blunt pancreatic transection in children: multi-institutional outcomes. <i>Journal of the American College of Surgeons</i> , 2014 , 218, 157-62	4.4	54
109	Current significance of meconium plug syndrome. <i>Journal of Pediatric Surgery</i> , 2008 , 43, 896-8	2.6	52
108	Characteristics of congenital cystic adenomatoid malformations associated with nonimmune hydrops and outcome. <i>Journal of Pediatric Surgery</i> , 2007 , 42, 1351-6	2.6	52
107	Acute appendicitis: controversies in diagnosis and management. <i>Current Problems in Surgery</i> , 2013 , 50, 54-86	2.8	51
106	Minimal vs extensive esophageal mobilization during laparoscopic fundoplication: a prospective randomized trial. <i>Journal of Pediatric Surgery</i> , 2011 , 46, 163-8	2.6	51

105	Primary malignant pancreatic neoplasms in children and adolescents: a 20 year experience. <i>Journal of Pediatric Surgery</i> , 2012 , 47, 2199-204	2.6	43
104	Identifying Children at Very Low Risk for Blunt Intra-Abdominal Injury in Whom CT of the Abdomen Can Be Avoided Safely. <i>Journal of the American College of Surgeons</i> , 2017 , 224, 449-458.e3	4.4	38
103	Factors associated with early recurrence after congenital diaphragmatic hernia repair. <i>Journal of Pediatric Surgery</i> , 2017 , 52, 928-932	2.6	36
102	Impact of a 24-hour discharge pathway on outcomes of pediatric appendectomy. <i>Surgery</i> , 2014 , 156, 455-61	3.6	35
101	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). <i>Fetal Diagnosis and Therapy</i> , 2017 , 42, 241-248	2.4	35
100	Laparoscopic duodenal atresia repair using surgical U-clips: a novel technique. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2007 , 21, 1023-4	5.2	35
99	Minimally Invasive vs Open Congenital Diaphragmatic Hernia Repair: Is There a Superior Approach?. <i>Journal of the American College of Surgeons</i> , 2017 , 224, 416-422	4.4	32
98	Focused assessment with sonography for trauma in children after blunt abdominal trauma: A multi-institutional analysis. <i>Journal of Trauma and Acute Care Surgery</i> , 2017 , 83, 218-224	3.3	31
97	Multifaceted interventions improve adherence to the surgical checklist. <i>Surgery</i> , 2014 , 156, 336-44	3.6	31
96	Too much of a bad thing: Discharge opioid prescriptions in pediatric appendectomy patients. <i>Journal of Pediatric Surgery</i> , 2018 , 53, 2374-2377	2.6	31
95	Congenital H-type tracheoesophageal fistula: A multicenter review of outcomes in a rare disease. <i>Journal of Pediatric Surgery</i> , 2017 , 52, 1711-1714	2.6	29
94	Subsequent pregnancy outcomes after open maternal-fetal surgery for myelomeningocele. <i>American Journal of Obstetrics and Gynecology</i> , 2019 , 220, 494.e1-494.e7	6.4	29
93	Surgical wound misclassification: a multicenter evaluation. <i>Journal of the American College of Surgeons</i> , 2015 , 220, 323-9	4.4	29
92	Quality check of a quality measure: surgical wound classification discrepancies impact risk-stratified surgical site infection rates in pediatric appendicitis. <i>Journal of the American College of Surgeons</i> , 2013 , 217, 969-73	4.4	27
91	Beyond surgical care improvement program compliance: antibiotic prophylaxis implementation gaps. <i>American Journal of Surgery</i> , 2013 , 206, 451-6	2.7	26
90	Adherence to surgical antibiotic prophylaxis remains a challenge despite multifaceted interventions. <i>Surgery</i> , 2015 , 158, 413-9	3.6	26
89	Prenatal therapy for thoracic and mediastinal lesions. <i>World Journal of Surgery</i> , 2003 , 27, 77-83	3.3	26
88	The digital divide in adoption and use of mobile health technology among caregivers of pediatric surgery patients. <i>Journal of Pediatric Surgery</i> , 2018 , 53, 1478-1493	2.6	25

87	Component separation for complex congenital abdominal wall defects: not just for adults anymore. <i>Journal of Pediatric Surgery</i> , 2013 , 48, 2525-9	2.6	25
86	Treatment of bronchopleural fistula with small intestinal mucosa and fibrin glue sealant. <i>Annals of Thoracic Surgery</i> , 2007 , 84, 1383-6	2.7	25
85	The use of fundoplication for prevention of apparent life-threatening events. <i>Journal of Pediatric Surgery</i> , 2007 , 42, 1022-4; discussion 1025	2.6	25
84	Current Selection Criteria and Perioperative Therapy Used for Fetal Myelomeningocele Surgery. <i>Obstetrics and Gynecology</i> , 2016 , 127, 593-597	4.9	25
83	Culture of safety: A foundation for patient care. <i>Seminars in Pediatric Surgery</i> , 2015 , 24, 283-7	2.1	24
82	Current application of thoracoscopy in children. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2008 , 18, 131-5	2.1	24
81	Should we be concerned about jejunoileal atresia during repair of duodenal atresia?. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2010 , 20, 773-5	2.1	23
80	Predictors of emesis and time to goal intake after pyloromyotomy: analysis from a prospective trial. <i>Journal of Pediatric Surgery</i> , 2008 , 43, 2038-41	2.6	23
79	The Impact of Socioeconomic Status on Appendiceal Perforation in Pediatric Appendicitis. <i>Journal of Pediatrics</i> , 2016 , 170, 156-60.e1	3.6	21
78	The impact of chylothorax on neonates with repaired congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2013 , 48, 724-9	2.6	21
77	Management of pediatric acute appendicitis in the computed tomographic era. <i>Journal of Surgical Research</i> , 2008 , 147, 221-4	2.5	21
76	A straightforward technique for removal of the substernal bar after the Nuss operation. <i>Journal of Pediatric Surgery</i> , 2007 , 42, 1789-91	2.6	21
75	Aggressive Surgical Management of Congenital Diaphragmatic Hernia: Worth the Effort?: A Multicenter, Prospective, Cohort Study. <i>Annals of Surgery</i> , 2018 , 267, 977-982	7.8	20
74	Chest radiograph after central line placement under fluoroscopy: utility or futility?. <i>Journal of Pediatric Surgery</i> , 2008 , 43, 854-6	2.6	20
73	Acute procedural interventions after pediatric blunt abdominal trauma: A prospective multicenter evaluation. <i>Journal of Trauma and Acute Care Surgery</i> , 2017 , 83, 597-602	3.3	18
72	The utility of the contrast enema in neonates with suspected Hirschsprung disease. <i>Journal of Pediatric Surgery</i> , 2015 , 50, 963-6	2.6	17
71	Surgical management of the newborn with congenital diaphragmatic hernia. <i>Fetal Diagnosis and Therapy</i> , 2011 , 29, 46-54	2.4	15
70	Comparison of drainage techniques for biliary atresia. <i>Journal of Pediatric Surgery</i> , 2003 , 38, 1005-7	2.6	15

69	Extrapleural thoracoscopic repair of esophageal atresia with tracheoesophageal fistula. <i>Pediatric Surgery International</i> , 2005 , 21, 308-10	2.1	14
68	Laparoscopic versus open distal pancreatectomy in the management of traumatic pancreatic disruption. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2012 , 22, 595-8	2.1	13
67	Enhanced neonatal surgical site infection prediction model utilizing statistically and clinically significant variables in combination with a machine learning algorithm. <i>American Journal of Surgery</i> , 2018 , 216, 764-777	2.7	12
66	What is the quality of reporting of studies of interventions to increase compliance with antibiotic prophylaxis?. <i>Journal of the American College of Surgeons</i> , 2013 , 217, 770-9	4.4	12
65	Approaching zero: Implications of a computed tomography reduction program for pediatric appendicitis evaluation. <i>Journal of Pediatric Surgery</i> , 2017 , 52, 1909-1915	2.6	12
64	Are we missing the near misses in the OR?-underreporting of safety incidents in pediatric surgery. <i>Journal of Surgical Research</i> , 2018 , 221, 336-342	2.5	12
63	Debriefing: the forgotten phase of the surgical safety checklist. <i>Journal of Surgical Research</i> , 2017 , 213, 222-227	2.5	11
62	Surgical resident education in patient safety: where can we improve?. <i>Journal of Surgical Research</i> , 2015 , 199, 308-13	2.5	11
61	Hospital type predicts computed tomography use for pediatric appendicitis. <i>Journal of Pediatric Surgery</i> , 2019 , 54, 723-727	2.6	11
60	Innovations in the surgical management of congenital diaphragmatic hernia. <i>Clinics in Perinatology</i> , 2012 , 39, 363-74	2.8	11
59	Surgical wound classification for pediatric appendicitis remains poorly documented despite targeted interventions. <i>Journal of Pediatric Surgery</i> , 2015 , 50, 915-8	2.6	10
58	Hepatocellular carcinoma survival in uninsured and underinsured patients. <i>Journal of Surgical Research</i> , 2011 , 166, 189-93	2.5	10
57	Safety Culture: An Integration of Existing Models and a Framework for Understanding Its Development. <i>Human Factors</i> , 2021 , 63, 88-110	3.8	10
56	Fetal interventions in the setting of the coronavirus disease 2019 pandemic: statement from the North American Fetal Therapy Network. <i>American Journal of Obstetrics and Gynecology</i> , 2020 , 223, 281-284	6.4	9
55	Safety culture among pediatric surgeons: A national survey of attitudes and perceptions of patient safety. <i>Journal of Pediatric Surgery</i> , 2018 , 53, 381-395	2.6	9
54	The impact of cardiac risk factors on short-term outcomes for children undergoing a Ladd procedure. <i>Journal of Pediatric Surgery</i> , 2017 , 52, 390-394	2.6	8
53	Imaging gently? Higher rates of computed tomography imaging for pediatric appendicitis in non-children's hospitals. <i>Surgery</i> , 2017 , 161, 1326-1333	3.6	8
52	Mode of delivery and mortality among neonates with gastroschisis: A population-based cohort in Texas. <i>Paediatric and Perinatal Epidemiology</i> , 2019 , 33, 204-212	2.7	8

51	Does compliance with antibiotic prophylaxis in pediatric simple appendicitis matter?. <i>Journal of Surgical Research</i> , 2017 , 216, 1-8	2.5	7
50	Home Antibiotics at Discharge for Pediatric Complicated Appendicitis: Friend or Foe?. <i>Journal of the American College of Surgeons</i> , 2018 , 227, 247-254	4.4	7
49	How Should Surgical Residents Be Educated About Patient Safety: A Pilot Randomized Controlled Trial. <i>Journal of Surgical Education</i> , 2016 , 73, 660-7	3.4	7
48	A multicenter, pediatric quality improvement initiative improves surgical wound class assignment, but is it enough?. <i>Journal of Pediatric Surgery</i> , 2016 , 51, 639-44	2.6	7
47	Tunneled central venous catheters in pediatric intestinal failure: a single-center experience. <i>Journal of Surgical Research</i> , 2018 , 231, 346-351	2.5	7
46	Prenatal therapy for obstructive uropathy. <i>World Journal of Surgery</i> , 2003 , 27, 62-7	3.3	7
45	Variability in the evaluation of pediatric blunt abdominal trauma. <i>Pediatric Surgery International</i> , 2019 , 35, 479-485	2.1	7
44	Early Administration of Magnesium Sulfate during Open Fetal Myelomeningocele Repair Reduces the Dose of Inhalational Anesthesia. <i>Fetal Diagnosis and Therapy</i> , 2019 , 45, 192-196	2.4	7
43	Early, Postnatal Pulmonary Hypertension Severity Predicts Inpatient Outcomes in Congenital Diaphragmatic Hernia. <i>Neonatology</i> , 2021 , 118, 147-154	4	7
42	Prophylactic versus symptomatic Ladd procedures for pediatric malrotation. <i>Journal of Surgical Research</i> , 2016 , 205, 327-330	2.5	6
41	Entrapped fourth ventricle: another pitfall in the prenatal diagnosis of Dandy-Walker malformations. <i>Journal of Ultrasound in Medicine</i> , 2002 , 21, 91-6	2.9	6
40	Don't forget the dose: Improving computed tomography dosing for pediatric appendicitis. <i>Journal of Pediatric Surgery</i> , 2016 , 51, 1944-1948	2.6	6
39	Fetal tracheal occlusion for congenital diaphragmatic hernia. <i>Seminars in Perinatology</i> , 2020 , 44, 151164	3.3	6
38	Increased complications in pediatric surgery are associated with comorbidities and not with Down syndrome itself. <i>Journal of Surgical Research</i> , 2018 , 230, 125-130	2.5	6
37	Advances in perioperative quality and safety. <i>Seminars in Pediatric Surgery</i> , 2018 , 27, 92-101	2.1	5
36	Certification Process of Fetal Centers in Texas and Developing National Guidelines. <i>Obstetrics and Gynecology</i> , 2020 , 135, 141-147	4.9	5
35	Povidone-iodine Irrigation for Pediatric Perforated Appendicitis May Be Protective: A Bayesian Pilot Randomized Controlled Trial. <i>Annals of Surgery</i> , 2020 , 271, 827-833	7.8	5
34	Pediatric tracheobronchial injury after blunt trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2017 , 83, 554-556	3.3	4

33	Surgical site infection reporting: more than meets the agar. <i>Journal of Pediatric Surgery</i> , 2017 , 52, 156-160	4
32	Clinical Practice Guideline Nonadherence and Patient Outcomes in Pediatric Appendicitis. <i>Journal of Surgical Research</i> , 2021 , 257, 135-141	2.5 4
31	Blood utilization in children managed non-operatively for blunt solid organ injury. <i>Journal of Surgical Research</i> , 2008 , 147, 237-9	2.5 3
30	Suture techniques and patch materials using an in-vitro model for watertight closure of in-utero spina bifida repair. <i>Journal of Pediatric Surgery</i> , 2020 , 55, 726-731	2.6 3
29	How Should Surgical Residents Be Educated about Patient Safety in the Operating Room: A Pilot Randomized Trial. <i>Journal of the American College of Surgeons</i> , 2015 , 221, S127-S128	4.4 2
28	Standardized Discharge Antibiotics May Reduce Readmissions in Pediatric Perforated Appendicitis. <i>Journal of Surgical Research</i> , 2020 , 255, 388-395	2.5 2
27	A comparison of chest tubes versus bulb-suction drains in pediatric thoracic surgery. <i>Journal of Pediatric Surgery</i> , 2007 , 42, 812-4	2.6 2
26	Ganglioneuroma of the pancreas in a 4-year-old girl. <i>BMJ Case Reports</i> , 2016 , 2016,	0.9 2
25	Fractional Limb Volume in Spina Bifida Fetuses as an Assessment Tool for Postnatal Ambulation. <i>Fetal Diagnosis and Therapy</i> , 2020 , 47, 529-535	2.4 2
24	Cryoanalgesia enhances recovery from minimally invasive repair of pectus excavatum resulting in reduced length of stay: A case-matched analysis of NSQIP-Pediatric patients. <i>Journal of Pediatric Surgery</i> , 2021 , 56, 1099-1102	2.6 2
23	Let the right one in: High admission rate for low-acuity pediatric burns. <i>Surgery</i> , 2019 , 165, 360-364	3.6 2
22	Room for "quality" improvement? Validating National Surgical Quality Improvement Program-Pediatric (NSQIP-P) appendectomy data. <i>Journal of Pediatric Surgery</i> , 2019 , 54, 97-102	2.6 2
21	Adherence to the Pediatric Preinduction Checklist Is Improved When Parents Are Engaged in Performing the Checklist. <i>Surgery</i> , 2018 , 164, 344-349	3.6 2
20	The Impact of Sociodemographic and Hospital Factors on Length of Stay Before and After Pyloromyotomy. <i>Journal of Surgical Research</i> , 2019 , 239, 1-7	2.5 1
19	Preventing patient harm via adverse event review: An APSA survey regarding the role of morbidity and mortality (M&M) conference. <i>Journal of Pediatric Surgery</i> , 2019 , 54, 1872-1877	2.6 1
18	Risk factors for nonaccidental burns in children. <i>Surgery Open Science</i> , 2020 , 2, 117-121	1.2 1
17	Multi-institutional experience with penetrating pancreatic injuries in children. <i>Pediatric Surgery International</i> , 2014 , 30, 1107-10	2.1 1
16	Barriers to Transition to Home From the Neonatal Intensive Care Unit: A Qualitative Perspectives of Parents and Healthcare Providers. <i>Journal of Perinatal and Neonatal Nursing</i> , 2021 , 35, 340-349	1.5 1

15	Current status of subspecialization in pediatric surgery: A focus on fetal surgery. <i>Journal of Pediatric Surgery</i> , 2021 ,	2.6	1
14	Variation in opioid utilization among neonates with gastroschisis. <i>Journal of Pediatric Surgery</i> , 2021 , 56, 1113-1116	2.6	1
13	Placental Location in Maternal-Fetal Surgery for Myelomeningocele.. <i>Fetal Diagnosis and Therapy</i> , 2021 ,	2.4	1
12	Preoperative Opioids Associated With Increased Postoperative Opioid Use in Pediatric Appendicitis. <i>Journal of Surgical Research</i> , 2020 , 255, 144-151	2.5	0
11	Prenatal and Postnatal Imaging Findings After Fetal Repair of Spinal Dysraphisms Using Cryopreserved Human Umbilical Cord Patch: A Case Series of 4 Patients. <i>Journal of Computer Assisted Tomography</i> , 2020 , 44, 998-1007	2.2	0
10	Cryoanalgesia is Associated With Decreased Postoperative Opioid Use in Minimally Invasive Repair of Pectus Excavatum. <i>Journal of Surgical Research</i> , 2021 , 271, 1-6	2.5	0
9	Prophylactic intraabdominal drains do not confer benefit in pediatric perforated appendicitis: Results from a quality improvement initiative. <i>Journal of Pediatric Surgery</i> , 2021 , 56, 727-732	2.6	0
8	Operative Time Is Independently Associated With Morbidity in Pediatric Complicated Appendicitis.. <i>Journal of Surgical Research</i> , 2022 , 276, 143-150	2.5	0
7	Care Levels for Fetal Therapy Centers. <i>Obstetrics and Gynecology</i> , 2022 , 139, 1027-1042	4.9	0
6	Emergent cardiopulmonary support circuit to allow tracheo-bronchial foreign body removal. <i>Progress in Pediatric Cardiology</i> , 2008 , 24, 127-129	0.4	
5	Postnatal Minimal Access Surgery for Birth Defects. <i>Pediatric Endosurgery and Innovative Techniques: Part B of Journal of Laparoendoscopic and Advanced Surgical Techniques</i> , 2002 , 6, 131-141		
4	Characteristics and predictors of intensive care unit admission in pediatric blunt abdominal trauma.. <i>Pediatric Surgery International</i> , 2022 , 38, 589	2.1	
3	Implementation of a Parent-centered Approach to the Preinduction Checklist in Pediatric Surgery. <i>Journal of Surgical Research</i> , 2021 , 257, 455-461	2.5	
2	Low Transverse versus Midline Abdominal Skin Incisions for in utero Spina Bifida Repair. <i>Fetal Diagnosis and Therapy</i> , 2021 , 48, 174-182	2.4	
1	Response Regarding: Standardized Care and Oral Antibiotics on Discharge for Pediatric Perforated Appendicitis.. <i>Journal of Surgical Research</i> , 2021 , 267, 728	2.5	