

Satoshi Ieiri

List of Publications by Year in descending order

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Version: 2024-02-01

210
papers

2,873
citations

185998

28
h-index

243296

44
g-index

218
all docs

218
docs citations

218
times ranked

2675
citing authors

#	ARTICLE	IF	CITATIONS
1	Hirschsprung's disease in Japan: analysis of 3852 patients based on a nationwide survey in 30 years. <i>Journal of Pediatric Surgery</i> , 2005, 40, 197-202.	0.8	159
2	Long-term outcomes and the quality of life of Hirschsprung disease in adolescents who have reached 18 years or older—a 47-year single-institute experience. <i>Journal of Pediatric Surgery</i> , 2010, 45, 2398-2402.	0.8	84
3	Current Status of Endoscopic Surgery in <scp>Japan</scp>: The 15th <scp>National Survey of Endoscopic Surgery</scp> by the <scp>Japan Society for Endoscopic Surgery</scp>. <i>Asian Journal of Endoscopic Surgery</i> , 2022, 15, 415-426.	0.4	76
4	Current status of endoscopic surgery in Japan: The 14th National Survey of Endoscopic Surgery by the Japan Society for Endoscopic Surgery. <i>Asian Journal of Endoscopic Surgery</i> , 2020, 13, 7-18.	0.4	72
5	New classification of hypoganglionosis: congenital and acquired hypoganglionosis. <i>Journal of Pediatric Surgery</i> , 2006, 41, 2046-2051.	0.8	71
6	Construct validity for eye-hand coordination skill on a virtual reality laparoscopic surgical simulator. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2007, 21, 2253-2257.	1.3	71
7	Effectiveness of endoscopic surgery training for medical students using a virtual reality simulator versus a box trainer: a randomized controlled trial. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2008, 22, 985-990.	1.3	69
8	Augmented reality navigation system for laparoscopic splenectomy in children based on preoperative CT image using optical tracking device. <i>Pediatric Surgery International</i> , 2012, 28, 341-346.	0.6	65
9	Analysis of hand motion differentiates expert and novice surgeons. <i>Journal of Surgical Research</i> , 2014, 188, 8-13.	0.8	61
10	Objective assessment of laparoscopic suturing skills using a motion-tracking system. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2011, 25, 771-775.	1.3	60
11	Three-dimensional liver model based on preoperative CT images as a tool to assist in surgical planning for hepatoblastoma in a child. <i>Pediatric Surgery International</i> , 2015, 31, 593-596.	0.6	58
12	A real-time navigation system for laparoscopic surgery based on three-dimensional ultrasound using magneto-optic hybrid tracking configuration. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2007, 2, 1-10.	1.7	52
13	An augmented reality navigation system for pediatric oncologic surgery based on preoperative CT and MRI images. <i>Journal of Pediatric Surgery</i> , 2013, 48, 2479-2483.	0.8	52
14	The frontal cortex is activated during learning of endoscopic procedures. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2009, 23, 2296-2301.	1.3	51
15	The incidence and outcome of allied disorders of Hirschsprung's disease in Japan: Results from a nationwide survey. <i>Asian Journal of Surgery</i> , 2017, 40, 29-34.	0.2	51
16	A remote surgery experiment between Japan and Thailand over Internet using a low latency CODEC system. <i>Proceedings - IEEE International Conference on Robotics and Automation</i> , 2007, , .	0.0	49
17	Total colonic aganglionosis with or without small bowel involvement: a 30-year retrospective nationwide survey in Japan. <i>Journal of Pediatric Surgery</i> , 2008, 43, 2226-2230.	0.8	44
18	Development of a robotic system with six-degrees-of-freedom robotic tool manipulators for single-port surgery. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2015, 11, 235-246.	1.2	43

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19	Endoscopic surgery in Japan: The 13th national survey (2014-2015) by the Japan Society for Endoscopic Surgery. <i>Asian Journal of Endoscopic Surgery</i> , 2019, 12, 7-18.	0.4	42
20	New real-time MR image-guided surgical robotic system for minimally invasive precision surgery. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2008, 2, 317-325.	1.7	41
21	A surgical robot with vision field control for single port endoscopic surgery. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2010, 6, 454-464.	1.2	41
22	Current status of Hirschsprung's disease: based on a nationwide survey of Japan. <i>Pediatric Surgery International</i> , 2017, 33, 497-504.	0.6	38
23	Robotic laparoscopic distal gastrectomy: a comparison of the da Vinci and Zeus systems. <i>International Journal of Medical Robotics and Computer Assisted Surgery</i> , 2006, 2, 299-304.	1.2	34
24	Effectiveness of basic endoscopic surgical skill training for pediatric surgeons. <i>Pediatric Surgery International</i> , 2010, 26, 947-954.	0.6	34
25	Skills assessment using a virtual reality simulator, LapSim, after training to develop fundamental skills for endoscopic surgery. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2010, 19, 24-29.	0.6	34
26	Image-guided laparoscopic surgery in an open MRI operating theater. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2013, 27, 2178-2184.	1.3	34
27	Interventional navigation for abdominal therapy based on simultaneous use of MRI and ultrasound. <i>Medical and Biological Engineering and Computing</i> , 2006, 44, 1127-1134.	1.6	33
28	Objective assessment of the suture ligature method for the laparoscopic intestinal anastomosis model using a new computerized system. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2015, 29, 444-452.	1.3	30
29	Long-term outcome of bowel function for 110 consecutive cases of Hirschsprung's disease: Comparison of the abdominal approach with transanal approach more than 30years in a single institution "is the transanal approach truly beneficial for bowel function?". <i>Journal of Pediatric Surgery</i> , 2016, 51, 2010-2014.	0.8	30
30	Hepatic Foreign Body "a Sewing Needle" in a Child. <i>Asian Journal of Surgery</i> , 2003, 26, 231-233.	0.2	28
31	Development of a colon endoscope robot that adjusts its locomotion through the use of reinforcement learning. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2010, 5, 317-325.	1.7	28
32	Transumbilical approach for neonatal surgical diseases: woundless operation. <i>Pediatric Surgery International</i> , 2008, 24, 1123-1126.	0.6	27
33	The effect of CyberDome, a novel 3-dimensional dome-shaped display system, on laparoscopic procedures. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2009, 4, 125-132.	1.7	27
34	Clinical features of Hirschsprung's disease associated with Down syndrome: a 30-year retrospective nationwide survey in Japan. <i>Journal of Pediatric Surgery</i> , 2009, 44, 2347-2351.	0.8	27
35	Preoperative surgical simulation of laparoscopic adrenalectomy for neuroblastoma using a three-dimensional printed model based on preoperative CT images. <i>Journal of Pediatric Surgery</i> , 2015, 50, 2112-2115.	0.8	27
36	Feasibility of an AI-Based Measure of the Hand Motions of Expert and Novice Surgeons. <i>Computational and Mathematical Methods in Medicine</i> , 2018, 2018, 1-6.	0.7	27

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37	Development of an objective endoscopic surgical skill assessment system for pediatric surgeons: suture ligature model of the crura of the diaphragm in infant fundoplication. <i>Pediatric Surgery International</i> , 2013, 29, 501-504.	0.6	26
38	A new innovative laparoscopic fundoplication training simulator with a surgical skill validation system. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 1688-1696.	1.3	26
39	Impact of network time-delay and force feedback on tele-surgery. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2008, 3, 371-378.	1.7	25
40	Real-Time 3-Dimensional Virtual Reality Navigation System with Open MRI for Breast-Conserving Surgery. <i>Journal of the American College of Surgeons</i> , 2010, 210, 927-933.	0.2	25
41	Japanese clinical practice guidelines for allied disorders of Hirschsprung's disease, 2017. <i>Pediatrics International</i> , 2018, 60, 400-410.	0.2	24
42	Procedural surgical skill assessment in laparoscopic training environments. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 543-552.	1.7	23
43	An overview of the current management of short-bowel syndrome in pediatric patients. <i>Surgery Today</i> , 2022, 52, 12-21.	0.7	23
44	An Endoscopic Surgical Skill Validation System for Pediatric Surgeons Using a Model of Congenital Diaphragmatic Hernia Repair. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2015, 25, 775-781.	0.5	22
45	Effectiveness of short-term endoscopic surgical skill training for young pediatric surgeons: a validation study using the laparoscopic fundoplication simulator. <i>Pediatric Surgery International</i> , 2015, 31, 963-969.	0.6	22
46	Current characteristics and management of congenital esophageal stenosis: 40 consecutive cases from a multicenter study in the Kyushu area of Japan. <i>Pediatric Surgery International</i> , 2017, 33, 1035-1040.	0.6	22
47	Long-term outcomes of surgery for choledochal cysts: a single-institution study focusing on follow-up and late complications. <i>Surgery Today</i> , 2018, 48, 835-840.	0.7	22
48	Scorpion Shaped Endoscopic Surgical Robot for NOTES and SPS With Augmented Reality Functions. <i>Lecture Notes in Computer Science</i> , 2010, , 541-550.	1.0	22
49	A remote surgery experiment between Japan-Korea using the minimally invasive surgical system. , 0, , .		21
50	A case of an inflammatory myofibroblastic tumor in the lung which expressed TPM3&acaron;ALK gene fusion. <i>Pediatric Surgery International</i> , 2007, 23, 595-599.	0.6	20
51	Development of a tool manipulator driven by a flexible shaft for Single Port Endoscopic Surgery. , 2010, , .		20
52	Isolated intestinal neuronal dysplasia Type B (IND-B) in Japan: results from a nationwide survey. <i>Pediatric Surgery International</i> , 2014, 30, 815-822.	0.6	19
53	Efficacy of ethanol locks to reduce the incidence of catheter-related bloodstream infections for home parenteral nutrition pediatric patients: comparison of therapeutic treatment with prophylactic treatment. <i>Pediatric Surgery International</i> , 2016, 32, 863-867.	0.6	19
54	The bowel function and quality of life of Hirschsprung disease patients who have reached 18 years of age or older &acaron; the long-term outcomes after undergoing the transabdominal soave procedure. <i>Journal of Pediatric Surgery</i> , 2017, 52, 2001-2005.	0.8	19

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55	The changing profile of safe techniques for the insertion of a central venous catheter in pediatric patients â€” improvement in the outcome with the experiences of 500 insertions in a single institution. <i>Journal of Pediatric Surgery</i> , 2016, 51, 2044-2047.	0.8	17
56	Unique manifestations of biliary atresia provide new immunological insight into its etiopathogenesis. <i>Pediatric Surgery International</i> , 2017, 33, 1249-1253.	0.6	16
57	Umbilical crease incision for duodenal atresia achieves excellent cosmetic results. <i>Pediatric Surgery International</i> , 2010, 26, 963-966.	0.6	13
58	The utility of muscle sparing axillar skin crease incision for pediatric thoracic surgery. <i>Pediatric Surgery International</i> , 2012, 28, 239-244.	0.6	13
59	Significance of metacognitive skills in laparoscopic surgery assessed by essential task simulation. <i>Minimally Invasive Therapy and Allied Technologies</i> , 2014, 23, 165-172.	0.6	13
60	Reevaluation of Acetylcholinesterase Staining for the Diagnosis of Hirschsprung Disease and Allied Disorders. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2015, 60, 606-612.	0.9	13
61	Ghrelin improves intestinal mucosal atrophy during parenteral nutrition: An experimental study. <i>Journal of Pediatric Surgery</i> , 2016, 51, 2039-2043.	0.8	13
62	Novel effect of glucagon-like peptide-2 for hepatocellular injury in a parenterally fed rat model of short bowel syndrome. <i>Pediatric Surgery International</i> , 2019, 35, 1345-1351.	0.6	13
63	Development of a smart surgical robot with bended forceps for infant congenital esophageal atresia surgery. , 2014, , .		12
64	Predictive factors affecting the prognosis and late complications of 73 consecutive cases of esophageal atresia at 2 centers. <i>Pediatric Surgery International</i> , 2018, 34, 1027-1033.	0.6	12
65	Bowel obstruction without history of laparotomy: Clinical analysis of 70 patients. <i>Pediatrics International</i> , 2016, 58, 1205-1210.	0.2	11
66	Ethnic variation in the incidence of biliary atresia correlates with the frequency of the most prevalent haplotype in its population. <i>Human Immunology</i> , 2018, 79, 668-671.	1.2	11
67	Effectiveness of training for endoscopic surgery using a simulator with virtual reality: Randomized study. <i>International Congress Series</i> , 2005, 1281, 515-520.	0.2	10
68	Development and testing of an endoscopic pseudo-viewpoint alternating system. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2015, 10, 619-628.	1.7	10
69	Predictors of a successful outcome for infants with short bowel syndrome: a 30-year single-institution experience. <i>Surgery Today</i> , 2017, 47, 1391-1396.	0.7	10
70	A comparison of the characteristics and precision of needle driving for right-handed pediatric surgeons between right and left driving using a model of infant laparoscopic diaphragmatic hernia repair. <i>Pediatric Surgery International</i> , 2017, 33, 1103-1108.	0.6	10
71	Ghrelin stimulates intestinal adaptation following massive small bowel resection in parenterally fed rats. <i>Peptides</i> , 2018, 106, 59-67.	1.2	10
72	Morphometric demonstration of portal vein stenosis and hepatic arterial medial hypertrophy in patients with biliary atresia. <i>Pediatric Surgery International</i> , 2019, 35, 529-537.	0.6	10

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73	Hirschsprung's disease patients diagnosed at over 15 years of age: an analysis of a Japanese nationwide survey. <i>Pediatric Surgery International</i> , 2009, 25, 945-947.	0.6	9
74	Current clinical features in diagnosis and treatment for immaturity of ganglia in Japan: analysis from 10-year nationwide survey. <i>Pediatric Surgery International</i> , 2015, 31, 949-954.	0.6	9
75	Evaluation of the 10-year history of a 2-day standardized laparoscopic surgical skills training program at Kyushu University. <i>Surgery Today</i> , 2016, 46, 750-756.	0.7	9
76	Treatment guidelines for persistent cloaca, cloacal exstrophy, and Mayer-Rokitansky-Kuster-Häuser syndrome for the appropriate transitional care of patients. <i>Surgery Today</i> , 2019, 49, 985-1002.	0.7	9
77	The long-term health-related quality of life in patients operated for choledochal cyst. <i>Pediatric Surgery International</i> , 2019, 35, 539-546.	0.6	9
78	A Randomized Trial to Compare the Conventional Three-Port Laparoscopic Appendectomy Procedure to Single-Incision and One-Puncture Procedure That Was Safe and Feasible, Even for Surgeons in Training. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2019, 29, 392-395.	0.5	9
79	The mechanism for the contraction induced by leukotriene C4 in guinea-pig taenia coli. <i>British Journal of Pharmacology</i> , 2001, 133, 529-538.	2.7	8
80	Efficacy of OK-432 local injection for the treatment of a neonatal branchial cleft cyst: a case report. <i>Pediatric Surgery International</i> , 2005, 21, 1004-1006.	0.6	8
81	Fatty liver caused by portal vein thrombosis after living donor liver transplantation: a case report. <i>Journal of Pediatric Surgery</i> , 2005, 40, e7-e9.	0.8	8
82	Intracellular calcium mobilization of the aganglionic intestine in the endothelin B receptor gene deficient rat. <i>Journal of Pediatric Surgery</i> , 2007, 42, 1663-1670.	0.8	8
83	MR-compatible laparoscope with a distally mounted CCD for MR image-guided surgery. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2007, 2, 11-18.	1.7	8
84	Ultra-minimally invasive local immune cell therapy and regenerative therapy by multi-piercing surgery for abdominal solid tumor: therapeutic simulation by natural orifice transluminal endoscopic surgery-assisted needlescopic surgery using 3-mm diameter robots. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2011, 18, 499-505.	1.4	8
85	Feasibility of Single-Incision Laparoscopic Percutaneous Extraperitoneal Closure for Inguinal Hernia by Inexperienced Pediatric Surgeons: Single-Incision Versus Multi-Incision Randomized Trial for 2 Years. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2016, 26, 218-221.	0.5	8
86	Long-term follow-up for anicteric survival with native liver after redo Kasai: a first report. <i>Journal of Pediatric Surgery</i> , 2016, 51, 2109-2112.	0.8	8
87	The administration of ghrelin improved hepatocellular injury following parenteral feeding in a rat model of short bowel syndrome. <i>Pediatric Surgery International</i> , 2016, 32, 1165-1171.	0.6	8
88	Abdominal wall regenerative medicine for a large defect using tissue engineering: an experimental study. <i>Pediatric Surgery International</i> , 2016, 32, 959-965.	0.6	8
89	Impact and Characteristics of Forceps Manipulation of Three-Dimensional in Laparoscopic Hepaticojejunostomy Mimicking a Disease-Specific Simulator: A Comparison of Expert with Trainee. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2019, 29, 1378-1382.	0.5	8
90	Microvascular proliferation of the portal vein branches in the liver of biliary atresia patients at Kasai operation is associated with a better long-term clinical outcome. <i>Pediatric Surgery International</i> , 2019, 35, 1437-1441.	0.6	8

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91	Surgical Navigation. International Journal of Computer Assisted Radiology and Surgery, 2006, 1, 169-187.	1.7	7
92	Morphological and physiological changes of interstitial cells of Cajal after small bowel transplantation in rats. Transplant International, 2007, 20, 616-624.	0.8	7
93	Need for Thiamine in Peripheral Parenteral Nutrition After Abdominal Surgery in Children. Journal of Parenteral and Enteral Nutrition, 2009, 33, 417-422.	1.3	7
94	A preoperative evaluation for neo-infantile liver tumors using a three-dimensional reconstruction of multidetector row CT. Oncology Reports, 2009, 21, 881-6.	1.2	7
95	The novel preventive effect of Daikenchuto (TJ-100), a Japanese herbal drug, against neonatal necrotizing enterocolitis in rats. Pediatric Surgery International, 2017, 33, 1109-1114.	0.6	7
96	Visualization of the human enteric nervous system by confocal laser endomicroscopy in Hirschsprung's disease: An alternative to intraoperative histopathological diagnosis?. Neurogastroenterology and Motility, 2020, 32, e13805.	1.6	7
97	Laparoscopic approach for abdominal neuroblastoma in Japan: results from nationwide multicenter survey. Surgical Endoscopy and Other Interventional Techniques, 2021, , 1.	1.3	7
98	Nonmetallic Rigid Flexible Outer Sheath with Pneumatic Shapelocking Mechanism and Double Curvature Structure. Lecture Notes in Computer Science, 2011, 14, 169-177.	1.0	7
99	Design of a surgical robot with dynamic vision field control for Single Port Endoscopic Surgery. , 2010, 2010, 979-83.		6
100	Laparoscopic resection of an isolated retroperitoneal enteric duplication in an infant. Journal of Pediatric Surgery Case Reports, 2013, 1, 167-170.	0.1	6
101	Preliminary in vivo evaluation of a needle insertion manipulator for central venous catheterization. ROBOMECH Journal, 2014, 1, .	0.9	6
102	Prophylactic efficacy of enteral miconazole administration for neonatal intestinal perforation and its potential mechanism. Pediatric Surgery International, 2016, 32, 953-957.	0.6	6
103	Technical feasibility of visualizing myenteric plexus using confocal laser endomicroscopy. Journal of Gastroenterology and Hepatology (Australia), 2017, 32, 1604-1610.	1.4	6
104	Impact and characteristics of two- and three-dimensional forceps manipulation using laparoscopic hepaticojejunostomy mimicking a disease-specific simulator: a comparison of pediatric surgeons with gastrointestinal surgeons. Pediatric Surgery International, 2019, 35, 1051-1057.	0.6	6
105	A Comparison of the Effectiveness Between Three Different Endoscopic Surgical Skill Training Programs for Medical Students Using the Infant Laparoscopic Fundoplication Simulator: A Randomized Controlled Trial. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2019, 29, 1252-1258.	0.5	6
106	The administration of hepatocyte growth factor prevents total parenteral nutrition-induced hepatocellular injury in a rat model. Pediatric Surgery International, 2021, 37, 353-361.	0.6	6
107	A rare case of accessory liver lobe torsion in a pediatric patient who showed recurrent epigastralgia and who was treated by elective laparoscopic resection. Surgical Case Reports, 2021, 7, 143.	0.2	6
108	Early definitive operation for patients with anorectal malformation was associated with a better long-term postoperative bowel function. Pediatric Surgery International, 2021, 37, 445-450.	0.6	6

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109	Langerhans cell histiocytosis confined to extrahepatic bile duct causing sclerosing cholangitis in child: a case report. <i>Surgical Case Reports</i> , 2020, 6, 137.	0.2	6
110	Development of a robotic endoscope that locomotes in the colon with flexible helical fins. , 2009, 2009, 5126-9.		5
111	Direct vasodilative effect of FK506 on porcine mesenteric artery in small bowel transplantation. <i>Journal of Pediatric Surgery</i> , 2009, 44, 2322-2326.	0.8	5
112	Successful resection of an undifferentiated sarcoma in a child using a real-time surgical navigation system in an open magnetic resonance imaging operation room. <i>Journal of Pediatric Surgery</i> , 2011, 46, 608-611.	0.8	5
113	In vivo experiments of a surgical robot with vision field control for single port endoscopic surgery. , 2011, 2011, 7045-8.		5
114	Preoperative simulation regarding the appropriate port location for laparoscopic hepaticojejunostomy: a randomized study using a disease-specific training simulator. <i>Pediatric Surgery International</i> , 2016, 32, 901-907.	0.6	5
115	Virtually transparent surgical instruments in endoscopic surgery with augmentation of obscured regions. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2016, 11, 1927-1936.	1.7	5
116	The protective effect of fish oil lipid emulsions on intestinal failure-associated liver disease in a rat model of short-bowel syndrome. <i>Pediatric Surgery International</i> , 2018, 34, 203-209.	0.6	5
117	Partially hydrolyzed guar gum alleviates small intestinal mucosal damage after massive small bowel resection along with changes in the intestinal microbiota. <i>Journal of Pediatric Surgery</i> , 2019, 54, 2514-2519.	0.8	5
118	The outcomes of transanal endorectal pull-through for Hirschsprung's disease according to the mucosectomy-commencing points: A study based on the results of a nationwide survey in Japan. <i>Journal of Pediatric Surgery</i> , 2019, 54, 2546-2549.	0.8	5
119	The protective effects of hepatocyte growth factor on the intestinal mucosal atrophy induced by total parenteral nutrition in a rat model. <i>Pediatric Surgery International</i> , 2021, 37, 1743-1753.	0.6	5
120	Alteration of the [Ca ²⁺] _i -force relationship during the vasorelaxation induced by a Ca ²⁺ channel blocker SR33805 in the porcine coronary artery. <i>British Journal of Pharmacology</i> , 2000, 131, 1597-1606.	2.7	4
121	Design parameter evaluation based on human operation for tip mechanism of forceps manipulator using surgical robot simulation. <i>Advanced Robotics</i> , 2016, 30, 476-488.	1.1	4
122	Cecal diverticulitis: Two pediatric cases. <i>Pediatrics International</i> , 2019, 61, 931-933.	0.2	4
123	Long-term remission of bilateral Wilms tumors that developed from premature separation of chromatids/mosaic variegated aneuploidy syndrome due to bilateral nephrectomy and peritoneal dialysis. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27804.	0.8	4
124	Nationwide survey of outcome in patients with extensive aganglionosis in Japan. <i>Pediatric Surgery International</i> , 2019, 35, 547-550.	0.6	4
125	The effectiveness of transoral marsupialization for lingual thyroglossal duct cysts " Twelve successfully treated cases at a single institution. <i>Journal of Pediatric Surgery</i> , 2019, 54, 766-770.	0.8	4
126	Acquired isolated hypoganglionosis as a distinct entity: results from a nationwide survey. <i>Pediatric Surgery International</i> , 2019, 35, 215-220.	0.6	4

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127	Which Is the Better Approach for Late-Presenting Congenital Diaphragmatic Hernia: Laparoscopic or Thoracoscopic? A Single Institution's Experience of more than 10 Years. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2020, 30, 1029-1035.	0.5	4
128	Differential advantage of liver retraction methods in laparoscopic fundoplication for neurologically impaired patients: a comparison of three kinds of procedures. <i>Pediatric Surgery International</i> , 2020, 36, 591-596.	0.6	4
129	Discrepancy between the survival rate and neuropsychological development in postsurgical extremely low-birth-weight infants: a retrospective study over two decades at a single institution. <i>Pediatric Surgery International</i> , 2021, 37, 411-417.	0.6	4
130	Transperineal transection through NeoAnus for rectoanal bulbar urethral fistula using a 5mm stapler in laparoscopically assisted anorectoplasty: A novel and secure technique. <i>Asian Journal of Endoscopic Surgery</i> , 2021, 14, 828-830.	0.4	4
131	Current thoracoscopic approach for mediastinal neuroblastoma in Japan—results from nationwide multicenter survey. <i>Pediatric Surgery International</i> , 2021, 37, 1651-1658.	0.6	4
132	Optimal timing of definitive surgery for Hirschsprung's disease to achieve better long-term bowel function. <i>Surgery Today</i> , 2021, , 1.	0.7	4
133	Laparoscopic repositioning of an aberrant right hepatic artery and hepaticojejunostomy for pediatric choledochal cyst: A case report. <i>International Journal of Surgery Case Reports</i> , 2021, 86, 106300.	0.2	4
134	Development of a Tool Manipulator Driven by a Flexible Shaft for Single-Port Endoscopic Surgery. <i>Journal of Robotics and Mechatronics</i> , 2011, 23, 1115-1124.	0.5	4
135	Technical tips concerning laparoscopic hepaticojejunostomy for choledochal cyst in children with a focus on secure anastomosis for small hepatic ducts. <i>Annals of Laparoscopic and Endoscopic Surgery</i> , 0, 4, 20-20.	0.5	4
136	The preventive effect of recombinant human hepatocyte growth factor for hepatic steatosis in a rat model of short bowel syndrome. <i>Journal of Pediatric Surgery</i> , 2022, 57, 1286-1292.	0.8	4
137	How we acquire suturing skills for laparoscopic hepaticojejunostomy. <i>Asian Journal of Endoscopic Surgery</i> , 2022, 15, 882-884.	0.4	4
138	Mechanism of Rho-kinase-mediated Ca ²⁺ -independent contraction in aganglionic smooth muscle in a rat model of Hirschsprung's disease. <i>Pediatric Surgery International</i> , 2009, 25, 955-960.	0.6	3
139	Objective evaluation of laparoscopic surgical skills using Waseda bioinstrumentation system WB-3. , 2010, , .		3
140	<i>Pediatric Surgery</i> . <i>Asian Journal of Endoscopic Surgery</i> , 2015, 8, 390-407.	0.4	3
141	Identification of a novel variant of the RET proto-oncogene in a novel family with Hirschsprung's disease. <i>Pediatric Surgery International</i> , 2017, 33, 1041-1046.	0.6	3
142	Prophylactic efficacy of enteral antifungal administration of miconazole for intestinal perforation, especially for necrotizing enterocolitis: a historical cohort study at a single institution. <i>Surgery Today</i> , 2021, 51, 568-574.	0.7	3
143	Successful thoracoscopic treatment for tracheoesophageal fistula and esophageal atresia of communicating bronchopulmonary foregut malformation group IB with dextrocardia: a case report of VACTERL association. <i>Surgical Case Reports</i> , 2021, 7, 11.	0.2	3
144	A retrospective analysis of the real-time ultrasound-guided supraclavicular approach for the insertion of a tunneled central venous catheter in pediatric patients. <i>Journal of Vascular Access</i> , 2022, 23, 698-705.	0.5	3

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145	Developing Essential Rigid-Flexible Outer Sheath to Enable Novel Multi-piercing Surgery. Lecture Notes in Computer Science, 2012, 15, 26-33.	1.0	3
146	2A1-B23 A Surgical Robot with Vision Control for Single Port Endoscopic Surgery. The Proceedings of JSME Annual Conference on Robotics and Mechatronics (Robomec), 2010, 2010, _2A1-B23_1-_2A1-B23_4.	0.0	3
147	Risk factor analysis of irreversible renal dysfunction based on fetal ultrasonographic findings in patients with persistent cloaca: Results from a nationwide survey in Japan. Journal of Pediatric Surgery, 2022, 57, 229-234.	0.8	3
148	Laparoscopic dome resection for pediatric nonparasitic huge splenic cyst safely performed using indocyanine green fluorescence and percutaneous needle grasper. Asian Journal of Endoscopic Surgery, 2022, 15, 693-696.	0.4	3
149	Using indocyanine green fluorescence in laparoscopic surgery to identify and preserve rare branching of the right hepatic artery in pediatric congenital biliary dilatation. Surgery Today, 2022, 52, 1510-1513.	0.7	3
150	Feasibility of delayed anastomosis for long gap esophageal atresia in the neonatal period using internal traction and indocyanine green-guided near-infrared fluorescence. Asian Journal of Endoscopic Surgery, 2022, 15, 877-881.	0.4	3
151	New detachable occlusion balloon unit for transrectal natural orifice transluminal endoscopic surgery. Minimally Invasive Therapy and Allied Technologies, 2013, 22, 136-143.	0.6	2
152	The effect of forceps manipulation for expert pediatric surgeons using an endoscopic pseudo-viewpoint alternating system: the phenomenon of economical slow and fast performance in endoscopic surgery. Pediatric Surgery International, 2015, 31, 971-976.	0.6	2
153	The effect of intravenous lipid emulsions and mucosal adaptation following massive bowel resection. Journal of Pediatric Surgery, 2018, 53, 2444-2448.	0.8	2
154	Rare case of ectopic pancreas presenting with persistent umbilical discharge. Pediatrics International, 2018, 60, 891-892.	0.2	2
155	The change over time in the postoperative bowel function in male anorectal malformation patients who underwent sacroperineal anorectoplasty and sacroabdominoperineal anorectoplasty. Pediatric Surgery International, 2019, 35, 1109-1114.	0.6	2
156	Rare pediatric case of Meckel diverticulum penetration caused by a fish bone. Pediatrics International, 2019, 61, 731-733.	0.2	2
157	Complete laparoscopic choledochal cyst excision and hepaticojejunostomy with laparoscopic Roux-Y reconstruction using a 5-mm stapler: A case of a 2-month-old infant. Asian Journal of Endoscopic Surgery, 2021, 14, 824-827.	0.4	2
158	Differential gastric emptiness according to preoperative stomach position in neurological impaired patients who underwent laparoscopic fundoplication and gastrostomy. Surgery Today, 2021, 51, 1918-1923.	0.7	2
159	Retroperitoneal teratomas in children: a single institution experience. Surgery Today, 2022, 52, 144-150.	0.7	2
160	Malignant perivascular epithelioid cell neoplasm in the liver: report of a pediatric case. Surgical Case Reports, 2021, 7, 212.	0.2	2
161	What is the optimal lipid emulsion for preventing intestinal failure-associated liver disease following parenteral feeding in a rat model of short-bowel syndrome?. Pediatric Surgery International, 2021, 37, 247-256.	0.6	2
162	A remote surgery experiment between Japan-Korea using the minimally invasive surgical system. , 2007, , 3065-3068.		2

#	ARTICLE	IF	CITATIONS
163	Peroxiredoxin 4 promotes embryonal hepatoblastoma cell migration but induces fetal cell differentiation. American Journal of Translational Research (discontinued), 2020, 12, 2726-2737.	0.0	2
164	Successful laparoscopy-assisted en bloc resection of bulky omental malignant lymphoma involving the ascending colon and multiple lymph node metastases: Report of a technically demanding case in a pediatric patient. Asian Journal of Endoscopic Surgery, 2022, 15, 836-840.	0.4	2
165	Pyogenic splenic abscess in an infant with serological evidence of cat scratch disease. European Journal of Pediatrics, 2007, 166, 1289-1291.	1.3	1
166	A new objective assessment of the suture ligation method for laparoscopic intestinal anastomosis. Journal of Japan Society of Computer Aided Surgery, 2015, 17, 15-22.	0.1	1
167	Effectiveness of Simulator Training Mimicking a Patient's Specific Situation for Neonatal Congenital Diaphragmatic Hernia. Journal of Laparoendoscopic & Advanced Surgical Techniques Part B, Videoscopy, 2019, 29, .	0.1	1
168	Effectiveness of Mechanical Design Optimization Using a Human-in-the-Loop Simulator for the Development of a Pediatric Surgical Robot. Applied Sciences (Switzerland), 2019, 9, 4136.	1.3	1
169	Secure Laparoscopic Hepaticojejunostomy of the Small Hepatic Duct for Choledochal Cyst in Children Using Simple Duct Plasty and Two Stay Suture Techniques. Journal of Laparoendoscopic & Advanced Surgical Techniques Part B, Videoscopy, 2020, 30, .	0.1	1
170	Laparoscopic Retrograde Biliary Drainage Tube Stenting Technique of Hepaticojejunostomy for Preventing Anastomotic Stenosis of a Small Hepatic Duct: A Case of Choledochal Cyst in a Small Infant. Journal of Laparoendoscopic & Advanced Surgical Techniques Part B, Videoscopy, 2021, 31, .	0.1	1
171	Laparoscopic transposition for crossing vessels (vascular hitch) in pure extrinsic pelvic-ureteric junction obstruction: a successful case report of a 2-year-old infant with horseshoe kidney. Surgical Case Reports, 2021, 7, 103.	0.2	1
172	Fetal intestinal volvulus without malrotation detected on prenatal ultrasound. Pediatrics International, 2021, 63, 845-846.	0.2	1
173	Potential predictors of the onset of focal intestinal perforation in extremely low birth weight infants based on an analysis of coagulation and fibrinolysis markers at birth: A case-control study based on ten years of experience at a single institution. Journal of Pediatric Surgery, 2021, 56, 1121-1126.	0.8	1
174	Image-guided confirmation of a precision pull-through procedure during laparoscopically assisted anorectoplasty in an open MRI operating theater: first application in an infantile case with anorectal malformation. Surgical Case Reports, 2021, 7, 211.	0.2	1
175	Support for Introduction of Pediatric Endosurgery in Nepal as Global Pediatric Surgery: Preliminary Needs Assessment Survey. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2021, 31, 1357-1362.	0.5	1
176	Useful traction technique for laparoscopic fundoplication without removing preceding gastrostomy in a neurologically impaired patient with a body deformity. Asian Journal of Endoscopic Surgery, 2022, , .	0.4	1
177	Recurrent intussusceptions due to small intestinal adenomyoma: A case report. Pediatrics International, 2022, 64, e14920.	0.2	1
178	Impact of the Number of Board-Certified Pediatric Surgeons per Pediatric Population on the Outcomes of Laparoscopic Fundoplication for Neurologically Impaired Patients. Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A, 2022, 32, 571-575.	0.5	1
179	Biliary atresia: Graft-versus-host disease with maternal microchimerism as an etiopathogenesis. Transfusion and Apheresis Science, 2022, , 103410.	0.5	1
180	An unusual presentation of intestinal duplication mimicking torsion of Meckel's diverticulum: a rare report of a pediatric case. Surgical Case Reports, 2022, 8, 53.	0.2	1

#	ARTICLE	IF	CITATIONS
181	Intraoperative visualization of urethra using illuminating catheter in laparoscopy-assisted anorectoplasty for imperforated anusâ€”A novel and safe technique for preventing urethral injury. Asian Journal of Endoscopic Surgery, 2022, 15, 867-871.	0.4	1
182	Physical growth and social prognosis of esophageal atresia after 15 years of age. Annals of Pediatric Surgery, 2022, 18, .	0.1	1
183	A rare case of acute appendicitis with <i>Enterobius vermicularis</i> . Pediatrics International, 2022, 64, .	0.2	1
184	Board 549- Technology Innovations Abstract A New Objective Assessment System of the Suture Ligature Method of the Intestinal Anastomosis Model for Laparoscopic Surgery (Submission #856). Simulation in Healthcare, 2013, 8, 635.	0.7	0
185	Trends in Development of Surgical Device for Fetal, Neonatal and Pediatric Surgery. Journal of Japan Society of Computer Aided Surgery, 2016, 18, 168-169.	0.1	0
186	Reply to letter to the Editor. Journal of Pediatric Surgery, 2018, 53, 1450.	0.8	0
187	Left Thoracoscopic Approach for a Bronchogenic Cyst Originating from the Lower Esophagus in the Posterior Mediastinum in a 9-Month-Old Boy: A Case Report. Journal of Laparoendoscopic & Advanced Surgical Techniques Part B, Videoscopy, 2019, 29, .	0.1	0
188	Thoracoscopic Extirpation of Huge Esophageal Duplication Developing in the Posterior Mediastinum: A Report of an Infantile Case. Journal of Laparoendoscopic & Advanced Surgical Techniques Part B, Videoscopy, 2019, 29, .	0.1	0
189	Nationwide Survey of Japan in Hirschsprung's Disease. , 2019, , 97-104.		0
190	Long-Term Result of Ikeda Z-Shaped Anastomosis. , 2019, , 187-194.		0
191	Optimal Timing of Definitive Surgery for Achieving Better Long-Term Outcomes for Bowel Function in Hirschsprung's Disease. Journal of the American College of Surgeons, 2019, 229, e170.	0.2	0
192	Epidemiology: Incidence, Gender Ratio, and Ethnic Variations. , 2021, , 65-67.		0
193	Laparoscopic Super-Low Anterior Resection for Congenital Rectal Stenosis Using Swenson's Technique. Journal of Laparoendoscopic & Advanced Surgical Techniques Part B, Videoscopy, 2021, 31, .	0.1	0
194	Successful treatment of post chemotherapy esophageal cicatricial atresia in a pediatric patient with anaplastic large cell lymphoma through minimally invasive esophagectomy: a case report. Surgical Case Reports, 2021, 7, 41.	0.2	0
195	Single incision laparoscopic repair for late-onset congenital diaphragmatic hernia using oval-shaped multichannel port device (E&CZ ACCESS oval type)â€”2Months infantile case of Bochdalek hernia. Asian Journal of Endoscopic Surgery, 2021, , .	0.4	0
196	Thoracoscopic intraoperative esophageal close technique for long-gap esophageal atresia. Asian Journal of Endoscopic Surgery, 2021, , .	0.4	0
197	Preoperatively detected fallopian tube torsion using MRI: A case report. Pediatrics International, 2021, 63, 1258-1260.	0.2	0
198	Letter to editor regarding 53rd annual pacific association of pediatric surgeons meeting. Journal of Pediatric Surgery, 2021, , .	0.8	0

#	ARTICLE	IF	CITATIONS
199	Successful laparoscopic extirpation of a vasoactive intestinal polypeptide-secreting neuroblastoma originating from the right adrenal gland: A report of an infantile case. Asian Journal of Endoscopic Surgery, 2021, 14, 611-614.	0.4	0
200	VR Training System for Endoscopic Surgery Robot. Lecture Notes in Computer Science, 2012, , 117-129.	1.0	0
201	Development of a Surgical Robot with Vision Field Control for Single Port Endoscopic Surgery. Transactions of the Society of Instrument and Control Engineers, 2013, 49, 183-189.	0.1	0
202	Anorectal Prolapse. , 2016, , 273-276.		0
203	Laparoscopic Intra-gastric Surgery for Gastric Tumor to Preserve Cardia Function Under Augmented Reality Navigation System: The First Application for Child Case. Journal of Laparoendoscopic & Advanced Surgical Techniques Part B, Videoscopy, 2016, 26, .	0.1	0
204	Thoracoscopic Total Thymectomy via the Left Thoracic Approach for a Pediatric Patient with Refractory Myasthenia Gravis. Journal of Laparoendoscopic & Advanced Surgical Techniques Part B, Videoscopy, 2020, 30, .	0.1	0
205	A safe and effective laparoscopic Ladd's procedure technique involving the confirmation of mesenteric vascular perfusion by fluorescence imaging using indocyanine green: A case report of an infant. Asian Journal of Endoscopic Surgery, 2022, , .	0.4	0
206	Left paraduodenal hernia with intestinal volvulus mimicking midgut volvulus. Pediatrics International, 2022, 64, e14964.	0.2	0
207	Analyzing the conversion factors associated with switching from a single-incision, one-puncture procedure to a two-site, three-port procedure in pediatric laparoscopic appendectomy. Journal of Pediatric Endoscopic Surgery, 0, , 1.	0.1	0
208	Ambidextrous needle driving and knot tying helps perform secure laparoscopic hepaticojejunostomy of choledochal cyst (with video). Journal of Hepato-Biliary-Pancreatic Sciences, 2022, 29, .	1.4	0
209	The analgesic effect of the intravenous administration of acetaminophen for pediatric laparoscopic appendectomy: A comparison of scheduled and on-demand procedures. Asian Journal of Endoscopic Surgery, 2022, , .	0.4	0
210	High insertion of the right diaphragm complicated with congenital diaphragmatic hernia: A case report of rare thoracoscopic findings. Asian Journal of Endoscopic Surgery, 0, , .	0.4	0