

# Agostino Pierro

## List of Publications by Year in descending order

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144  
papers

4,704  
citations

101384

36  
h-index

128067

60  
g-index

198  
all docs

198  
docs citations

198  
times ranked

4194  
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurodevelopmental outcomes of neonates with medically and surgically treated necrotizing enterocolitis. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2007, 92, F193-F198.	1.4	339
2	Breast milk-derived exosomes promote intestinal epithelial cell growth. <i>Journal of Pediatric Surgery</i> , 2017, 52, 755-759.	0.8	188
3	Recovery after open versus laparoscopic pyloromyotomy for pyloric stenosis: a double-blind multicentre randomised controlled trial. <i>Lancet, The</i> , 2009, 373, 390-398.	6.3	171
4	Amniotic fluid stem cells improve survival and enhance repair of damaged intestine in necrotising enterocolitis via a COX-2 dependent mechanism. <i>Gut</i> , 2014, 63, 300-309.	6.1	155
5	Efficacy and Safety of Nonoperative Treatment for Acute Appendicitis: A Meta-analysis. <i>Pediatrics</i> , 2017, 139, .	1.0	128
6	Bovine milk-derived exosomes enhance goblet cell activity and prevent the development of experimental necrotizing enterocolitis. <i>PLoS ONE</i> , 2019, 14, e0211431.	1.1	128
7	International Survey on the Management of Esophageal Atresia. <i>European Journal of Pediatric Surgery</i> , 2014, 24, 003-008.	0.7	123
8	Human Milk Oligosaccharides Increase Mucin Expression in Experimental Necrotizing Enterocolitis. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1800658.	1.5	102
9	Recent advances in understanding necrotizing enterocolitis. <i>F1000Research</i> , 2019, 8, 107.	0.8	98
10	Necrotizing enterocolitis: Prevention, treatment, and outcome. <i>Journal of Pediatric Surgery</i> , 2013, 48, 2359-2367.	0.8	92
11	Intestinal ischemia reperfusion injury and multisystem organ failure. <i>Seminars in Pediatric Surgery</i> , 2004, 13, 11-17.	0.5	89
12	Human breast milk exosomes attenuate intestinal damage. <i>Pediatric Surgery International</i> , 2020, 36, 155-163.	0.6	85
13	Moderate hypothermia as a rescue therapy against intestinal ischemia and reperfusion injury in the rat*. <i>Critical Care Medicine</i> , 2008, 36, 1564-1572.	0.4	80
14	Necrotizing enterocolitis: controversies and challenges. <i>F1000Research</i> , 2015, 4, 1373.	0.8	79
15	International Survey on the Management of Necrotizing Enterocolitis. <i>European Journal of Pediatric Surgery</i> , 2015, 25, 27-33.	0.7	79
16	The surgical management of necrotising enterocolitis. <i>Early Human Development</i> , 2005, 81, 79-85.	0.8	76
17	Urinary intestinal fatty acid-binding protein concentration predicts extent of disease in necrotizing enterocolitis. <i>Journal of Pediatric Surgery</i> , 2010, 45, 735-740.	0.8	70
18	Surgical treatment of infants with necrotizing enterocolitis. <i>Seminars in Fetal and Neonatal Medicine</i> , 2003, 8, 223-232.	2.8	66

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19	Non-digestible oligosaccharides directly regulate host kinome to modulate host inflammatory responses without alterations in the gut microbiota. <i>Microbiome</i> , 2017, 5, 135.	4.9	64
20	European Paediatric Surgeons' Association Survey on the Management of Hirschsprung Disease. <i>European Journal of Pediatric Surgery</i> , 2017, 27, 096-101.	0.7	59
21	Impaired Wnt/ $\beta$ -catenin pathway leads to dysfunction of intestinal regeneration during necrotizing enterocolitis. <i>Cell Death and Disease</i> , 2019, 10, 743.	2.7	59
22	Risk of incomplete pyloromyotomy and mucosal perforation in open and laparoscopic pyloromyotomy. <i>Journal of Pediatric Surgery</i> , 2014, 49, 1083-1086.	0.8	54
23	The role of ischemia in necrotizing enterocolitis. <i>Journal of Pediatric Surgery</i> , 2016, 51, 1255-1261.	0.8	51
24	A comparison of exosomes derived from different periods breast milk on protecting against intestinal organoid injury. <i>Pediatric Surgery International</i> , 2019, 35, 1363-1368.	0.6	51
25	Clinical Outcome of a Randomized Controlled Blinded Trial of Open Versus Laparoscopic Nissen Fundoplication in Infants and Children. <i>Annals of Surgery</i> , 2011, 254, 209-216.	2.1	49
26	Metabolism and nutritional support in the surgical neonate. <i>Journal of Pediatric Surgery</i> , 2002, 37, 811-822.	0.8	48
27	Is early delivery beneficial in gastroschisis?. <i>Journal of Pediatric Surgery</i> , 2014, 49, 928-933.	0.8	48
28	Open versus laparoscopic approach for intestinal malrotation in infants and children: a systematic review and meta-analysis. <i>Pediatric Surgery International</i> , 2016, 32, 1157-1164.	0.6	48
29	Appendectomy versus non-operative treatment for acute uncomplicated appendicitis in children: study protocol for a multicentre, open-label, non-inferiority, randomised controlled trial. <i>BMJ Paediatrics Open</i> , 2017, 1, bmjpo-2017-000028.	0.6	46
30	Experimental necrotizing enterocolitis induces neuroinflammation in the neonatal brain. <i>Journal of Neuroinflammation</i> , 2019, 16, 97.	3.1	45
31	Advances in the surgical approach to congenital diaphragmatic hernia. <i>Seminars in Fetal and Neonatal Medicine</i> , 2014, 19, 364-369.	1.1	44
32	Inhibition of corticotropin-releasing hormone receptor 1 and activation of receptor 2 protect against colonic injury and promote epithelium repair. <i>Scientific Reports</i> , 2017, 7, 46616.	1.6	44
33	Remote ischemic conditioning counteracts the intestinal damage of necrotizing enterocolitis by improving intestinal microcirculation. <i>Nature Communications</i> , 2020, 11, 4950.	5.8	44
34	Vitamin B12 Deficiency Alters the Gut Microbiota in a Murine Model of Colitis. <i>Frontiers in Nutrition</i> , 2020, 7, 83.	1.6	44
35	Four year follow-up of a randomised controlled trial comparing open and laparoscopic Nissen fundoplication in children. <i>Archives of Disease in Childhood</i> , 2014, 99, 516-521.	1.0	41
36	A spectrum of intestinal injury models in neonatal mice. <i>Pediatric Surgery International</i> , 2016, 32, 65-70.	0.6	40

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37	Intraoperative acidosis and hypercapnia during thoracoscopic repair of congenital diaphragmatic hernia and esophageal atresia/tracheoesophageal fistula. <i>Paediatric Anaesthesia</i> , 2017, 27, 841-848.	0.6	40
38	Current Management of Congenital Pulmonary Airway Malformations: A European Pediatric Surgeons' Association Survey. <i>European Journal of Pediatric Surgery</i> , 2018, 28, 001-005.	0.7	39
39	Outcome reporting in randomised controlled trials and meta-analyses of appendicitis treatments in children: a systematic review. <i>Trials</i> , 2015, 16, 275.	0.7	38
40	Stem cell therapy in necrotizing enterocolitis: Current state and future directions. <i>Seminars in Pediatric Surgery</i> , 2018, 27, 57-64.	0.5	38
41	Hypercapnia and acidosis during the thoracoscopic repair of oesophageal atresia and congenital diaphragmatic hernia. <i>Journal of Pediatric Surgery</i> , 2015, 50, 247-249.	0.8	36
42	Preservation of native esophagus in infants with pure esophageal atresia has good long-term outcomes despite significant postoperative morbidity. <i>Pediatric Surgery International</i> , 2016, 32, 113-117.	0.6	36
43	Value of abdominal ultrasound in management of necrotizing enterocolitis: a systematic review and meta-analysis. <i>Pediatric Surgery International</i> , 2018, 34, 589-612.	0.6	35
44	Activation of Wnt signaling by amniotic fluid stem cell-derived extracellular vesicles attenuates intestinal injury in experimental necrotizing enterocolitis. <i>Cell Death and Disease</i> , 2020, 11, 750.	2.7	33
45	Extracellular vesicles isolated from milk can improve gut barrier dysfunction induced by malnutrition. <i>Scientific Reports</i> , 2021, 11, 7635.	1.6	33
46	The Role of Surgery in High-risk Neuroblastoma. <i>Journal of Pediatric Hematology/Oncology</i> , 2020, 42, 1-7.	0.3	31
47	Captopril reduces the severity of bowel damage in a neonatal rat model of necrotizing enterocolitis. <i>Journal of Pediatric Surgery</i> , 2008, 43, 308-314.	0.8	30
48	Management of Pediatric Inguinal Hernias in the Era of Laparoscopy: Results of an International Survey. <i>European Journal of Pediatric Surgery</i> , 2014, 24, 009-013.	0.7	29
49	Gastroesophageal reflux in children with neurological impairment: a systematic review and meta-analysis. <i>Pediatric Surgery International</i> , 2018, 34, 1139-1149.	0.6	29
50	Formula Feeding and Immature Gut Microcirculation Promote Intestinal Hypoxia leading to Necrotizing Enterocolitis. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	1.2	29
51	Amniotic Fluid Stem Cells Prevent Development of Ascites in a Neonatal Rat Model of Necrotizing Enterocolitis. <i>European Journal of Pediatric Surgery</i> , 2014, 24, 057-060.	0.7	28
52	Long-term outcomes following H-type tracheoesophageal fistula repair in infants. <i>Pediatric Surgery International</i> , 2017, 33, 187-190.	0.6	28
53	Improving outcome reporting in clinical trial reports and protocols: study protocol for the Instrument for reporting Planned Endpoints in Clinical Trials (InsPECT). <i>Trials</i> , 2019, 20, 161.	0.7	28
54	Osmolality of enteral formula and severity of experimental necrotizing enterocolitis. <i>Pediatric Surgery International</i> , 2016, 32, 1153-1156.	0.6	27

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55	Esophageal Atresia: Improved Outcome in High-Risk Groups Revisited. <i>European Journal of Pediatric Surgery</i> , 2016, 26, 227-231.	0.7	27
56	Active observation versus interval appendicectomy after successful non-operative treatment of an appendix mass in children (CHINA study): an open-label, randomised controlled trial. <i>The Lancet Gastroenterology and Hepatology</i> , 2017, 2, 253-260.	3.7	27
57	Duhamel and Transanal Endorectal Pull-throughs for Hirschsprung' Disease: A Systematic Review and Meta-analysis. <i>European Journal of Pediatric Surgery</i> , 2018, 28, 081-088.	0.7	27
58	Protective effects of vitamin D against injury in intestinal epithelium. <i>Pediatric Surgery International</i> , 2019, 35, 1395-1401.	0.6	27
59	Human Milk Oligosaccharides Protect against Necrotizing Enterocolitis by Activating Intestinal Cell Differentiation. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e2000519.	1.5	27
60	Outcome of esophageal atresia/tracheoesophageal fistula in extremely low birth weight neonates (<1000Âgrams). <i>Pediatric Surgery International</i> , 2016, 32, 83-88.	0.6	26
61	Endoplasmic reticulum stress is involved in the colonic epithelium damage induced by maternal separation. <i>Journal of Pediatric Surgery</i> , 2016, 51, 1001-1004.	0.8	25
62	Beneficial effects of butyrate in intestinal injury. <i>Journal of Pediatric Surgery</i> , 2020, 55, 1088-1093.	0.8	25
63	Intestinal epithelial cell injury is rescued by hydrogen sulfide. <i>Journal of Pediatric Surgery</i> , 2016, 51, 775-778.	0.8	24
64	Neurodevelopmental and growth outcomes of extremely preterm infants with necrotizing enterocolitis or spontaneous intestinal perforation. <i>Journal of Pediatric Surgery</i> , 2021, 56, 309-316.	0.8	24
65	Perioperative Complications Following Surgery for Necrotizing Enterocolitis. <i>European Journal of Pediatric Surgery</i> , 2018, 28, 148-151.	0.7	23
66	Effect of gestational age at birth on neonatal outcomes in gastroschisis. <i>Journal of Pediatric Surgery</i> , 2016, 51, 734-738.	0.8	22
67	Intestinal epithelial injury induced by maternal separation is protected by hydrogen sulfide. <i>Journal of Pediatric Surgery</i> , 2017, 52, 40-44.	0.8	22
68	European Paediatric Surgeons' Association Survey on the Management of Pediatric Appendicitis. <i>European Journal of Pediatric Surgery</i> , 2019, 29, 053-061.	0.7	22
69	Surgical Management of Pediatric Inguinal Hernia: A Systematic Review and Guideline from the European Pediatric Surgeons' Association Evidence and Guideline Committee. <i>European Journal of Pediatric Surgery</i> , 2022, 32, 219-232.	0.7	22
70	Thyroid Surgery in Children: Clinical Outcomes. <i>European Journal of Pediatric Surgery</i> , 2015, 25, 425-429.	0.7	21
71	Are prophylactic anti-reflux medications effective after esophageal atresia repair? Systematic review and meta-analysis. <i>Pediatric Surgery International</i> , 2018, 34, 491-497.	0.6	21
72	Ground flaxseed reverses protection of a reduced-fat diet against <i>Citrobacter rodentium</i> -induced colitis. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G788-G798.	1.6	21

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73	Smooth muscle actin as a novel serologic marker of severe intestinal damage in rat intestinal ischemiaâ€“reperfusion and human necrotizing enterocolitis. <i>Journal of Surgical Research</i> , 2014, 191, 323-330.	0.8	20
74	International Survey on the Management of Congenital Diaphragmatic Hernia. <i>European Journal of Pediatric Surgery</i> , 2016, 26, 038-046.	0.7	20
75	Vasoactive intestinal peptide decreases inflammation and tight junction disruption in experimental necrotizing enterocolitis. <i>Journal of Pediatric Surgery</i> , 2019, 54, 2520-2523.	0.8	20
76	Atropine Treatment for Hypertrophic Pyloric Stenosis: A Systematic Review and Meta-Analysis. <i>European Journal of Pediatric Surgery</i> , 2018, 28, 393-399.	0.7	19
77	Initiation of Enteral Feeding After Necrotizing Enterocolitis. <i>European Journal of Pediatric Surgery</i> , 2018, 28, 044-050.	0.7	18
78	Reoperation after Laddâ€™s procedure in the neonatal period. <i>Pediatric Surgery International</i> , 2019, 35, 117-120.	0.6	18
79	Administration of extracellular vesicles derived from human amniotic fluid stem cells: a new treatment for necrotizing enterocolitis. <i>Pediatric Surgery International</i> , 2021, 37, 301-309.	0.6	18
80	Classification and clinical evaluation. <i>Seminars in Pediatric Surgery</i> , 2015, 24, 207-211.	0.5	17
81	The Timing of Stoma Closure in Infants with Necrotizing Enterocolitis: A Systematic Review and Meta-Analysis. <i>European Journal of Pediatric Surgery</i> , 2017, 27, 007-011.	0.7	17
82	Neonatal intestinal organoids as an ex vivo approach to study early intestinal epithelial disorders. <i>Pediatric Surgery International</i> , 2019, 35, 3-7.	0.6	17
83	Lactoferrin Reduces Necrotizing Enterocolitis Severity by Upregulating Intestinal Epithelial Proliferation. <i>European Journal of Pediatric Surgery</i> , 2020, 30, 090-095.	0.7	17
84	Fecal microbiota transplantation by enema reduces intestinal injury in experimental necrotizing enterocolitis. <i>Journal of Pediatric Surgery</i> , 2020, 55, 1094-1098.	0.8	17
85	Protective effects of lactoferrin on injured intestinal epithelial cells. <i>Journal of Pediatric Surgery</i> , 2019, 54, 2509-2513.	0.8	15
86	Intestinal epithelial tight junctions and permeability can be rescued through the regulation of endoplasmic reticulum stress by amniotic fluid stem cells during necrotizing enterocolitis. <i>FASEB Journal</i> , 2021, 35, e21265.	0.2	15
87	Early maternal separation induces alterations of colonic epithelial permeability and morphology. <i>Pediatric Surgery International</i> , 2014, 30, 1217-1222.	0.6	14
88	A Systematic Review of Prenatally Diagnosed Intra-abdominal Enteric Duplication Cysts. <i>European Journal of Pediatric Surgery</i> , 2019, 29, 068-074.	0.7	14
89	Laparoscopy in pediatric surgery: Implementation in Canada and supporting evidence. <i>Journal of Pediatric Surgery</i> , 2016, 51, 822-827.	0.8	13
90	Laparoscopy or laparotomy for adhesive bowel obstruction in children: a systematic review and meta-analysis. <i>Pediatric Surgery International</i> , 2018, 34, 177-182.	0.6	13

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91	Management of pediatric appendiceal carcinoid: a single institution experience from 5000 appendectomies. <i>Pediatric Surgery International</i> , 2019, 35, 1427-1430.	0.6	13
92	One-stage repair of anorectal malformations in females with vestibular fistula: a systematic review and meta-analysis. <i>Pediatric Surgery International</i> , 2019, 35, 77-85.	0.6	13
93	Intestinal organoids in infants and children. <i>Pediatric Surgery International</i> , 2020, 36, 1-10.	0.6	13
94	The intestinal injury caused by ischemia-reperfusion is attenuated by amniotic fluid stem cells via the release of tumor necrosis factor-stimulated gene 6 protein. <i>FASEB Journal</i> , 2020, 34, 6824-6836.	0.2	13
95	Influence of stress factors on intestinal epithelial injury and regeneration. <i>Pediatric Surgery International</i> , 2018, 34, 155-160.	0.6	12
96	Open Versus Laparoscopic Approach for Morgagni's Hernia in Infants and Children: A Systematic Review and Meta-Analysis. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2018, 28, 888-893.	0.5	12
97	Early enteral feeding after intestinal anastomosis in children: a systematic review and meta-analysis of randomized controlled trials. <i>Pediatric Surgery International</i> , 2021, 37, 403-410.	0.6	12
98	Surgical site infection after open and laparoscopic surgery in children: a systematic review and meta-analysis. <i>Pediatric Surgery International</i> , 2021, 37, 973-981.	0.6	11
99	Gastric emptying is reduced in experimental NEC and correlates with the severity of intestinal damage. <i>Journal of Pediatric Surgery</i> , 2017, 52, 744-748.	0.8	10
100	A novel model of injured liver ductal organoids to investigate cholangiocyte apoptosis with relevance to biliary atresia. <i>Pediatric Surgery International</i> , 2020, 36, 1471-1479.	0.6	10
101	Amniotic fluid stem cell administration can prevent epithelial injury from necrotizing enterocolitis. <i>Pediatric Research</i> , 2022, 91, 101-106.	1.1	10
102	Liver damage, proliferation, and progenitor cell markers in experimental necrotizing enterocolitis. <i>Journal of Pediatric Surgery</i> , 2018, 53, 909-913.	0.8	9
103	The value of mechanical bowel preparation prior to pediatric colorectal surgery: a systematic review and meta-analysis. <i>Pediatric Surgery International</i> , 2018, 34, 1305-1320.	0.6	9
104	Safety and usefulness of plastic closure in infants with gastroschisis: a systematic review and meta-analysis. <i>Pediatric Surgery International</i> , 2019, 35, 107-116.	0.6	9
105	Treatment of necrotizing enterocolitis by conditioned medium derived from human amniotic fluid stem cells. <i>PLoS ONE</i> , 2021, 16, e0260522.	1.1	9
106	Structure-Function Relationships of Human Milk Oligosaccharides on the Intestinal Epithelial Transcriptome in Caco-2 Cells and a Murine Model of Necrotizing Enterocolitis. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100893.	1.5	9
107	Carnitine and Fatty Acid Oxidation in Sepsis. <i>Monatshefte für Chemie</i> , 2005, 136, 1483-1492.	0.9	8
108	The Value of Surveys in Pediatric Surgery. <i>European Journal of Pediatric Surgery</i> , 2015, 25, 500-503.	0.7	8

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109	The effect of pre- and post-remote ischemic conditioning reduces the injury associated with intestinal ischemia/reperfusion. <i>Pediatric Surgery International</i> , 2020, 36, 1437-1442.	0.6	8
110	Meso-Rex bypass versus portosystemic shunt for the management of extrahepatic portal vein obstruction in children: systematic review and meta-analysis. <i>Pediatric Surgery International</i> , 2021, 37, 1699-1710.	0.6	8
111	Necrotizing Enterocolitis: State of the Art in Translating Experimental Research to the Bedside. <i>European Journal of Pediatric Surgery</i> , 2019, 29, 352-360.	0.7	7
112	The role of autophagy in intestinal epithelial injury. <i>Pediatric Surgery International</i> , 2019, 35, 1389-1394.	0.6	7
113	Intestinal malrotation in infants with omphalocele: A systematic review and meta-analysis. <i>Journal of Pediatric Surgery</i> , 2019, 54, 378-382.	0.8	7
114	Lysosomal overloading and necrotizing enterocolitis. <i>Pediatric Surgery International</i> , 2020, 36, 1157-1165.	0.6	7
115	Endoplasmic reticulum stress in the acute intestinal epithelial injury of necrotizing enterocolitis. <i>Pediatric Surgery International</i> , 2021, 37, 1151-1160.	0.6	7
116	Remote ischemic conditioning in necrotizing enterocolitis: study protocol of a multi-center phase II feasibility randomized controlled trial. <i>Pediatric Surgery International</i> , 2022, 38, 679-694.	0.6	7
117	Metabolic profile of children with extrahepatic portal vein obstruction undergoing meso-Rex bypass. <i>Journal of Surgical Research</i> , 2018, 223, 109-114.	0.8	6
118	Primary versus Staged Closure of Exomphalos Major: Cardiac Anomalies Do Not Affect Outcome. <i>European Journal of Pediatric Surgery</i> , 2018, 28, 279-284.	0.7	6
119	Post-operative paralysis and elective ventilation reduces anastomotic complications in esophageal atresia: a systematic review and meta-analysis. <i>Pediatric Surgery International</i> , 2019, 35, 87-95.	0.6	6
120	Is the Laparotomy Here to Stay? A Review of the Disadvantages of Laparoscopy. <i>European Journal of Pediatric Surgery</i> , 2020, 30, 181-186.	0.7	6
121	Remote ischemic conditioning avoids the development of intestinal damage after ischemia reperfusion by reducing intestinal inflammation and increasing intestinal regeneration. <i>Pediatric Surgery International</i> , 2021, 37, 333-337.	0.6	6
122	Remote ischemic conditioning causes CD4 T cells shift towards reduced cell-mediated inflammation. <i>Pediatric Surgery International</i> , 2022, 38, 657-664.	0.6	6
123	Histologic and Immunohistochemical Features Associated with Outcome in Neonatal Necrotizing Enterocolitis. <i>European Journal of Pediatric Surgery</i> , 2014, 24, 051-056.	0.7	5
124	Mitochondrial DNA: A Biomarker of Disease Severity in Necrotizing Enterocolitis. <i>European Journal of Pediatric Surgery</i> , 2020, 30, 085-089.	0.7	5
125	Clinical and Economic Value of Routine Pathological Examination of Hernia Sacs and Scheduled Clinic Follow-Ups After Inguinal Hernia and Hydrocele Repair in a Canadian Tertiary Care Children's Hospital. <i>Journal of Pediatric Surgery</i> , 2020, 55, 1463-1469.	0.8	5
126	Live Intravital Intestine with Blood Flow Visualization in Neonatal Mice Using Two-photon Laser Scanning Microscopy. <i>Bio-protocol</i> , 2021, 11, e3937.	0.2	5



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127	Human breast milk-derived exosomes protect against intestinal ischemia and reperfusion injury in neonatal rats. <i>Journal of Pediatric Surgery</i> , 2022, 57, 1264-1268.	0.8	5
128	Amniotic fluid and breast milk: a rationale for breast milk stem cell therapy in neonatal diseases. <i>Pediatric Surgery International</i> , 2020, 36, 999-1007.	0.6	4
129	Antenatal corticosteroids and outcomes in gastroschisis: A multicenter retrospective cohort study. <i>Prenatal Diagnosis</i> , 2020, 40, 991-997.	1.1	4
130	Calcium/calmodulin-dependent protein kinase IV signaling pathway is upregulated in experimental necrotizing enterocolitis. <i>Pediatric Surgery International</i> , 2020, 36, 271-277.	0.6	4
131	Nasogastric decompression after intestinal surgery in children: a systematic review and meta-analysis. <i>Pediatric Surgery International</i> , 2021, 37, 377-388.	0.6	4
132	Live Imaging of Fetal Intra-abdominal Organs Using Two-Photon Laser-Scanning Microscopy. <i>Methods in Molecular Biology</i> , 2018, 1752, 63-69.	0.4	3
133	Neonatal intestinal injury induced by maternal separation: pathogenesis and pharmacological targets. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019, 97, 193-196.	0.7	3
134	Diagnostic Workup of Neonates With Esophageal Atresia: Results From the EUPSA Esophageal Atresia Registry. <i>Frontiers in Pediatrics</i> , 2020, 8, 489.	0.9	3
135	Hepatic oxidative injury: role of mitochondrial dysfunction in necrotizing enterocolitis. <i>Pediatric Surgery International</i> , 2021, 37, 325-332.	0.6	3
136	Doppler ultrasound assessment of splanchnic perfusion and heart rate for the detection of necrotizing enterocolitis. <i>Pediatric Surgery International</i> , 2021, 37, 347-352.	0.6	3
137	Endothelin receptor B affects the perfusion of newborn intestine: possible mechanism of necrotizing enterocolitis development. <i>Pediatric Surgery International</i> , 2019, 35, 1339-1343.	0.6	2
138	Liver Organoids Generated from Mice with Necrotizing Enterocolitis Have Reduced Regenerative Capacity. <i>European Journal of Pediatric Surgery</i> , 2020, 30, 079-084.	0.7	2
139	Nutrition in the neonatal surgical patient. , 0, , 569-585.		1
140	Human amniotic fluid stem cells attenuate cholangiocyte apoptosis in a bile duct injury model of liver ductal organoids. <i>Journal of Pediatric Surgery</i> , 2021, 56, 11-16.	0.8	1
141	Hirschsprung-Associated Enterocolitis: Transformative Research from Bench to Bedside. <i>European Journal of Pediatric Surgery</i> , 2022, 32, 383-390.	0.7	1
142	Becoming an academic pediatric surgeon scientist in Canada. <i>Seminars in Pediatric Surgery</i> , 2021, 30, 151015.	0.5	0
143	Editorial. <i>Pediatric Surgery International</i> , 2022, 38, 1-2.	0.6	0
144	ELECTIVE DELIVERY VERSUS EXPECTANT MANAGEMENT FOR GASTROSCHISIS: A SYSTEMIC REVIEW AND META-ANALYSIS. <i>European Journal of Pediatric Surgery</i> , 0, , .	0.7	0