

# Catherine J Hunter

## List of Publications by Year in descending order

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Version: 2024-02-01

62  
papers

1,879  
citations

304602

22  
h-index

265120

42  
g-index

64  
all docs

64  
docs citations

64  
times ranked

2147  
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the Susceptibility of the Premature Infant to Necrotizing Enterocolitis (NEC). <i>Pediatric Research</i> , 2008, 63, 117-123.	1.1	212
2	<i>Cronobacter</i> : an emerging opportunistic pathogen associated with neonatal meningitis, sepsis and necrotizing enterocolitis. <i>Journal of Perinatology</i> , 2013, 33, 581-585.	0.9	135
3	Probiotic <i>Lactobacillus</i> Species Strengthen Intestinal Barrier Function and Tight Junction Integrity in Experimental Necrotizing Enterocolitis. <i>Journal of Probiotics &amp; Health</i> , 2017, 05, .	0.6	116
4	The Role of Nitric Oxide in Intestinal Epithelial Injury and Restitution in Neonatal Necrotizing Enterocolitis. <i>Seminars in Perinatology</i> , 2008, 32, 92-99.	1.1	105
5	<i>Enterobacter sakazakii</i> Enhances Epithelial Cell Injury by Inducing Apoptosis in a Rat Model of Necrotizing Enterocolitis. <i>Journal of Infectious Diseases</i> , 2008, 198, 586-593.	1.9	96
6	<i>Enterobacter sakazakii</i> : An Emerging Pathogen in Infants and Neonates. <i>Surgical Infections</i> , 2008, 9, 533-539.	0.7	87
7	Brain damage in newborn rat model of meningitis by <i>Enterobacter sakazakii</i> : a role for outer membrane protein A. <i>Laboratory Investigation</i> , 2009, 89, 263-277.	1.7	79
8	Inflammatory signaling in NEC: Role of NF- $\kappa$ B, cytokines and other inflammatory mediators. <i>Pathophysiology</i> , 2014, 21, 55-65.	1.0	73
9	Central venous access in children: indications, devices, and risks. <i>Current Opinion in Pediatrics</i> , 2017, 29, 340-346.	1.0	70
10	Role of interleukin-10 in the pathogenesis of necrotizing enterocolitis. <i>American Journal of Surgery</i> , 2012, 203, 428-435.	0.9	67
11	Role of the Host Defense System and Intestinal Microbial Flora in the Pathogenesis of Necrotizing Enterocolitis. <i>Surgical Infections</i> , 2009, 10, 407-417.	0.7	62
12	Esophageal atresia/tracheoesophageal fistula in very low-birth-weight neonates: improved outcomes with staged repair. <i>Journal of Pediatric Surgery</i> , 2009, 44, 2278-2281.	0.8	62
13	The ErbB4 Ligand Neuregulin-4 Protects against Experimental Necrotizing Enterocolitis. <i>American Journal of Pathology</i> , 2014, 184, 2768-2778.	1.9	59
14	Percutaneous Liver Biopsy. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2013, 57, 644-648.	0.9	56
15	<i>Lactobacillus bulgaricus</i> Prevents Intestinal Epithelial Cell Injury Caused by <i>Enterobacter sakazakii</i> -Induced Nitric Oxide both In Vitro and in the Newborn Rat Model of Necrotizing Enterocolitis. <i>Infection and Immunity</i> , 2009, 77, 1031-1043.	1.0	54
16	The science and necessity of using animal models in the study of necrotizing enterocolitis. <i>Seminars in Pediatric Surgery</i> , 2018, 27, 29-33.	0.5	41
17	Repair of long-gap esophageal atresia: gastric conduits may improve outcome—a 20-year single center experience. <i>Pediatric Surgery International</i> , 2009, 25, 1087-1091.	0.6	34
18	Rho kinase inhibition maintains intestinal and vascular barrier function by upregulation of occludin in experimental necrotizing enterocolitis. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G514-G528.	1.6	27

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19	An unusual case of small bowel obstruction in a child caused by ingestion of water-storing gel beads. <i>Journal of Pediatric Surgery</i> , 2012, 47, e19-e22.	0.8	26
20	A single center retrospective review of hair tourniquet syndrome and a proposed treatment algorithm. <i>Journal of Pediatric Surgery</i> , 2015, 50, 1583-1585.	0.8	26
21	Observation for isolated traumatic skull fractures in the pediatric population: unnecessary and costly. <i>Journal of Pediatric Surgery</i> , 2016, 51, 654-658.	0.8	26
22	Enteric duplication cysts of the pancreas: a report of two cases and review of the literature. <i>Pediatric Surgery International</i> , 2008, 24, 227-233.	0.6	25
23	Caveolin 1 is Associated with Upregulated Claudin 2 in Necrotizing Enterocolitis. <i>Scientific Reports</i> , 2019, 9, 4982.	1.6	24
24	Peripherally Inserted Central Catheters Complicated by Vascular Erosion in Neonates. <i>Journal of Parenteral and Enteral Nutrition</i> , 2016, 40, 890-895.	1.3	23
25	Pneumatosis intestinalis after laparoscopic appendectomy: case report and review of the literature. <i>Journal of Pediatric Surgery</i> , 2011, 46, e21-e24.	0.8	20
26	Dissemination of <i>Strongyloides stercoralis</i> in a patient with systemic lupus erythematosus after initiation of albendazole: a case report. <i>Journal of Medical Case Reports</i> , 2008, 2, 156.	0.4	17
27	Subcutaneous Fixation of Gastrostomy Tube Is Superior to Temporary Fixation. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2010, 20, 207-209.	0.5	17
28	A Role for cAMP and Protein Kinase A in Experimental Necrotizing Enterocolitis. <i>American Journal of Pathology</i> , 2017, 187, 401-417.	1.9	17
29	Impact of Decolonization Protocols and Recurrence in Pediatric MRSA Skin and Soft-Tissue Infections. <i>Journal of Surgical Research</i> , 2019, 242, 70-77.	0.8	16
30	A Novel Human Epithelial Enteroid Model of Necrotizing Enterocolitis. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	16
31	Alpha-fetoprotein levels correlate with the pathologic grade and surgical outcomes of pediatric retroperitoneal teratomas. <i>Pediatric Surgery International</i> , 2009, 25, 331-336.	0.6	15
32	ROCK1 inhibitor stabilizes E-cadherin and improves barrier function in experimental necrotizing enterocolitis. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, G781-G792.	1.6	15
33	Recombinant factor VIIa for treatment of massive liver fracture in a premature infant. <i>Journal of Pediatric Surgery</i> , 2006, 41, 1764-1767.	0.8	14
34	Outcomes and associated ethical considerations of long-run pediatric ECMO at a single center institution. <i>Pediatric Surgery International</i> , 2019, 35, 321-328.	0.6	14
35	Effect of preadmission bowel preparation on outcomes of elective colorectal procedures in young children. <i>Journal of Pediatric Surgery</i> , 2018, 53, 704-707.	0.8	13
36	Early postoperative fever workup in children: utilization and utility. <i>Journal of Pediatric Surgery</i> , 2018, 53, 1295-1300.	0.8	13

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37	Quantifying postoperative sleep loss associated with increased pain in children undergoing a modified Nuss operation. <i>Journal of Pediatric Surgery</i> , 2020, 55, 1846-1849.	0.8	12
38	Refractory Eczematous Dermatitis Associated With Retained Suture Material. <i>Annals of Plastic Surgery</i> , 2006, 56, 205-207.	0.5	11
39	Preservation of extracorporeal tissue in closing gastroschisis augments intestinal length. <i>Journal of Pediatric Surgery</i> , 2008, 43, 2213-2215.	0.8	11
40	<i>Cronobacter</i> spp. <i>Microbiology Spectrum</i> , 2016, 4, .	1.2	11
41	Measuring the impact of surgical intervention on pediatric pectus excavatum using white light scanning. <i>Journal of Pediatric Surgery</i> , 2019, 54, 2261-2267.	0.8	10
42	Self-Assembling Nanofibers Inhibit Inflammation in a Murine Model of Crohn's Disease-Like Ileitis. <i>Advanced Therapeutics</i> , 2021, 4, 2000274.	1.6	7
43	Analysis of factors predicting surgical intervention and associated costs in pediatric breast masses: a single center study. <i>Pediatric Surgery International</i> , 2018, 34, 679-685.	0.6	6
44	An unusual case of neuroblastoma with angiomatoid features. <i>Journal of Pediatric Surgery</i> , 2007, 42, e11-e13.	0.8	5
45	Alvarado Scores Predict Additive Value of Magnetic Resonance Imaging in Workup of Suspected Appendicitis in Children. <i>Journal of Surgical Research</i> , 2019, 244, 42-49.	0.8	5
46	Mesenteric lymphatic malformation associated with acute appendicitis: a case report. <i>Journal of Medical Case Reports</i> , 2009, 3, 9030.	0.4	4
47	Experimental Modeling of Necrotizing Enterocolitis in Human Infant Intestinal Enteroids. <i>Journal of Investigative Surgery</i> , 2022, 35, 111-118.	0.6	4
48	Controversy in the classification of appendicitis and utilization of postoperative antibiotics. <i>Surgery</i> , 2022, 171, 1022-1026.	1.0	4
49	Identification of suitable reference microRNA for qPCR analysis in pediatric inflammatory bowel disease. <i>Physiological Genomics</i> , 2019, 51, 169-175.	1.0	3
50	Advances in our understanding of the molecular pathogenesis of necrotizing enterocolitis. <i>BMC Pediatrics</i> , 2022, 22, 225.	0.7	3
51	Intraoperative hypercyanosis in a patient with pulmonary artery band: case report and review of the literature. <i>Journal of Clinical Anesthesia</i> , 2012, 24, 652-655.	0.7	2
52	Large clear cell sarcoma of the kidney mistaken as Wilms' tumor. <i>Journal of Pediatric Surgery Case Reports</i> , 2013, 1, 235-238.	0.1	2
53	Ethical Dilemmas in the Management of Infants with Necrotizing Enterocolitis Totalis. <i>Journal of Pediatric Surgery</i> , 2021, , .	0.8	2
54	Use of the Harmonic Blade Scalpel as a Novel Technique for Thoracoscopic Resection of Pediatric Paraspinal Masses in Children. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2014, 24, 274-279.	0.5	1

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55	Utility of liver biopsy in the evaluation of pediatric total parenteral nutrition cholestasis. American Journal of Surgery, 2018, 216, 672-677.	0.9	1
56	This is Our Lane: A Pilot Study Examining the Surgeon's Role in Social Justice Advocacy. American Journal of Surgery, 2021, , .	0.9	1
57	Significance and innovation: cornerstones of a successful grant application. Surgery, 2021, 170, 1080-1082.	1.0	1
58	Methicillin-resistant Staphylococcus aureus enterocolitis in a 16-month-old boy: a case report. Journal of Medical Case Reports, 2022, 16, 155.	0.4	1
59	Reply to Letter to the Editor by Evans. Journal of Pediatric Surgery, 2009, 44, 1297-1298.	0.8	0
60	Colonic venous malformation and portal hypertension: association, management, and review of the literature. Pediatric Surgery International, 2012, 28, 435-438.	0.6	0
61	<i>Cronobacter</i> spp. , 0, , 255-263.		0
62	Ethical considerations of academic surgical research. Seminars in Pediatric Surgery, 2021, 30, 151097.	0.5	0