Robert J Shulman

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Childhood Functional Gastrointestinal Disorders: Child/Adolescent. Gastroenterology, 2016, 150, 1456-1468.e2.	1.3	873
2	Feeding Strategies for Premature Infants: Beneficial Outcomes of Feeding Fortified Human Milk Versus Preterm Formula. Pediatrics, 1999, 103, 1150-1157.	2.1	632
3	Gastrointestinal Microbiome Signatures of Pediatric Patients With Irritable Bowel Syndrome. Gastroenterology, 2011, 141, 1782-1791.	1.3	579
4	Brain–Gut Microbiome Interactions and Functional Bowel Disorders. Gastroenterology, 2014, 146, 1500-1512.	1.3	383
5	Structure and function of the healthy pre-adolescent pediatric gut microbiome. Microbiome, 2015, 3, 36.	11.1	283
6	Prevalence of Pediatric Functional Gastrointestinal Disorders Utilizing the Rome IV Criteria. Journal of Pediatrics, 2018, 195, 134-139.	1.8	213
7	Health-Related Quality of Life in Pediatric Patients with Functional andÂOrganic Gastrointestinal Diseases. Journal of Pediatrics, 2015, 166, 85-90.e2.	1.8	187
8	Early Feeding, Antenatal Glucocorticoids, and Human Milk Decrease Intestinal Permeability in Preterm Infants. Pediatric Research, 1998, 44, 519-523.	2.3	161
9	Increased Gastrointestinal Permeability and Gut Inflammation in Children with Functional Abdominal Pain and Irritable Bowel Syndrome. Journal of Pediatrics, 2008, 153, 646-650.	1.8	157
10	Functional Dyspepsia and Gastroparesis in Tertiary Care are Interchangeable Syndromes With Common Clinical and Pathologic Features. Gastroenterology, 2021, 160, 2006-2017.	1.3	141
11	Reliability and Validity of a Modified Bristol Stool Form Scale for Children. Journal of Pediatrics, 2011, 159, 437-441.e1.	1.8	126
12	Gut microbiota influences low fermentable substrate diet efficacy in children with irritable bowel syndrome. Gut Microbes, 2014, 5, 165-175.	9.8	121
13	The Gut Microbiome in Adult and Pediatric Functional Gastrointestinal Disorders. Clinical Gastroenterology and Hepatology, 2019, 17, 256-274.	4.4	119
14	Porcine Colostrum and Milk Stimulate Visceral Organ and Skeletal Muscle Protein Synthesis in Neonatal Piglets. Journal of Nutrition, 1992, 122, 1205-1213.	2.9	114
15	Paediatric functional abdominal pain disorders. Nature Reviews Disease Primers, 2020, 6, 89.	30.5	86
16	Parenteral Nutrition in Infants and Children. Journal of Pediatric Gastroenterology and Nutrition, 2003, 36, 587-607.	1.8	81
17	Psyllium Fiber Reduces Abdominal Pain in Children With Irritable Bowel Syndrome in a Randomized, Double-Blind Trial. Clinical Gastroenterology and Hepatology, 2017, 15, 712-719.e4.	4.4	77
18	A Randomized, Double-Blind, Placebo-Controlled Trial of Rifaximin, a Nonabsorbable Antibiotic, in the Treatment of Tropical Enteropathy. American Journal of Gastroenterology, 2009, 104, 2326-2333.	0.4	72

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19	Creation and Initial Evaluation of a Stool Form Scale for Children. Journal of Pediatrics, 2010, 157, 594-597.	1.8	67
20	Associations among gut permeability, inflammatory markers, and symptoms in patients with irritable bowel syndrome. Journal of Gastroenterology, 2014, 49, 1467-1476.	5.1	67
21	Perturbed Zinc Homeostasis in Rural 3–5-y-Old Malawian Children Is Associated With Abnormalities in Intestinal Permeability Attributed to Tropical Enteropathy. Pediatric Research, 2010, 67, 671-675.	2.3	62
22	Leveraging Human Microbiome Features to Diagnose and Stratify Children with Irritable Bowel Syndrome. Journal of Molecular Diagnostics, 2019, 21, 449-461.	2.8	59
23	Esophageal Food Impaction and Eosinophilic Esophagitis: A Retrospective Study, Systematic Review, and Meta-Analysis. Digestive Diseases and Sciences, 2015, 60, 3181-3193.	2.3	58
24	The Fecal Microbiome in Pediatric Patients With Short Bowel Syndrome. Journal of Parenteral and Enteral Nutrition, 2016, 40, 1106-1113.	2.6	57
25	Use of Hydrochloric Acid to Clear Obstructed Central Venous Catheters. Journal of Parenteral and Enteral Nutrition, 1988, 12, 509-510.	2.6	56
26	Characteristics of Pain and Stooling in Children With Recurrent Abdominal Pain. Journal of Pediatric Gastroenterology and Nutrition, 2007, 44, 203-208.	1.8	55
27	Influence of changes in lactase activity and small-intestinal mucosal growth on lactose digestion and absorption in preterm infants. American Journal of Clinical Nutrition, 2005, 81, 472-479.	4.7	53
28	Evaluation of Potential Factors Predicting Attainment of Full Gavage Feedings in Preterm Infants. Neonatology, 2011, 99, 38-44.	2.0	52
29	PedsQLâ,,¢ Gastrointestinal Symptoms Scales and Gastrointestinal Worry Scales in pediatric patients with functional and organic gastrointestinal diseases in comparison to healthy controls. Quality of Life Research, 2015, 24, 363-378.	3.1	50
30	Endogenous Inhibition of Somatic Pain Is Impaired in Girls With Irritable Bowel Syndrome Compared With Healthy Girls. Journal of Pain, 2013, 14, 921-930.	1.4	49
31	Effects of Timing, Sex, and Age on Siteâ€specific Gastrointestinal Permeability Testing in Children and Adults. Journal of Pediatric Gastroenterology and Nutrition, 2010, 50, 269-275.	1.8	46
32	Interpretability of the PedsQLÂ Gastrointestinal Symptoms Scales and Gastrointestinal Worry Scales in Pediatric Patients With Functional and Organic Gastrointestinal Diseases. Journal of Pediatric Psychology, 2015, 40, 591-601.	2.1	46
33	Underlying molecular and cellular mechanisms in childhood irritable bowel syndrome. Molecular and Cellular Pediatrics, 2016, 3, 11.	1.8	45
34	Self-Perceived Food Intolerances Are Common and Associated with Clinical Severity in Childhood Irritable Bowel Syndrome. Journal of the Academy of Nutrition and Dietetics, 2016, 116, 1458-1464.	0.8	44
35	Gut permeability and depressive symptom severity in unmedicated adolescents. Journal of Affective Disorders, 2019, 246, 586-594.	4.1	43
36	Relationships of Microbiome Markers With Extraintestinal, Psychological Distress and Gastrointestinal Symptoms, and Quality of Life in Women With Irritable Bowel Syndrome. Journal of Clinical Gastroenterology, 2020, 54, 175-183.	2.2	43

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37	Child and Parent Perceived Food-Induced Gastrointestinal Symptoms and Quality of Life in Children with Functional Gastrointestinal Disorders. Journal of the Academy of Nutrition and Dietetics, 2014, 114, 403-413.	0.8	42
38	Translational Advances in Pediatric Nutrition and Gastroenterology: New Insights from Pig Models. Annual Review of Animal Biosciences, 2020, 8, 321-354.	7.4	42
39	Multiple Micronutrient Supplementation Transiently Ameliorates Environmental Enteropathy in Malawian Children Aged 12–35 Months in a Randomized Controlled Clinical Trial. Journal of Nutrition, 2014, 144, 2059-2065.	2.9	41
40	Subtypes of Irritable Bowel Syndrome in Children and Adolescents. Clinical Gastroenterology and Hepatology, 2014, 12, 1468-1473.	4.4	41
41	Absorption of lactose, glucose polymers, or combination in premature infants. Journal of Pediatrics, 1995, 127, 626-631.	1.8	38
42	Transcriptomic signatures reveal immune dysregulation in human diabetic and idiopathic gastroparesis. BMC Medical Genomics, 2018, 11, 62.	1.5	38
43	Balance of Autonomic Nervous System Predicts Who Benefits from a Self-management Intervention Program for Irritable Bowel Syndrome. Journal of Neurogastroenterology and Motility, 2015, 22, 102-111.	2.4	37
44	Dietary Carbohydrates and Childhood Functional Abdominal Pain. Annals of Nutrition and Metabolism, 2016, 68, 7-17.	1.9	36
45	Effectiveness of gastric electrical stimulation in gastroparesis: Results from a large prospectively collected database of national gastroparesis registries. Neurogastroenterology and Motility, 2019, 31, e13714.	3.0	36
46	Zinc or Albendazole Attenuates the Progression of Environmental Enteropathy: A Randomized Controlled Trial. Clinical Gastroenterology and Hepatology, 2014, 12, 1507-1513.e1.	4.4	35
47	Feeding Colostrum Rapidly Alters Enzymatic Activity and the Relative Isoform Abundance of Jejunal Lactase in Neonatal Pigs ,. Journal of Nutrition, 1994, 124, 2350-2357.	2.9	33
48	Serum Tryptophan Metabolite Levels During Sleep in Patients With and Without Irritable Bowel Syndrome (IBS). Biological Research for Nursing, 2016, 18, 193-198.	1.9	33
49	Multiple psychological factors predict abdominal pain severity in children with irritable bowel syndrome. Neurogastroenterology and Motility, 2019, 31, e13509.	3.0	31
50	Absorption and Oxidation of Glucose Polymers of Different Lengths in Young Infants. Pediatric Research, 1986, 20, 740-743.	2.3	28
51	Recurrent Abdominal Pain in Children: Forerunner to Adult Irritable Bowel Syndrome?. Journal for Specialists in Pediatric Nursing, 2003, 8, 81-89.	1.1	28
52	Gastrointestinal symptoms predictors of health-related quality of life in pediatric patients with functional gastrointestinal disorders. Quality of Life Research, 2017, 26, 1015-1025.	3.1	27
53	Symptom Profiles in Patients With Irritable Bowel Syndrome or Functional Abdominal Pain Compared With Healthy Controls. Journal of Pediatric Gastroenterology and Nutrition, 2015, 61, 323-329.	1.8	26
54	Proteomics in gastroparesis: unique and overlapping protein signatures in diabetic and idiopathic gastroparesis. American Journal of Physiology - Renal Physiology, 2019, 317, G716-G726.	3.4	25

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55	Conditioned Pain Modulation in Women With Irritable Bowel Syndrome. Biological Research for Nursing, 2014, 16, 368-377.	1.9	24
56	Recurrent abdominal pain and irritable bowel syndrome in children. Current Opinion in Pediatrics, 2007, 19, 581-585.	2.0	23
57	Constipation in Patients With Symptoms of Gastroparesis: Analysis of Symptoms and Gastrointestinal Transit. Clinical Gastroenterology and Hepatology, 2022, 20, 546-558.e5.	4.4	23
58	Jejunal Brush Border Hydrolase Activity Is Higher in Tallow-Fed Pigs than in Corn Oil-Fed Pigs. Journal of Nutrition, 1994, 124, 1996-2005.	2.9	22
59	Evaluation of FODMAP Carbohydrates Content in Selected Foods in the United States. Journal of Pediatrics, 2018, 199, 252-255.	1.8	21
60	Recurrent Abdominal Pain in Primary and Tertiary Care: Differences and Similarities. Children's Health Care, 2007, 36, 137-153.	0.9	19
61	Perceived medication adherence barriers mediating effects between gastrointestinal symptoms and health-related quality of life in pediatric inflammatory bowel disease. Quality of Life Research, 2018, 27, 195-204.	3.1	19
62	Fructanâ€sensitive children with irritable bowel syndrome have distinct gut microbiome signatures. Alimentary Pharmacology and Therapeutics, 2021, 53, 499-509.	3.7	19
63	Detection of Lowâ€concentration Host mRNA Transcripts in Malawian Children at Risk for Environmental Enteropathy. Journal of Pediatric Gastroenterology and Nutrition, 2013, 56, 66-71.	1.8	18
64	Supplementation With Lactoferrin and Lysozyme Ameliorates Environmental Enteric Dysfunction: A Double-Blind, Randomized, Placebo-Controlled Trial. American Journal of Gastroenterology, 2019, 114, 671-678.	0.4	18
65	Childhood gastroparesis is a unique entity in need of further investigation. Neurogastroenterology and Motility, 2020, 32, e13699.	3.0	18
66	Liver Composition and Histology in Growing Infant Miniature Pigs Given Different Total Parenteral Nutrition Fuel Mixes. Journal of Parenteral and Enteral Nutrition, 1987, 11, 275-279.	2.6	17
67	Are child anxiety and somatization associated with pain in pain-related functional gastrointestinal disorders?. Journal of Health Psychology, 2015, 20, 369-379.	2.3	17
68	Factors that contribute to the impairment of quality of life in gastroparesis. Neurogastroenterology and Motility, 2021, 33, e14087.	3.0	16
69	Progress in Gastroparesis - A Narrative Review of the Work of the Gastroparesis Clinical Research Consortium. Clinical Gastroenterology and Hepatology, 2022, 20, 2684-2695.e3.	4.4	15
70	Effect of Infant Age on Aminopyrine Breath Test Results. Pediatric Research, 1985, 19, 441-445.	2.3	14
71	Systemic exposure to menthol following administration of peppermint oil to paediatric patients. BMJ Open, 2015, 5, e008375.	1.9	14
72	Comparing methods to collect saliva from children to analyze cytokines related to allergic inflammation. Annals of Allergy, Asthma and Immunology, 2015, 114, 63-64.	1.0	14

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73	Childhood Irritable Bowel Syndrome Characteristics Are Related to Both Sex and Pubertal Development. Journal of Pediatrics, 2017, 180, 141-147.e1.	1.8	14
74	Effect of Domperidone Therapy on Gastroparesis Symptoms: Results of a Dynamic Cohort Study by NIDDK Gastroparesis Consortium. Clinical Gastroenterology and Hepatology, 2022, 20, e452-e464.	4.4	13
75	Relationship of Gastrointestinal Symptoms and Psychosocial Distress to Gastric Retention in Children. Journal of Pediatrics, 2014, 165, 85-91.e1.	1.8	12
76	Decreased Relative Diagnostic Yield of Esophagogastroduodenoscopy in Children With Gastroparesis. Journal of Clinical Gastroenterology, 2014, 48, 231-235.	2.2	11
77	Increased Gut Permeability in First-degree Relatives of Children with Irritable Bowel Syndrome or Functional Abdominal Pain. Clinical Gastroenterology and Hepatology, 2020, 18, 375-384.e1.	4.4	11
78	Gastric accommodation: Physiology, diagnostic modalities, clinical relevance, and therapies. Neurogastroenterology and Motility, 2021, 33, e14213.	3.0	11
79	Commentary: Adherence with a low-FODMAP diet in irritable bowel syndrome: are eating disorders the missing link?. Frontiers in Nutrition, 2019, 6, 136.	3.7	10
80	Probiotic VSL#3 Treatment Reduces Colonic Permeability and Abdominal Pain Symptoms in Patients With Irritable Bowel Syndrome. Frontiers in Pain Research, 2021, 2, 691689.	2.0	9
81	Stooling Characteristics in Children With Irritable BowelÂSyndrome. Clinical Gastroenterology and Hepatology, 2017, 15, 140-141.	4.4	8
82	Starch Malabsorption in Infants. Journal of Pediatric Gastroenterology and Nutrition, 2018, 66, S65-S67.	1.8	8
83	Literature Review. Journal of Clinical Gastroenterology, 2020, 54, 203-211.	2.2	8
84	Activation of the Innate Immune System in Children With Irritable Bowel Syndrome Evidenced by Increased Fecal Human β-Defensin-2. Clinical Gastroenterology and Hepatology, 2021, 19, 2121-2127.	4.4	8
85	Sleep disturbances in children with functional gastrointestinal disorders: demographic and clinical characteristics. Journal of Clinical Sleep Medicine, 2021, 17, 1193-1200.	2.6	8
86	Multisite Pain Is Highly Prevalent in Children with Functional Abdominal Pain Disorders and Is Associated with Increased Morbidity. Journal of Pediatrics, 2021, 236, 131-136.	1.8	8
87	Does a Minority of Children With Functional Gastrointestinal Disorders Receive Formal Diet Advice?. Journal of Parenteral and Enteral Nutrition, 2020, 44, 1525-1529.	2.6	7
88	Maternal and Child Acceptability of a Proposed Guided Imagery Therapy Mobile App Designed to Treat Functional Abdominal Pain Disorders in Children: Mixed-Methods Predevelopment Formative Research. JMIR Pediatrics and Parenting, 2018, 1, e6.	1.6	7
89	Volume of Blood Required to Obtain Central Venous Catheter Blood Cultures in Infants and Children. Journal of Parenteral and Enteral Nutrition, 1993, 17, 177-179.	2.6	6
90	Five Probiotic Drops a Day to Keep Infantile Colic Away?. JAMA Pediatrics, 2014, 168, 204.	6.2	6

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91	Cytokine Levels and Symptoms Among Women with Irritable Bowel Syndrome: Considering the Role of Hormonal Contraceptive Use. Biological Research for Nursing, 2021, 23, 171-179.	1.9	6
92	Randomised trial: Peppermint oil (menthol) pharmacokinetics in children and effects on gut motility in children with functional abdominal pain. British Journal of Clinical Pharmacology, 2022, 88, 1321-1333.	2.4	6
93	Peppermint oil effects on the gut microbiome in children with functional abdominal pain. Clinical and Translational Science, 2022, 15, 1036-1049.	3.1	6
94	Effect of liquid and solid test meals on symptoms and gastric myoelectrical activity in patients with gastroparesis and functional dyspepsia. Neurogastroenterology and Motility, 2023, 35, e14376.	3.0	6
95	615 Randomized, Double Blind Trial of Psyllium Fiber in Children With Irritable Bowel Syndrome (IBS). Gastroenterology, 2015, 148, S-120.	1.3	5
96	Eosinophilic Esophagitis in Children and Its Relationship with Parental Allergies: Texas Children's Hospital Experience. Digestive Diseases and Sciences, 2016, 61, 501-506.	2.3	5
97	Evidence of increased fecal granins in children with irritable bowel syndrome and correlates with symptoms. Neurogastroenterology and Motility, 2019, 31, e13486.	3.0	5
98	Gut permeability is affected by sex and increased in children with irritable bowel syndrome but not in functional abdominal pain. Neurogastroenterology and Motility, 2020, 32, e13765.	3.0	5
99	The Prevalence of Hypermobility in Children with Irritable Bowel Syndrome and Functional Abdominal Pain Is Similar to that in Healthy Children. Journal of Pediatrics, 2020, 222, 134-140.e2.	1.8	5
100	Postprandial symptoms in patients with symptoms of gastroparesis: roles of gastric emptying and accommodation. American Journal of Physiology - Renal Physiology, 2022, 323, G44-G59.	3.4	5
101	Maintenance of Pain in Children With Functional Abdominal Pain. Journal of Pediatric Gastroenterology and Nutrition, 2016, 62, 393-398.	1.8	4
102	Clinical Characterization of Pediatric Gastroparesis Using a Fourâ€hour Gastric Emptying Scintigraphy Standard. Journal of Pediatric Gastroenterology and Nutrition, 2021, 72, 848-853.	1.8	4
103	Associations of Abdominal Pain and Psychosocial Distress Measures With Health-Related Quality-of-Life in Pediatric Healthy Controls and Irritable Bowel Syndrome. Journal of Clinical Gastroenterology, 2021, 55, 422-428.	2.2	4
104	Meal-Induced Symptoms in Children with Dyspepsia–Relationships to Sex and the Presence of Gastroparesis. Journal of Pediatrics, 2021, 231, 117-123.	1.8	3
105	PedsQLâ,,¢ Gastroparesis Symptoms Module Domain and Item Development. Journal of Pediatric Gastroenterology and Nutrition, 2021, 73, 192-196.	1.8	3
106	Prevalence and clinical correlates of antinuclear antibody in patients with gastroparesis. Neurogastroenterology and Motility, 2022, 34, e14270.	3.0	3
107	Children with functional abdominal pain disorders successfully decrease FODMAP food intake on a low FODMAP diet with modest improvements in nutritional intake and diet quality. Neurogastroenterology and Motility, 2022, 34, e14392.	3.0	3
108	999 Gastrointestinal Permeability (GIPerm) Is Increased in Family Members of Children with Functional Abdominal Pain (FAP) and Irritable Bowel Syndrome (IBS). Gastroenterology, 2009, 136, A-154-A-155.	1.3	2

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109	Dietary Issues in Recurrent Abdominal Pain. Journal of Pediatric Gastroenterology and Nutrition, 2012, 55, S40-2.	1.8	2
110	Prophylactic use of probiotics ameliorates infantile colic. Journal of Pediatrics, 2014, 165, 207-210.	1.8	2
111	A Comprehensive Self-Management Program With Diet Education Does Not Alter Microbiome Characteristics in Women With Irritable Bowel Syndrome. Biological Research for Nursing, 2021, 23, 471-480.	1.9	2
112	United States Healthcare Burden of Pediatric Functional Gastrointestinal Pain Disorder Hospitalizations from 2002 to 2018. Neurogastroenterology and Motility, 2022, 34, e14288.	3.0	2
113	Dietary Interventions for Gastroparesis: A Systematic Review. Advances in Nutrition, 2022, 13, 1715-1724.	6.4	2
114	A Multi-Substrate Carbohydrate Elimination Diet (MCED) Decreases Gastrointestinal (GI) Symptoms in a Subpopulation of Children With Irritable Bowel Syndrome (IBS). Gastroenterology, 2011, 140, S-746.	1.3	1
115	Using Adult Norms for Gastric Emptying Scintigraphy Evaluation in Children. American Journal of Gastroenterology, 2021, 116, 1553-1553.	0.4	1
116	Pediatric Rome IV diagnosis agreement is greater than agreement on diagnostic testing. Neurogastroenterology and Motility, 2022, , e14355.	3.0	1
117	The Human Microbiome and Recurrent Abdominal Pain in Children. Nature Precedings, 2010, , .	0.1	Ο
118	The mucosal microbiota in a young child with severe non-Helicobacter gastritis. Therapeutic Advances in Gastroenterology, 2016, 9, 749-751.	3.2	0
119	Reply. Clinical Gastroenterology and Hepatology, 2016, 14, 1667-1668.	4.4	0
120	The Microbiome in Neurogastroenterology. , 2017, , 53-70.		0
121	Pediatric Gastroenterology. Gastroenterology Clinics of North America, 2018, 47, xv-xvi.	2.2	0
122	TROPICS 2: A Phase III, Open-Label, Single-Arm Study of Tenecteplase for Restoration of Function in Dysfunctional Central Venous Catheters Blood, 2009, 114, 1074-1074.	1.4	0
123	Editorial: defining a microbial signature to predict non-response to a low FODMAP diet-a step closer or is it? Authors' reply. Alimentary Pharmacology and Therapeutics, 2021, 53, 648-649.	3.7	0