

Mitchell B Cohen

List of Publications by Year in descending order

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119
papers

6,193
citations

76294

40
h-index

69214

77
g-index

133
all docs

133
docs citations

133
times ranked

5025
citing authors

#	ARTICLE	IF	CITATIONS
1	Eotaxin-3 and a uniquely conserved gene-expression profile in eosinophilic esophagitis. <i>Journal of Clinical Investigation</i> , 2006, 116, 536-547.	3.9	750
2	A Randomized, Double-Blind, Placebo-Controlled Trial of Fluticasone Propionate for Pediatric Eosinophilic Esophagitis. <i>Gastroenterology</i> , 2006, 131, 1381-1391.	0.6	548
3	Host-induced epidemic spread of the cholera bacterium. <i>Nature</i> , 2002, 417, 642-645.	13.7	482
4	Linacotide Inhibits Colonic Nociceptors and Relieves Abdominal Pain via Guanylate Cyclase-C and Extracellular Cyclic Guanosine 3',5'-Monophosphate. <i>Gastroenterology</i> , 2013, 145, 1334-1346.e11.	0.6	231
5	Potential of Blood Eosinophils, Eosinophil-Derived Neurotoxin, and Eotaxin-3 as Biomarkers of Eosinophilic Esophagitis. <i>Clinical Gastroenterology and Hepatology</i> , 2006, 4, 1328-1336.	2.4	180
6	Clostridium difficile Infection in Hospitalized Children in the United States. <i>JAMA Pediatrics</i> , 2011, 165, 451-7.	3.6	174
7	Guanylate cyclase C-mediated antinociceptive effects of linacotide in rodent models of visceral pain. <i>Neurogastroenterology and Motility</i> , 2010, 22, 312-e84.	1.6	172
8	Linacotide is a potent and selective guanylate cyclase C agonist that elicits pharmacological effects locally in the gastrointestinal tract. <i>Life Sciences</i> , 2010, 86, 760-765.	2.0	155
9	Single-dose Live Oral Cholera Vaccine CVD 103-HgR Protects Against Human Experimental Infection With <i>Vibrio cholerae</i> O1 El Tor. <i>Clinical Infectious Diseases</i> , 2016, 62, 1329-1335.	2.9	154
10	Randomized, Double-Blind, Placebo-Controlled, Multicentered Trial of the Efficacy of a Single Dose of Live Oral Cholera Vaccine CVD 103-HgR in Preventing Cholera following Challenge with <i>Vibrio cholerae</i> O1 El Tor Inaba Three Months after Vaccination. <i>Infection and Immunity</i> , 1999, 67, 6341-6345.	1.0	154
11	Prevalence of diarrheagenic <i>Escherichia coli</i> in acute childhood enteritis: A prospective controlled study. <i>Journal of Pediatrics</i> , 2005, 146, 54-61.	0.9	152
12	Prevalence and Outcome of Allergic Colitis in Healthy Infants with Rectal Bleeding: A Prospective Cohort Study. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2005, 41, 16-22.	0.9	125
13	Age-related differences in receptors for <i>Escherichia coli</i> heat-stable enterotoxin in the small and large intestine of children. <i>Gastroenterology</i> , 1988, 94, 367-373.	0.6	106
14	Targeted Inactivation of the Mouse Guanylin Gene Results in Altered Dynamics of Colonic Epithelial Proliferation. <i>American Journal of Pathology</i> , 2002, 161, 2169-2178.	1.9	101
15	Complications of percutaneous liver biopsy in children. <i>Gastroenterology</i> , 1992, 102, 629-632.	0.6	99
16	Role for the Membrane Receptor Guanylyl Cyclase-C in Attention Deficiency and Hyperactive Behavior. <i>Science</i> , 2011, 333, 1642-1646.	6.0	95
17	Randomized, Controlled Human Challenge Study of the Safety, Immunogenicity, and Protective Efficacy of a Single Dose of Peru-15, a Live Attenuated Oral Cholera Vaccine. <i>Infection and Immunity</i> , 2002, 70, 1965-1970.	1.0	94
18	Uroguanylin knockout mice have increased blood pressure and impaired natriuretic response to enteral NaCl load. <i>Journal of Clinical Investigation</i> , 2003, 112, 1244-1254.	3.9	92

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19	Novel genes and functional relationships in the adult mouse gastrointestinal tract identified by microarray analysis. <i>Gastroenterology</i> , 2002, 122, 1467-1482.	0.6	82
20	The <i>Bacteroides fragilis</i> Toxin Binds to a Specific Intestinal Epithelial Cell Receptor. <i>Infection and Immunity</i> , 2006, 74, 5382-5390.	1.0	80
21	Loss of Guanylyl Cyclase C (GCC) Signaling Leads to Dysfunctional Intestinal Barrier. <i>PLoS ONE</i> , 2011, 6, e16139.	1.1	78
22	The Immature Rat Small Intestine Exhibits an Increased Sensitivity and Response to <i>Escherichia coli</i> Heat-Stable Enterotoxin. <i>Pediatric Research</i> , 1986, 20, 555-560.	1.1	73
23	Expression of Guanylin Is Downregulated in Mouse and Human Intestinal Adenomas. <i>Biochemical and Biophysical Research Communications</i> , 2000, 273, 225-230.	1.0	72
24	Universal Recommendations for the Management of Acute Diarrhea in Nonmalnourished Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 67, 586-593.	0.9	67
25	Etiology and mechanisms of acute infectious diarrhea in infants in the United States. <i>Journal of Pediatrics</i> , 1991, 118, S34-S39.	0.9	66
26	Immunohistochemical Localization of Guanylin in the Rat Small Intestine and Colon. <i>Biochemical and Biophysical Research Communications</i> , 1995, 209, 803-808.	1.0	65
27	Validation of a Volunteer Model of Cholera with Frozen Bacteria as the Challenge. <i>Infection and Immunity</i> , 1998, 66, 1968-1972.	1.0	61
28	Novel effects of the prototype translocating <i>Escherichia coli</i> , strain C25 on intestinal epithelial structure and barrier function. <i>Cellular Microbiology</i> , 2005, 7, 1782-1797.	1.1	59
29	Binding of <i>E. coli</i> heat-stable enterotoxin to rat intestinal brush borders and to basolateral membranes. <i>Digestive Diseases and Sciences</i> , 1987, 32, 1017-1026.	1.1	58
30	Murine Guanylate Cyclase C Regulates Colonic Injury and Inflammation. <i>Journal of Immunology</i> , 2011, 186, 7205-7214.	0.4	56
31	Uroguanylin knockout mice have increased blood pressure and impaired natriuretic response to enteral NaCl load. <i>Journal of Clinical Investigation</i> , 2003, 112, 1244-1254.	3.9	55
32	Safety and Immunogenicity of a Single Oral Dose of Recombinant Double Mutant Heat-Labile Toxin Derived from Enterotoxigenic <i>Escherichia coli</i> . <i>Vaccine Journal</i> , 2013, 20, 1764-1770.	3.2	54
33	CNS, lung, and lymph node involvement in Gaucher disease type 3 after 11 years of therapy: Clinical, histopathologic, and biochemical findings. <i>Molecular Genetics and Metabolism</i> , 2015, 114, 233-241.	0.5	54
34	A gradient in expression of the <i>Escherichia coli</i> heat-stable enterotoxin receptor exists along the villus-to-crypt axis of rat small intestine. <i>Biochemical and Biophysical Research Communications</i> , 1992, 186, 483-490.	1.0	53
35	Comparison of Recommendations in Clinical Practice Guidelines for Acute Gastroenteritis in Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016, 63, 226-235.	0.9	52
36	Small and Large Intestinal Guanylate Cyclase Activity in Children: Effect of Age and Stimulation by <i>Escherichia coli</i> Heat-Stable Enterotoxin. <i>Pediatric Research</i> , 1987, 21, 551-555.	1.1	50

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37	Receptors for <i>Escherichia coli</i> heat stable enterotoxin in human intestine and in a human intestinal cell line (Caco-2). <i>Journal of Cellular Physiology</i> , 1993, 156, 138-144.	2.0	50
38	Concordant Parent-Child Reports of Anxiety Predict Impairment in Youth With Functional Abdominal Pain. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2015, 60, 312-317.	0.9	42
39	Molecular cloning and promoter analysis of downregulated in adenoma (DRA). <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, G923-G934.	1.6	41
40	<i>Clostridium difficile</i> Infection and Treatment in the Pediatric Inflammatory Bowel Disease Population. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2011, 52, 437-441.	0.9	40
41	<i>Clostridium difficile</i> Infections: Emerging Epidemiology and New Treatments. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2009, 48, S63-5.	0.9	36
42	Importance of Addressing Anxiety in Youth With Functional Abdominal Pain. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2013, 56, 469-474.	0.9	34
43	Effect of Guanylate Cyclase-C Activity on Energy and Glucose Homeostasis. <i>Diabetes</i> , 2014, 63, 3798-3804.	0.3	34
44	Guanylin mRNA Is Expressed in Villous Enterocytes of the Rat Small Intestine and Superficial Epithelia of the Rat Colon. <i>Biochemical and Biophysical Research Communications</i> , 1993, 196, 553-560.	1.0	31
45	Rotavirus immunization: Global coverage and local barriers for implementation. <i>Vaccine</i> , 2017, 35, 1637-1644.	1.7	31
46	Guanylate Cyclase C Deficiency Causes Severe Inflammation in a Murine Model of Spontaneous Colitis. <i>PLoS ONE</i> , 2013, 8, e79180.	1.1	30
47	Prevention of Travelers' Diarrhea: Ciprofloxacin versus Trimethoprim/Sulfamethoxazole in Adult Volunteers Working in Latin America and the Caribbean. <i>Journal of Travel Medicine</i> , 1994, 1, 136-142.	1.4	29
48	Infectious Diarrhea in Children: Working Group Report of the First World Congress of Pediatric Gastroenterology, Hepatology, and Nutrition. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2002, 35, S143-S150.	0.9	29
49	Current Issues in Transitioning from Pediatric to Adult-Based Care for Youth with Chronic Health Care Needs. <i>Journal of Pediatrics</i> , 2015, 167, 1196-1201.	0.9	29
50	Anti-O-specific polysaccharide (OSP) immune responses following vaccination with oral cholera vaccine CVD 103-HgR correlate with protection against cholera after infection with wild-type <i>Vibrio cholerae</i> O1 El Tor Inaba in North American volunteers. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006376.	1.3	28
51	Mechanisms of Increased Susceptibility of Immature and Weaned Pigs to <i>Escherichia coli</i> Heat-Stable Enterotoxin. <i>Pediatric Research</i> , 1991, 29, 424-428.	1.1	27
52	Heat-stable enterotoxin of <i>Escherichia coli</i> (STa) can stimulate duodenal HCO ₃ ⁻ secretion via a novel GC α - and CFTR-independent pathway. <i>FASEB Journal</i> , 2008, 22, 1306-1316.	0.2	27
53	Fecal microbiota transplantation for <i>Clostridium difficile</i> infection. <i>Current Opinion in Gastroenterology</i> , 2014, 30, 47-53.	1.0	27
54	Lipopolysaccharide-specific memory B cell responses to an attenuated live cholera vaccine are associated with protection against <i>Vibrio cholerae</i> infection. <i>Vaccine</i> , 2018, 36, 2768-2773.	1.7	27

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55	Guanylate cyclase C limits systemic dissemination of a murine enteric pathogen. <i>BMC Gastroenterology</i> , 2013, 13, 135.	0.8	26
56	The Proximal Convolute Tubule is a Target for the Uroguanylin-regulated Natriuretic Response. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2006, 43, S74-S81.	0.9	24
57	Transmembrane guanylate cyclase in intestinal pathophysiology. <i>Current Opinion in Gastroenterology</i> , 2011, 27, 139-145.	1.0	24
58	A Phase 1 dose escalating study of double mutant heat-labile toxin LTR192G/L211A (dmLT) from Enterotoxigenic <i>Escherichia coli</i> (ETEC) by sublingual or oral immunization. <i>Vaccine</i> , 2019, 37, 602-611.	1.7	24
59	Outpatient Liver Biopsy in Children: A Medical Position Statement of the North American Society for Pediatric Gastroenterology and Nutrition. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1996, 23, 213-216.	0.9	24
60	Gaucher Disease: Progressive Mesenteric and Mediastinal Lymphadenopathy Despite Enzyme Therapy. <i>Journal of Pediatrics</i> , 2007, 150, 202-206.	0.9	23
61	The Uroguanylin Gene (<i>Guca1b</i>) Is Linked to Guanylin (<i>Guca2</i>) on Mouse Chromosome 4. <i>Genomics</i> , 1997, 45, 348-354.	1.3	22
62	An Eosinophil Hypothesis for Functional Dyspepsia. <i>Clinical Gastroenterology and Hepatology</i> , 2007, 5, 1147-1148.	2.4	21
63	Risk Categorization Predicts Disability in Pain-associated Functional Gastrointestinal Disorders After 6 Months. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2017, 64, 685-690.	0.9	21
64	A human volunteer challenge model using frozen bacteria of the new epidemic serotype, <i>V. cholerae</i> O139 in Thai volunteers. <i>Vaccine</i> , 2001, 20, 920-925.	1.7	20
65	Cyclic AMP Activation of the Extracellular Signal-regulated Kinases 1 and 2. <i>Journal of Biological Chemistry</i> , 2004, 279, 14828-14834.	1.6	20
66	Genomic Sequence of the Murine Guanylin Gene. <i>Genomics</i> , 1994, 24, 583-587.	1.3	19
67	Mapping of guanylin to murine chromosome 4 and human chromosome 1p34-p35. <i>Genomics</i> , 1995, 26, 427-429.	1.3	19
68	Exacerbation of Autoimmune Hepatitis: Another Hepatotoxic Effect of Pemoline Therapy. <i>Pediatrics</i> , 1998, 101, 106-107.	1.0	19
69	Increases in guanylin and uroguanylin in a mouse model of osmotic diarrhea are guanylate cyclase C-independent. <i>Gastroenterology</i> , 2001, 121, 1191-1202.	0.6	19
70	Crohn disease in an infant with central nervous system thrombosis and protein-losing enteropathy. <i>Journal of Pediatrics</i> , 1990, 117, 436-439.	0.9	18
71	Coordinate upregulation of guanylin and uroguanylin expression by hypertonicity in HT29-18-N2 cells. <i>American Journal of Physiology - Cell Physiology</i> , 2002, 283, C1729-C1737.	2.1	17
72	Lack of guanylyl cyclase C, the receptor for <i>Escherichia coli</i> heat-stable enterotoxin, results in reduced polyp formation and increased apoptosis in the multiple intestinal neoplasia (Min) mouse model. <i>International Journal of Cancer</i> , 2005, 116, 500-505.	2.3	15

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73	Acid Suppression and the Risk of Clostridium difficile Infection. Journal of Pediatrics, 2013, 163, 627-630.	0.9	15
74	Safety and Immunogenicity of Escalating Dosages of a Single Oral Administration of Peru-15 pCTB, a Candidate Live, Attenuated Vaccine against Enterotoxigenic Escherichia coli and Vibrio cholerae. Vaccine Journal, 2015, 22, 129-135.	3.2	15
75	The Live Attenuated Cholera Vaccine CVD 103-HgR Primes Responses to the Toxin-Coregulated Pilus Antigen TcpA in Subjects Challenged with Wild-Type Vibrio cholerae. Vaccine Journal, 2017, 24, .	3.2	15
76	Shiga toxin-producing E coli : Two tests are better than one. Journal of Pediatrics, 2002, 141, 155-156.	0.9	13
77	Immune responses to O-specific polysaccharide (OSP) in North American adults infected with Vibrio cholerae O1 Inaba. PLoS Neglected Tropical Diseases, 2019, 13, e0007874.	1.3	13
78	Dysprosium Chloride as a Nonabsorbable Gastrointestinal Marker for Studies of Stable Isotope-Labeled Triglyceride Excretion in Man. Journal of the American College of Nutrition, 2003, 22, 379-387.	1.1	11
79	Update on Diarrhea. Pediatrics in Review, 2016, 37, 313-322.	0.2	11
80	New causes and treatments for infectious diarrhea in children. Current Gastroenterology Reports, 1999, 1, 238-244.	1.1	10
81	Lack of Guanylate Cyclase C results in increased mortality in mice following liver injury. BMC Gastroenterology, 2010, 10, 86.	0.8	10
82	sTREM-1 and LBP in Central Venous Catheter-associated Bloodstream Infections in Pediatric Intestinal Failure. Journal of Pediatric Gastroenterology and Nutrition, 2011, 53, 627-633.	0.9	9
83	APPROACH TO THE PEDIATRIC PATIENT WITH DIARRHEA. Gastroenterology Clinics of North America, 1993, 22, 499-516.	1.0	9
84	Jejunal toxin inactivation regulates susceptibility of the immature rat to STa. Gastroenterology, 1992, 102, 1988-1996.	0.6	8
85	Medicaid Coverage of Oral Rehydration Solutions. New England Journal of Medicine, 1993, 329, 211-211.	13.9	7
86	Effect of secretagogues and pH on intestinal transport in guanylin-deficient mice. Biochimica Et Biophysica Acta - General Subjects, 2004, 1671, 79-86.	1.1	7
87	Novel mechanism of cyclic AMP mediated extracellular signal regulated kinase activation in an intestinal cell line. Cellular Signalling, 2007, 19, 1221-1228.	1.7	6
88	State of Research in Pediatric Gastroenterology, Hepatology, and Nutrition: 2010 and Beyond. Gastroenterology, 2010, 138, 411-416.e2.	0.6	6
89	DIARRHEAL DISEASE. Gastroenterology Clinics of North America, 1994, 23, 637-654.	1.0	6
90	INFECTIOUS GASTROENTEROCOLITIDES IN CHILDREN. Pediatric Clinics of North America, 1996, 43, 391-407.	0.9	5

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91	Effect of Triglyceride Structure on Fecal Excretion of ¹³ C-Labeled Triglycerides. Journal of the American College of Nutrition, 2003, 22, 511-518.	1.1	4
92	Teaching and Tomorrow: A Novel Recruitment Program for a Pediatric Subspecialty. Journal of Pediatric Gastroenterology and Nutrition, 2009, 49, 594-598.	0.9	4
93	What Have We Learned About Early Treatment of <i>Pseudomonas aeruginosa</i> Infection in Infants and Children With Cystic Fibrosis?. JAMA Pediatrics, 2011, 165, 867.	3.6	4
94	Wherefore art thou guanylin?. Gastroenterology, 1995, 109, 2039-2042.	0.6	3
95	Escherichia coli O157:H7: Assessing and minimizing the risk from farm to fork. Journal of Pediatrics, 1998, 132, 756-757.	0.9	3
96	Proguanylin secretion and the role of negative-feedback inhibition in a villous epithelial cell line. American Journal of Physiology - Renal Physiology, 2002, 283, G695-G702.	1.6	3
97	State of Pediatric Gastroenterology, Hepatology, and Nutrition: 2006 and Beyond. Gastroenterology, 2007, 132, 434-436.	0.6	3
98	Recurrent pancreatitis in ornithine transcarbamylase deficiency. Molecular Genetics and Metabolism, 2012, 106, 482-484.	0.5	3
99	Role of Celiac Disease Screening for Children With Functional Gastrointestinal Disorders. JAMA Pediatrics, 2014, 168, 514.	3.3	3
100	Acid-Reducing Agents in Infants and Children. JAMA Pediatrics, 2014, 168, 888.	3.3	3
101	Intestinal Guanylate Cyclase mRNA Expression in Duodenum and Colon of Children. Journal of Pediatric Gastroenterology and Nutrition, 2021, 73, 703-709.	0.9	3
102	Uroguanylin but not guanylin knockout mice have diminished sodium excretion in response to an enteral salt load. Gastroenterology, 2003, 124, A140.	0.6	2
103	How safe is intravenous sedation with midazolam and fentanyl for pediatric gastrointestinal endoscopy?. Nature Reviews Gastroenterology & Hepatology, 2007, 4, 538-539.	1.7	2
104	Pediatric Chair Turnover and Demographics. Journal of Pediatrics, 2022, 242, 4-7.e3.	0.9	2
105	Human Challenge Studies for Cholera. Current Topics in Microbiology and Immunology, 2022, , 1.	0.7	2
106	The intronic sequence of the mouse guanylin gene directs high ileal reporter gene transcription in transgenic mice. Gastroenterology, 2001, 120, A304.	0.6	1
107	Infectious Diarrhea. , 2011, , 405-422.e5.		1
108	Discussion I. Journal of Pediatrics, 1991, 118, S40-S43.	0.9	0

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109	Gastrointestinal infections in children. <i>Current Opinion in Gastroenterology</i> , 2000, 16, 40-44.	1.0	0
110	Research Agenda for Pediatric Gastroenterology, Hepatology and Nutrition: Secretion and Diarrhea: Report of the North American Society for Pediatric Gastroenterology, Hepatology and Nutrition for the Children's Digestive Health and Nutrition Foundation. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2002, 35, S246-S249.	0.9	0
111	Festschrift Introduction. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2006, 43, S1-S3.	0.9	0
112	Suppurative Peripheral Arthritis in Inflammatory Bowel Disease. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2007, 45, 117-120.	0.9	0
113	The National Institutes of Health Consensus Conference Report. , 2008, , 133-138.		0
114	Murray Davidson Award. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020, 70, 408-408.	0.9	0
115	Infectious Diarrhea. , 2021, , 398-415.e5.		0
116	50 Years Ago in T J P. <i>Journal of Pediatrics</i> , 2021, 234, 186.	0.9	0
117	The Shwachman Award of the North American Society for Pediatric Gastroenterology and Nutrition, 1999: Presentation. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2000, 30, 355-358.	0.9	0
118	Strategic Planning for NASPGN. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2001, 32, 3-4.	0.9	0
119	Infectious diarrhea. , 2006, , 557-581.		0