

Sean R Moore

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

3,819
citations

186265

28
h-index

133252

59
g-index

77
all docs

77
docs citations

77
times ranked

4368
citing authors

#	ARTICLE	IF	CITATIONS
1	The impoverished gut—a triple burden of diarrhoea, stunting and chronic disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2013, 10, 220-229.	17.8	476
2	Malnutrition as an enteric infectious disease with long-term effects on child development. <i>Nutrition Reviews</i> , 2008, 66, 487-505.	5.8	399
3	Association of early childhood diarrhea and cryptosporidiosis with impaired physical fitness and cognitive function four-seven years later in a poor urban community in northeast Brazil.. <i>American Journal of Tropical Medicine and Hygiene</i> , 1999, 61, 707-713.	1.4	395
4	Early childhood diarrhea is associated with diminished cognitive function 4 to 7 years later in children in a northeast Brazilian shantytown.. <i>American Journal of Tropical Medicine and Hygiene</i> , 2002, 66, 590-593.	1.4	250
5	Biomarkers of Environmental Enteropathy, Inflammation, Stunting, and Impaired Growth in Children in Northeast Brazil. <i>PLoS ONE</i> , 2016, 11, e0158772.	2.5	164
6	Longitudinal Study of <i>Cryptosporidium</i> Infection in Children in Northeastern Brazil. <i>Journal of Infectious Diseases</i> , 1999, 180, 167-175.	4.0	152
7	Early childhood growth failure and the developmental origins of adult disease: do enteric infections and malnutrition increase risk for the metabolic syndrome?. <i>Nutrition Reviews</i> , 2012, 70, 642-653.	5.8	152
8	Prolonged Episodes of Acute Diarrhea Reduce Growth and Increase Risk of Persistent Diarrhea in Children. <i>Gastroenterology</i> , 2010, 139, 1156-1164.	1.3	147
9	Magnitude and Impact of Diarrheal Diseases. <i>Archives of Medical Research</i> , 2002, 33, 351-355.	3.3	137
10	Early Childhood Diarrhea Predicts Impaired School Performance. <i>Pediatric Infectious Disease Journal</i> , 2006, 25, 513-520.	2.0	130
11	Postnatal epigenetic regulation of intestinal stem cells requires DNA methylation and is guided by the microbiome. <i>Genome Biology</i> , 2015, 16, 211.	8.8	113
12	Interactions of diarrhea, pneumonia, and malnutrition in childhood. <i>Current Opinion in Infectious Diseases</i> , 2011, 24, 496-502.	3.1	96
13	Intercellular Coupling of the Cell Cycle and Circadian Clock in Adult Stem Cell Culture. <i>Molecular Cell</i> , 2016, 64, 900-912.	9.7	93
14	A longitudinal study of <i>Giardia lamblia</i> infection in north-east Brazilian children. <i>Tropical Medicine and International Health</i> , 2001, 6, 624-634.	2.3	77
15	Rhythm and bugs. <i>Current Opinion in Gastroenterology</i> , 2016, 32, 7-11.	2.3	69
16	Early Childhood Diarrhea Predicts Cognitive Delays in Later Childhood Independently of Malnutrition. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 95, 1004-1010.	1.4	58
17	Urinary N-methylnicotinamide and Î²-aminoisobutyric acid predict catch-up growth in undernourished Brazilian children. <i>Scientific Reports</i> , 2016, 6, 19780.	3.3	56
18	Characterization of stem/progenitor cell cycle using murine circumvallate papilla taste bud organoid. <i>Scientific Reports</i> , 2015, 5, 17185.	3.3	54

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19	Alanyl-glutamine promotes intestinal epithelial cell homeostasis in vitro and in a murine model of weanling undernutrition. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 301, G612-G622.	3.4	49
20	Glutamine and alanyl-glutamine promote crypt expansion and mTOR signaling in murine enteroids. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, G831-G839.	3.4	47
21	The Enteric Nervous System and Its Emerging Role as a Therapeutic Target. <i>Gastroenterology Research and Practice</i> , 2020, 2020, 1-13.	1.5	45
22	Robust circadian rhythms in organoid cultures from PERIOD2::LUCIFERASE mouse small intestine. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 1123-30.	2.4	38
23	Mucosal Genomics Implicate Lymphocyte Activation and Lipid Metabolism in Refractory Environmental Enteric Dysfunction. <i>Gastroenterology</i> , 2021, 160, 2055-2071.e0.	1.3	38
24	Assessment of Machine Learning Detection of Environmental Enteropathy and Celiac Disease in Children. <i>JAMA Network Open</i> , 2019, 2, e195822.	5.9	35
25	A novel histological index for evaluation of environmental enteric dysfunction identifies geographic-specific features of enteropathy among children with suboptimal growth. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007975.	3.0	34
26	HMIC: Hierarchical Medical Image Classification, A Deep Learning Approach. <i>Information (Switzerland)</i> , 2020, 11, 318.	2.9	33
27	Zinc treatment ameliorates diarrhea and intestinal inflammation in undernourished rats. <i>BMC Gastroenterology</i> , 2014, 14, 136.	2.0	32
28	Changes over time in the epidemiology of diarrhea and malnutrition among children in an Urban Brazilian Shantytown, 1989 to 1996. <i>International Journal of Infectious Diseases</i> , 2000, 4, 179-186.	3.3	28
29	Protein-energy malnutrition alters IgA responses to rotavirus vaccination and infection but does not impair vaccine efficacy in mice. <i>Vaccine</i> , 2013, 32, 48-53.	3.8	28
30	Prolonged maternal separation induces undernutrition and systemic inflammation with disrupted hippocampal development in mice. <i>Nutrition</i> , 2016, 32, 1019-1027.	2.4	28
31	Update on prolonged and persistent diarrhea in children. <i>Current Opinion in Gastroenterology</i> , 2011, 27, 19-23.	2.3	27
32	Artificial Intelligence Applied to Gastrointestinal Diagnostics. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020, 70, 4-11.	1.8	24
33	Ontogeny and function of the circadian clock in intestinal organoids. <i>EMBO Journal</i> , 2022, 41, e106973.	7.8	24
34	WNT Takes Two to Tango: Molecular Links between the Circadian Clock and the Cell Cycle in Adult Stem Cells. <i>Journal of Biological Rhythms</i> , 2018, 33, 5-14.	2.6	23
35	Acute Gastroenteritis in Children of the World. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020, 70, 694-701.	1.8	23
36	Study of Environmental Enteropathy and Malnutrition (SEEM) in Pakistan: protocols for biopsy based biomarker discovery and validation. <i>BMC Pediatrics</i> , 2019, 19, 247.	1.7	22

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37	Determinant Variables, Enteric Pathogen Burden, Gut Function and Immune-related Inflammatory Biomarkers Associated With Childhood Malnutrition. <i>Pediatric Infectious Disease Journal</i> , 2017, 36, 1177-1185.	2.0	20
38	Environmental Enteropathy in Undernourished Pakistani Children: Clinical and Histomorphometric Analyses. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018, 98, 1577-1584.	1.4	20
39	Nutritional deficiency in an intestine-on-a-chip recapitulates injury hallmarks associated with environmental enteric dysfunction. <i>Nature Biomedical Engineering</i> , 2022, 6, 1236-1247.	22.5	20
40	Preventing 5 million child deaths from diarrhea in the next 5 years. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2011, 8, 363-364.	17.8	17
41	Serum anti-flagellin and anti-lipopolysaccharide immunoglobulins as predictors of linear growth faltering in Pakistani infants at risk for environmental enteric dysfunction. <i>PLoS ONE</i> , 2018, 13, e0193768.	2.5	14
42	Bile Acid Profiling Reveals Distinct Signatures in Undernourished Children with Environmental Enteric Dysfunction. <i>Journal of Nutrition</i> , 2021, 151, 3689-3700.	2.9	13
43	Murine Methyl Donor Deficiency Impairs Early Growth in Association with Dysmorphic Small Intestinal Crypts and Reduced Gut Microbial Community Diversity. <i>Current Developments in Nutrition</i> , 2019, 3, nzy070.	0.3	12
44	Risk factors for adverse outcomes in developing countries. <i>Lancet, The</i> , 2007, 369, 824-825.	13.7	10
45	Salmonella typhi Liver Abscess Overlying a Metastatic Melanoma. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 90, 716-718.	1.4	9
46	An ambient-temperature storage and stabilization device performs comparably to flash-frozen collection for stool metabolomics in infants. <i>BMC Microbiology</i> , 2021, 21, 59.	3.3	9
47	Enhanced survival following oral and systemic Salmonella enterica serovar Typhimurium infection in polymeric immunoglobulin receptor knockout mice. <i>PLoS ONE</i> , 2018, 13, e0198434.	2.5	8
48	Hierarchical Deep Convolutional Neural Networks for Multi-category Diagnosis of Gastrointestinal Disorders on Histopathological Images. , 2020, , .		8
49	Artificial Intelligence-based Analytics for Diagnosis of Small Bowel Enteropathies and Black Box Feature Detection. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2021, 72, 833-841.	1.8	7
50	Deep Learning for Detecting Diseases in Gastrointestinal Biopsy Images. , 2019, , .		6
51	Deep Learning for Visual Recognition of Environmental Enteropathy and Celiac Disease. , 2019, , .		6
52	Gut integrity and duodenal enteropathogen burden in undernourished children with environmental enteric dysfunction. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009584.	3.0	6
53	Diagnosis of Celiac Disease and Environmental Enteropathy on Biopsy Images Using Color Balancing on Convolutional Neural Networks. <i>Advances in Intelligent Systems and Computing</i> , 2020, 1069, 750-765.	0.6	6
54	Fecal sphingolipids predict parenteral nutrition-associated cholestasis in the neonatal intensive care unit. <i>Journal of Parenteral and Enteral Nutrition</i> , 2022, 46, 1903-1913.	2.6	6

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55	Distance from Healthcare Facilities Is Associated with Increased Morbidity of Acute Infection in Pediatric Patients in Matiari, Pakistan. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11691.	2.6	5
56	Gram-negative Microbiota Blooms in Premature Twins Discordant for Parenteral Nutrition-associated Cholestasis. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020, 70, 640-644.	1.8	4
57	Safe drinking water: An attainable goal, key to health and development, appears farther away. <i>International Journal of Infectious Diseases</i> , 2000, 4, 1-2.	3.3	3
58	Intervention and Mechanisms of Alanine-glutamine for Inflammation, Nutrition, and Enteropathy. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2020, 71, 393-400.	1.8	3
59	Duodenal Biopsies Classification and Understanding using Convolutional Neural Networks. <i>AMIA Summits on Translational Science Proceedings</i> , 2019, 2019, 453-461.	0.4	2
60	Hemolytic-Uremic Syndrome in a Grandmother. <i>Emerging Infectious Diseases</i> , 2010, 16, 1792-1795.	4.3	1
61	Tissue is the Issue: Duodenal Biopsies to Elucidate Gut Structure and Function Among Undernourished Children in Low-Resource Settings. <i>EBioMedicine</i> , 2017, 23, 10-11.	6.1	1
62	Perinatal Outcomes of Asynchronous Influenza Vaccination, Cear�, Brazil, 2013-2018. <i>Emerging Infectious Diseases</i> , 2021, 27, 2409-2420.	4.3	1
63	Intestinal crypt-derived enteroid coculture in presence of peristaltic longitudinal muscle myenteric plexus. <i>Biology Methods and Protocols</i> , 2021, 6, bpaa027.	2.2	1
64	Implementation challenges from a prospective, interventional biopsy-based study of Environmental Enteropathy in rural Pakistan. <i>F1000Research</i> , 0, 10, 549.	1.6	1
65	Association of Anti-Rotavirus IgA Seroconversion with Growth, Environmental Enteric Dysfunction and Enteropathogens in Rural Pakistani Infants. <i>Vaccine</i> , 2022, 40, 3444-3451.	3.8	1
66	Novel Technique for Co-Culture of Murine Enteroids with Peristaltic Longitudinal Muscle-Myenteric Plexus Reveals Effects on Enteroid Morphology. <i>Journal of the American College of Surgeons</i> , 2020, 231, S208.	0.5	0
67	Implementation challenges from a prospective, interventional biopsy-based study of Environmental Enteropathy in rural Pakistan. <i>F1000Research</i> , 0, 10, 549.	1.6	0
68	Dialing in Prevention of Childhood Stunting and Diarrhea in Low-Income Countries. <i>Clinical Infectious Diseases</i> , 2021, 73, e2569-e2570.	5.8	0
69	Title is missing!. , 2020, 14, e0007975.		0
70	Title is missing!. , 2020, 14, e0007975.		0
71	Title is missing!. , 2020, 14, e0007975.		0