Sean R Moore

List of Publications by Year
in descending order

71 papers	3,819 citations	185998 28 h-index	133063 59 g-index
77 all docs	77 docs citations	77 times ranked	4368 citing authors

#	Article	IF	Citations
1	Ontogeny and function of the circadian clock in intestinal organoids. EMBO Journal, 2022, 41, e106973.	3.5	24
2	Fecal sphingolipids predict parenteral nutritionâ€“associated cholestasis in the neonatal intensive care unit. Journal of Parenteral and Enteral Nutrition, 2022, 46, 1903-1913.	1.3	6
3	Association of Anti-Rotavirus IgA Seroconversion with Growth, Environmental Enteric Dysfunction and Enteropathogens in Rural Pakistani Infants. Vaccine, 2022, 40, 3444-3451.	1.7	1
4	Nutritional deficiency in an intestine-on-a-chip recapitulates injury hallmarks associated with environmental enteric dysfunction. Nature Biomedical Engineering, 2022, 6, 1236-1247.	11.6	20
5	An ambient-temperature storage and stabilization device performs comparably to flash-frozen collection for stool metabolomics in infants. BMC Microbiology, 2021, 21, 59.	1.3	9
6	Mucosal Genomics Implicate Lymphocyte Activation and Lipid Metabolism in Refractory Environmental Enteric Dysfunction. Gastroenterology, 2021, 160, 2055-2071.e0.	0.6	38
7	Gut integrity and duodenal enteropathogen burden in undernourished children with environmental enteric dysfunction. PLoS Neglected Tropical Diseases, 2021, 15, e0009584.	1.3	6
8	Artificial Intelligenceâ€based Analytics for Diagnosis of Small Bowel Enteropathies and Black Box Feature Detection. Journal of Pediatric Gastroenterology and Nutrition, 2021, 72, 833-841.	0.9	7
9	Perinatal Outcomes of Asynchronous Influenza Vaccination, CearÃ¡, Brazil, 2013â€“2018. Emerging Infectious Diseases, 2021, 27, 2409-2420.	2.0	1
10	Bile Acid Profiling Reveals Distinct Signatures in Undernourished Children with Environmental Enteric Dysfunction. Journal of Nutrition, 2021, 151, 3689-3700.	1.3	13
11	Dialing in Prevention of Childhood Stunting and Diarrhea in Low-Income Countries. Clinical Infectious Diseases, 2021, 73, e2569-e2570.	2.9	0
12	Intestinal crypt-derived enteroid coculture in presence of peristaltic longitudinal muscle myenteric plexus. Biology Methods and Protocols, 2021, 6, bpaa027.	1.0	1
13	Distance from Healthcare Facilities Is Associated with Increased Morbidity of Acute Infection in Pediatric Patients in Matiari, Pakistan. International Journal of Environmental Research and Public Health, 2021, 18, 11691.	1.2	5
14	Artificial Intelligence Applied to Gastrointestinal Diagnostics. Journal of Pediatric Gastroenterology and Nutrition, 2020, 70, 4-11.	0.9	24
15	Gramâ€negative Microbiota Blooms in Premature Twins Discordant for Parenteral Nutritionâ€associated Cholestasis. Journal of Pediatric Gastroenterology and Nutrition, 2020, 70, 640-644.	0.9	4
16	The Enteric Nervous System and Its Emerging Role as a Therapeutic Target. Gastroenterology Research and Practice, 2020, 2020, 1-13.	0.7	45
17	Intervention and Mechanisms of Alanylâ€glutamine for Inflammation, Nutrition, and Enteropathy. Journal of Pediatric Gastroenterology and Nutrition, 2020, 71, 393-400.	0.9	3
18	Novel Technique for Co-Culture of Murine Enteroids with Peristaltic Longitudinal Muscle-Myenteric Plexus Reveals Effects on Enteroid Morphology. Journal of the American College of Surgeons, 2020, 231, S208.	0.2	0

#	Article	IF	Citations
19	HMIC: Hierarchical Medical Image Classification, A Deep Learning Approach. Information (Switzerland), 2020, 11, 318.	1.7	33
20	A novel histological index for evaluation of environmental enteric dysfunction identifies geographic-specific features of enteropathy among children with suboptimal growth. PLoS Neglected Tropical Diseases, 2020, 14, e0007975.	1.3	34
21	Acute Gastroenteritis in Children of the World. Journal of Pediatric Gastroenterology and Nutrition, 2020, 70, 694-701.	0.9	23
22	Hierarchical Deep Convolutional Neural Networks for Multi-category Diagnosis of Gastrointestinal Disorders on Histopathological Images. , 2020, , .		8
23	Diagnosis of Celiac Disease and Environmental Enteropathy on Biopsy Images Using Color Balancing on Convolutional Neural Networks. Advances in Intelligent Systems and Computing, 2020, 1069, 750-765.	0.5	6
24	Title is missing!. , 2020, 14, e0007975.		0
25	Title is missing!. , 2020, 14, e0007975.		0
26	Title is missing!. , 2020, 14, e0007975.		0
27	Deep Learning for Detecting Diseases in Gastrointestinal Biopsy Images. , 2019, , .		6
28	Study of Environmental Enteropathy and Malnutrition (SEEM) in Pakistan: protocols for biopsy based biomarker discovery and validation. BMC Pediatrics, 2019, 19, 247.	0.7	22
29	Assessment of Machine Learning Detection of Environmental Enteropathy and Celiac Disease in Children. JAMA Network Open, 2019, 2, e195822.	2.8	35
30	Deep Learning for Visual Recognition of Environmental Enteropathy and Celiac Disease. , 2019, , .		6
31	Murine Methyl Donor Deficiency Impairs Early Growth in Association with Dysmorphic Small Intestinal Crypts and Reduced Gut Microbial Community Diversity. Current Developments in Nutrition, 2019, 3, nzy070.	0.1	12
32	Duodenal Biopsies Classification and Understanding using Convolutional Neural Networks. AMIA Summits on Translational Science Proceedings, 2019, 2019, 453-461.	0.4	2
33	WNT Takes Two to Tango: Molecular Links between the Circadian Clock and the Cell Cycle in Adult Stem Cells. Journal of Biological Rhythms, 2018, 33, 5-14.	1.4	23
34	Enhanced survival following oral and systemic Salmonella enterica serovar Typhimurium infection in polymeric immunoglobulin receptor knockout mice. PLoS ONE, 2018, 13, e0198434.	1.1	8
35	Serum anti-flagellin and anti-lipopolysaccharide immunoglobulins as predictors of linear growth faltering in Pakistani infants at risk for environmental enteric dysfunction. PLoS ONE, 2018, 13, e0193768.	1.1	14
36	Environmental Enteropathy in Undernourished Pakistani Children: Clinical and Histomorphometric Analyses. American Journal of Tropical Medicine and Hygiene, 2018, 98, 1577-1584.	0.6	20

#	Article	IF	Citations
37	Determinant Variables, Enteric Pathogen Burden, Gut Function and Immune-related Inflammatory Biomarkers Associated With Childhood Malnutrition. Pediatric Infectious Disease Journal, 2017, 36, 1177-1185.	1.1	20
38	Tissue is the Issue: Duodenal Biopsies to Elucidate Gut Structure and Function Among Undernourished Children in Low-Resource Settings. EBioMedicine, 2017, 23, 10-11.	2.7	1
39	Rhythm and bugs. Current Opinion in Gastroenterology, 2016, 32, 7-11.	1.0	69
40	Urinary N-methylnicotinamide and Î²-aminoisobutyric acid predict catch-up growth in undernourished Brazilian children. Scientific Reports, 2016, 6, 19780.	1.6	56
41	Prolonged maternal separation induces undernutrition and systemic inflammation with disrupted hippocampal development in mice. Nutrition, 2016, 32, 1019-1027.	1.1	28
42	Early Childhood Diarrhea Predicts Cognitive Delays in Later Childhood Independently of Malnutrition. American Journal of Tropical Medicine and Hygiene, 2016, 95, 1004-1010.	0.6	58
43	Intercellular Coupling of the Cell Cycle and Circadian Clock in Adult Stem Cell Culture. Molecular Cell, 2016, 64, 900-912.	4.5	93
44	Biomarkers of Environmental Enteropathy, Inflammation, Stunting, and Impaired Growth in Children in Northeast Brazil. PLoS ONE, 2016, 11, e0158772.	1.1	164
45	Characterization of stem/progenitor cell cycle using murine circumvallate papilla taste bud organoid. Scientific Reports, 2015, 5, 17185.	1.6	54
46	Glutamine and alanyl-glutamine promote crypt expansion and mTOR signaling in murine enteroids. American Journal of Physiology - Renal Physiology, 2015, 308, G831-G839.	1.6	47
47	Postnatal epigenetic regulation of intestinal stem cells requires DNA methylation and is guided by the microbiome. Genome Biology, 2015, 16, 211.	3.8	113
48	Robust circadian rhythms in organoid cultures from PERIOD2::LUCIFERASE mouse small intestine. DMM Disease Models and Mechanisms, 2014, 7, 1123-30.	1.2	38
49	Salmonella typhi Liver Abscess Overlying a Metastatic Melanoma. American Journal of Tropical Medicine and Hygiene, 2014, 90, 716-718.	0.6	9
50	Zinc treatment ameliorates diarrhea and intestinal inflammation in undernourished rats. BMC Gastroenterology, 2014, 14, 136.	0.8	32
51	The impoverished gutâ€"a triple burden of diarrhoea, stunting and chronic disease. Nature Reviews Gastroenterology and Hepatology, 2013, 10, 220-229.	8.2	476
52	Protein-energy malnutrition alters IgA responses to rotavirus vaccination and infection but does not impair vaccine efficacy in mice. Vaccine, 2013, 32, 48-53.	1.7	28
53	Early childhood growth failure and the developmental origins of adult disease: do enteric infections and malnutrition increase risk for the metabolic syndrome?. Nutrition Reviews, 2012, 70, 642-653.	2.6	152
54	Interactions of diarrhea, pneumonia, and malnutrition in childhood. Current Opinion in Infectious Diseases, 2011, 24, 496-502.	1.3	96

#	Article	IF	Citations
55	Update on prolonged and persistent diarrhea in children. Current Opinion in Gastroenterology, 2011, 27, 19-23.	1.0	27
56	Preventing 5 million child deaths from diarrhea in the next 5 years. Nature Reviews Gastroenterology and Hepatology, 2011, 8, 363-364.	8.2	17
57	Alanyl-glutamine promotes intestinal epithelial cell homeostasis in vitro and in a murine model of weanling undernutrition. American Journal of Physiology - Renal Physiology, 2011, 301, G612-G622.	1.6	49
58	Hemolyticâ€“Uremic Syndrome in a Grandmother. Emerging Infectious Diseases, 2010, 16, 1792-1795.	2.0	1
59	Prolonged Episodes of Acute Diarrhea Reduce Growth and Increase Risk of Persistent Diarrhea in Children. Gastroenterology, 2010, 139, 1156-1164.	0.6	147
60	Malnutrition as an enteric infectious disease with long-term effects on child development. Nutrition Reviews, 2008, 66, 487-505.	2.6	399
61	Risk factors for adverse outcomes in developing countries. Lancet, The, 2007, 369, 824-825.	6.3	10
62	Early Childhood Diarrhea Predicts Impaired School Performance. Pediatric Infectious Disease Journal, 2006, 25, 513-520.	1.1	130
63	Magnitude and Impact of Diarrheal Diseases. Archives of Medical Research, 2002, 33, 351-355.	1.5	137
64	Early childhood diarrhea is associated with diminished cognitive function 4 to 7 years later in children in a northeast Brazilian shantytown.. American Journal of Tropical Medicine and Hygiene, 2002, 66, 590-593.	0.6	250
65	A longitudinal study of Giardia lamblia infection in north-east Brazilian children. Tropical Medicine and International Health, 2001, 6, 624-634.	1.0	77
66	Safe drinking water: An attainable goal, key to health and development, appears farther away. International Journal of Infectious Diseases, 2000, 4, 1-2.	1.5	3
67	Changes over time in the epidemiology of diarrhea and malnutrition among children in an Urban Brazilian Shantytown, 1989 to 1996. International Journal of Infectious Diseases, 2000, 4, 179-186.	1.5	28
68	Longitudinal Study ofCryptosporidiumInfection in Children in Northeastern Brazil. Journal of Infectious Diseases, 1999, 180, 167-175.	1.9	152
69	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.. American Journal of Tropical Medicine and Hygiene, 1999, 61, 707-713.	0.6	395
70	Implementation challenges from a prospective, interventional biopsy-based study of Environmental Enteropathy in rural Pakistan. F1000Research, 0, 10, 549.	0.8	0
71	Implementation challenges from a prospective, interventional biopsy-based study of Environmental Enteropathy in rural Pakistan. F1000Research, 0, 10, 549.	0.8	1