

Aldo M Lima

List of Publications by Year in descending order

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180
papers

11,389
citations

28274

55
h-index

33894

99
g-index

184
all docs

184
docs citations

184
times ranked

9790
citing authors

#	ARTICLE	IF	CITATIONS
1	Pathogen-specific burdens of community diarrhoea in developing countries: a multisite birth cohort study (MAL-ED). <i>The Lancet Global Health</i> , 2015, 3, e564-e575.	6.3	725
2	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
3	Multi-country analysis of the effects of diarrhoea on childhood stunting. <i>International Journal of Epidemiology</i> , 2008, 37, 816-830.	1.9	470
4	Malnutrition as an enteric infectious disease with long-term effects on child development. <i>Nutrition Reviews</i> , 2008, 66, 487-505.	5.8	399
5	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
6	The MAL-ED Study: A Multinational and Multidisciplinary Approach to Understand the Relationship Between Enteric Pathogens, Malnutrition, Gut Physiology, Physical Growth, Cognitive Development, and Immune Responses in Infants and Children Up to 2 Years of Age in Resource-Poor Environments. <i>Clinical Infectious Diseases</i> , 2014, 59, S193-S206.	5.8	306
7	Fecal Markers of Intestinal Inflammation and Permeability Associated with the Subsequent Acquisition of Linear Growth Deficits in Infants. <i>American Journal of Tropical Medicine and Hygiene</i> , 2013, 88, 390-396.	1.4	262
8	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
9	Environmental Enteric Dysfunction: Pathogenesis, Diagnosis, and Clinical Consequences. <i>Clinical Infectious Diseases</i> , 2014, 59, S207-S212.	5.8	224
10	Persistent Diarrhea Signals a Critical Period of Increased Diarrhea Burdens and Nutritional Shortfalls: A Prospective Cohort Study among Children in Northeastern Brazil. <i>Journal of Infectious Diseases</i> , 2000, 181, 1643-1651.	4.0	209
11	Cryptosporidiosis: epidemiology and impact. <i>Microbes and Infection</i> , 2002, 4, 1059-1066.	1.9	190
12	Causal Pathways from Enteropathogens to Environmental Enteropathy: Findings from the MAL-ED Birth Cohort Study. <i>EBioMedicine</i> , 2017, 18, 109-117.	6.1	183
13	Measuring socioeconomic status in multicountry studies: results from the eight-country MAL-ED study. <i>Population Health Metrics</i> , 2014, 12, 8.	2.7	176
14	Biomarkers of Environmental Enteropathy, Inflammation, Stunting, and Impaired Growth in Children in Northeast Brazil. <i>PLoS ONE</i> , 2016, 11, e0158772.	2.5	164
15	Epidemiology and Impact of <i>Campylobacter</i> Infection in Children in 8 Low-Resource Settings: Results From the MAL-ED Study. <i>Clinical Infectious Diseases</i> , 2016, 63, ciw542.	5.8	163
16	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
17	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
18	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

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19	Implications of Acquired Environmental Enteric Dysfunction for Growth and Stunting in Infants and Children Living in Low- and Middle-Income Countries. <i>Food and Nutrition Bulletin</i> , 2013, 34, 357-364.	1.4	146
20	Use of antibiotics in children younger than two years in eight countries: a prospective cohort study. <i>Bulletin of the World Health Organization</i> , 2017, 95, 49-61.	3.3	146
21	Magnitude and Impact of Diarrheal Diseases. <i>Archives of Medical Research</i> , 2002, 33, 351-355.	3.3	137
22	Determinants and Impact of Giardia Infection in the First 2 Years of Life in the MAL-ED Birth Cohort. <i>Journal of the Pediatric Infectious Diseases Society</i> , 2017, 6, 153-160.	1.3	137
23	Early Childhood Diarrhea Predicts Impaired School Performance. <i>Pediatric Infectious Disease Journal</i> , 2006, 25, 513-520.	2.0	130
24	Assessment of Environmental Enteropathy in the MAL-ED Cohort Study: Theoretical and Analytic Framework. <i>Clinical Infectious Diseases</i> , 2014, 59, S239-S247.	5.8	127
25	Etiology and Epidemiology of Persistent Diarrhea in Northeastern Brazil. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1995, 21, 137-144.	1.8	117
26	Heavy cryptosporidial infections in children in northeast Brazil: comparison of <i>Cryptosporidium hominis</i> and <i>Cryptosporidium parvum</i> . <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2007, 101, 378-384.	1.8	117
27	APOE4 Protects the Cognitive Development in Children with Heavy Diarrhea Burdens in Northeast Brazil. <i>Pediatric Research</i> , 2005, 57, 310-316.	2.3	115
28	<i>Giardia duodenalis</i> assemblage, clinical presentation and markers of intestinal inflammation in Brazilian children. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2008, 102, 718-725.	1.8	115
29	Mechanism of <i>Clostridium difficile</i> Toxin A α -Induced Apoptosis in T84 Cells. <i>Journal of Infectious Diseases</i> , 2002, 186, 1438-1447.	4.0	108
30	Updating the DALYs for diarrhoeal disease. <i>Trends in Parasitology</i> , 2002, 18, 191-193.	3.3	104
31	Cryptosporidiosis: an update. <i>Lancet Infectious Diseases</i> , The, 2001, 1, 262-269.	9.1	101
32	Systemic inflammation, growth factors, and linear growth in the setting of infection and malnutrition. <i>Nutrition</i> , 2017, 33, 248-253.	2.4	99
33	Wasting Is Associated with Stunting in Early Childhood. <i>Journal of Nutrition</i> , 2012, 142, 1291-1296.	2.9	97
34	Household food access and child malnutrition: results from the eight-country MAL-ED study. <i>Population Health Metrics</i> , 2012, 10, 24.	2.7	93
35	Microbiologic Methods Utilized in the MAL-ED Cohort Study. <i>Clinical Infectious Diseases</i> , 2014, 59, S225-S232.	5.8	93
36	Intestinal Barrier Function and Secretion in Methotrexate-Induced Rat Intestinal Mucositis. <i>Digestive Diseases and Sciences</i> , 2004, 49, 65-72.	2.3	89

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37	Relationship between growth and illness, enteropathogens and dietary intakes in the first 2 years of life: findings from the MAL-ED birth cohort study. <i>BMJ Global Health</i> , 2018, 2, e000370.	4.7	88
38	Treatment with <i>Saccharomyces boulardii</i> reduces the inflammation and dysfunction of the gastrointestinal tract in 5-fluorouracil-induced intestinal mucositis in mice. <i>British Journal of Nutrition</i> , 2014, 111, 1611-1621.	2.3	85
39	Disease Surveillance Methods Used in the 8-Site MAL-ED Cohort Study. <i>Clinical Infectious Diseases</i> , 2014, 59, S220-S224.	5.8	84
40	Norovirus Infection and Acquired Immunity in 8 Countries: Results From the MAL-ED Study. <i>Clinical Infectious Diseases</i> , 2016, 62, 1210-1217.	5.8	84
41	Prevalence of enteroaggregative <i>Escherichia coli</i> and its virulence-related genes in a case-control study among children from north-eastern Brazil. <i>Journal of Medical Microbiology</i> , 2013, 62, 683-693.	1.8	79
42	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
43	Dynamics and Trends in Fecal Biomarkers of Gut Function in Children from 1-24 Months in the MAL-ED Study. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 96, 465-472.	1.4	73
44	Diarrhea and Reduced Levels of Antiretroviral Drugs: Improvement with Glutamine or Alanyl-Glutamine in a Randomized Controlled Trial in Northeast Brazil. <i>Clinical Infectious Diseases</i> , 2004, 38, 1764-1770.	5.8	68
45	<i>Cryptosporidium</i> Infection Causes Undernutrition and, Conversely, Weaning Undernutrition Intensifies Infection. <i>Journal of Parasitology</i> , 2008, 94, 1225-1232.	0.7	65
46	Infant Feeding Practices, Dietary Adequacy, and Micronutrient Status Measures in the MAL-ED Study. <i>Clinical Infectious Diseases</i> , 2014, 59, S248-S254.	5.8	65
47	Caspase and Bid Involvement in <i>Clostridium difficile</i> Toxin A-Induced Apoptosis and Modulation of Toxin A Effects by Glutamine and Alanyl-Glutamine In Vivo and In Vitro. <i>Infection and Immunity</i> , 2006, 74, 81-87.	2.2	63
48	Association of torovirus with acute and persistent diarrhea in children. <i>Pediatric Infectious Disease Journal</i> , 1997, 16, 504-507.	2.0	62
49	The MAL-ED Cohort Study: Methods and Lessons Learned When Assessing Early Child Development and Caregiving Mediators in Infants and Young Children in 8 Low- and Middle-Income Countries. <i>Clinical Infectious Diseases</i> , 2014, 59, S261-S272.	5.8	61
50	Intestinal Barrier Function and Weight Gain in Malnourished Children Taking Glutamine Supplemented Enteral Formula. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2005, 40, 28-35.	1.8	59
51	Role of apolipoprotein E4 in protecting children against early childhood diarrhea outcomes and implications for later development. <i>Medical Hypotheses</i> , 2007, 68, 1099-1107.	1.5	59
52	Retinol and Retinol-Binding Protein: Gut Integrity and Circulating Immunoglobulins. <i>Journal of Infectious Diseases</i> , 2000, 182, S97-S102.	4.0	58
53	Limitations in Verbal Fluency Following Heavy Burdens of Early Childhood Diarrhea in Brazilian Shantytown Children. <i>Child Neuropsychology</i> , 2005, 11, 233-244.	1.3	58
54	Wasting and Intestinal Barrier Function in Children Taking Alanyl-Glutamine-Supplemented Enteral Formula. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2007, 44, 365-374.	1.8	58

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55	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
56	Epidemiology of enteroaggregative <i>Escherichia coli</i> infections and associated outcomes in the MAL-ED birth cohort. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005798.	3.0	58
57	Effects of Vitamin A Supplementation on Intestinal Barrier Function, Growth, Total Parasitic, and Specific <i>Giardia</i> spp Infections in Brazilian Children: A Prospective Randomized, Double-blind, Placebo-controlled Trial. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2010, 50, 309-315.	1.8	56
58	Cryptosporidium-Malnutrition Interactions: Mucosal Disruption, Cytokines, and TLR Signaling In A Weaned Murine Model. <i>Journal of Parasitology</i> , 2011, 97, 1113-1120.	0.7	56
59	Urinary N-methylnicotinamide and $\hat{1}^2$ -aminoisobutyric acid predict catch-up growth in undernourished Brazilian children. <i>Scientific Reports</i> , 2016, 6, 19780.	3.3	56
60	Novel In Vitro and In Vivo Models and Potential New Therapeutics to Break the Vicious Cycle of Cryptosporidium Infection and Malnutrition. <i>Journal of Infectious Diseases</i> , 2012, 205, 1464-1471.	4.0	52
61	Astrovirus Infection and Diarrhea in 8 Countries. <i>Pediatrics</i> , 2018, 141, .	2.1	50
62	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
63	Catch-Up Growth Occurs after Diarrhea in Early Childhood. <i>Journal of Nutrition</i> , 2014, 144, 965-971.	2.9	49
64	Update on molecular epidemiology of Shigella infection. <i>Current Opinion in Gastroenterology</i> , 2015, 31, 30-37.	2.3	49
65	Geography, Population, Demography, Socioeconomic, Anthropometry, and Environmental Status in the MAL-ED Cohort and Case-Control Study Sites in Fortaleza, Cear�, Brazil. <i>Clinical Infectious Diseases</i> , 2014, 59, S287-S294.	5.8	48
66	The Effects of <i>Escherichia coli</i> Heat-Stable Enterotoxin in Renal Sodium Tubular Transport. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1992, 70, 163-167.	0.0	47
67	Gastroprotective effect of heme-oxygenase 1/biliverdin/CO pathway in ethanol-induced gastric damage in mice. <i>European Journal of Pharmacology</i> , 2010, 642, 140-145.	3.5	47
68	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
69	Effects of an alanyl-glutamine-based oral rehydration and nutrition therapy solution on electrolyte and water absorption in a rat model of secretory diarrhea induced by cholera toxin. <i>Nutrition</i> , 2002, 18, 458-462.	2.4	45
70	Lactulose. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2014, 59, 544-550.	1.8	45
71	Glutamine analogues as adjunctive therapy for infectious diarrhea. <i>Current Infectious Disease Reports</i> , 2003, 5, 114-119.	3.0	44
72	Intestinal permeability and malabsorption of rifampin and isoniazid in active pulmonary tuberculosis. <i>Brazilian Journal of Infectious Diseases</i> , 2006, 10, 374-379.	0.6	44

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73	Micronutrients and Infection: Interactions and Implications with Enteric and Other Infections and Future Priorities. <i>Journal of Infectious Diseases</i> , 2000, 182, S134-S138.	4.0	43
74	Alanyl-glutamine hastens morphologic recovery from 5-fluorouracil-induced mucositis in mice. <i>Nutrition</i> , 2004, 20, 934-941.	2.4	43
75	Seroepidemiology of <i>Entamoeba histolytica</i> in a Slum in Northeastern Brazil. <i>American Journal of Tropical Medicine and Hygiene</i> , 1996, 55, 693-697.	1.4	43
76	<i>Clostridium difficile</i> Toxin A Induces Intestinal Epithelial Cell Apoptosis and Damage: Role of Gln and Ala-Gln in Toxin A Effects. <i>Digestive Diseases and Sciences</i> , 2005, 50, 1271-1278.	2.3	42
77	Direct analysis of mannitol, lactulose and glucose in urine samples by high-performance anion-exchange chromatography with pulse amperometric detection clinical evaluation of intestinal permeability in human immunodeficiency virus infection. <i>Biomedical Applications</i> , 1996, 685, 105-112.	1.7	41
78	Age and Sex Normalization of Intestinal Permeability Measures for the Improved Assessment of Enteropathy in Infancy and Early Childhood. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2017, 65, 31-39.	1.8	41
79	Apolipoprotein E4 influences growth and cognitive responses to micronutrient supplementation in shantytown children from northeast Brazil. <i>Clinics</i> , 2012, 67, 11-18.	1.5	39
80	Modeling Environmental Influences on Child Growth in the MAL-ED Cohort Study: Opportunities and Challenges. <i>Clinical Infectious Diseases</i> , 2014, 59, S255-S260.	5.8	39
81	Comparisons between myeloperoxidase, lactoferrin, calprotectin and lipocalin-2, as fecal biomarkers of intestinal inflammation in malnourished children. <i>Journal of Translational Science</i> , 2016, 2, 134-139.	0.2	39
82	Designing educational messages to improve weaning food hygiene practices of families living in poverty. <i>Social Science and Medicine</i> , 1997, 44, 1453-1464.	3.8	38
83	Prevalence and virulence gene profiling of enteroaggregative <i>Escherichia coli</i> in malnourished and nourished Brazilian children. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017, 89, 98-105.	1.8	38
84	Efficacy of a Glutamine-Based Oral Rehydration Solution on the Electrolyte and Water Absorption in a Rabbit Model of Secretory Diarrhea Induced by Cholera Toxin. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1998, 26, 513-519.	1.8	38
85	Effects of pentoxifylline and nabumetone on the serum levels of IL-1 β and TNF α in rats with adjuvant arthritis. <i>Inflammation Research</i> , 2000, 49, 14-19.	4.0	37
86	Faecal contamination of drinking water in a Brazilian shanty town: importance of household storage and new human faecal marker testing. <i>Journal of Water and Health</i> , 2009, 7, 324-331.	2.6	37
87	The micronutrient zinc inhibits EAEC strain 042 adherence, biofilm formation, virulence gene expression, and epithelial cytokine responses benefiting the infected host. <i>Virulence</i> , 2013, 4, 624-633.	4.4	37
88	Apolipoprotein E Plays a Key Role against Cryptosporidial Infection in Transgenic Undernourished Mice. <i>PLoS ONE</i> , 2014, 9, e89562.	2.5	37
89	Environmental Sources of <i>Cryptosporidium</i> in an Urban Slum in Northeastern Brazil. <i>American Journal of Tropical Medicine and Hygiene</i> , 1993, 49, 270-275.	1.4	37
90	Vaccine coverage and adherence to EPI schedules in eight resource poor settings in the MAL-ED cohort study. <i>Vaccine</i> , 2017, 35, 443-451.	3.8	36

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91	Global Impact of Diarrheal Diseases That Are Sampled by Travelers: The Rest of the Hippopotamus. <i>Clinical Infectious Diseases</i> , 2005, 41, S524-S530.	5.8	34
92	Apolipoprotein E COG 133 mimetic peptide improves 5-fluorouracil-induced intestinal mucositis. <i>BMC Gastroenterology</i> , 2012, 12, 35.	2.0	34
93	Rotavirus Infection and Disease in a Multisite Birth Cohort: Results From the MAL-ED Study. <i>Journal of Infectious Diseases</i> , 2017, 216, 305-316.	4.0	34
94	Role of retinol in protecting epithelial cell damage induced by <i>Clostridium difficile</i> toxin A. <i>Toxicon</i> , 2007, 50, 1027-1040.	1.6	32
95	Methods of Analysis of Enteropathogen Infection in the MAL-ED Cohort Study. <i>Clinical Infectious Diseases</i> , 2014, 59, S233-S238.	5.8	32
96	Zinc treatment ameliorates diarrhea and intestinal inflammation in undernourished rats. <i>BMC Gastroenterology</i> , 2014, 14, 136.	2.0	32
97	Enteroaggregative <i>Escherichia coli</i> Subclinical Infection and Coinfections and Impaired Child Growth in the MAL-ED Cohort Study. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2018, 66, 325-333.	1.8	32
98	<i>Campylobacter jejuni</i> and <i>Campylobacter coli</i> in children from communities in Northeastern Brazil: molecular detection and relation to nutritional status. <i>Diagnostic Microbiology and Infectious Disease</i> , 2010, 67, 220-227.	1.8	31
99	<i>Campylobacter jejuni</i> infection and virulence-associated genes in children with moderate to severe diarrhoea admitted to emergency rooms in northeastern Brazil. <i>Journal of Medical Microbiology</i> , 2012, 61, 507-513.	1.8	31
100	"Barriers" to Child Development and Human Potential: The Case for Including the "Neglected Enteric Protozoa" (NEP) and Other Enteropathy-Associated Pathogens in the NTDs. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2125.	3.0	31
101	Evaluating Associations Between Vaccine Response and Malnutrition, Gut Function, and Enteric Infections in the MAL-ED Cohort Study: Methods and Challenges. <i>Clinical Infectious Diseases</i> , 2014, 59, S273-S279.	5.8	31
102	Defined Nutrient Diets Alter Susceptibility to <i>Clostridium difficile</i> Associated Disease in a Murine Model. <i>PLoS ONE</i> , 2015, 10, e0131829.	2.5	31
103	Etiology and severity of diarrheal diseases in infants at the semiarid region of Brazil: A case-control study. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007154.	3.0	31
104	Infant Nutritional Status, Feeding Practices, Enteropathogen Exposure, Socioeconomic Status, and Illness Are Associated with Gut Barrier Function As Assessed by the Lactulose Mannitol Test in the MAL-ED Birth Cohort. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 97, 281-290.	1.4	31
105	Renal effects of supernatant from rat peritoneal macrophages activated by microcystin-LR: role protein mediators. <i>Toxicon</i> , 2003, 41, 377-381.	1.6	30
106	Role of tumor necrosis factor and nitric oxide in the cytotoxic effects of <i>Clostridium difficile</i> toxin A and toxin B on macrophages. <i>Toxicon</i> , 1997, 35, 743-752.	1.6	28
107	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
108	Age-Specific <i>Helicobacter pylori</i> Seropositivity Rates of Children in an Impoverished Urban Area of Northeast Brazil. <i>Journal of Clinical Microbiology</i> , 2003, 41, 1326-1328.	3.9	27

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109	Role of <sc>NMDA</sc> receptors in the trigeminal pathway, and the modulatory effect of magnesium in a model of rat temporomandibular joint arthritis. <i>European Journal of Oral Sciences</i> , 2013, 121, 573-583.	1.5	27
110	A Comparison of Diarrheal Severity Scores in the MAL-ED Multisite Community-Based Cohort Study. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016, 63, 466-473.	1.8	27
111	Alanyl-Glutamine and Glutamine Supplementation Improves 5-Fluorouracil-Induced Intestinal Epithelium Damage In Vitro. <i>Digestive Diseases and Sciences</i> , 2008, 53, 2687-2696.	2.3	26
112	Early Antibiotic Exposure in Low-resource Settings Is Associated With Increased Weight in the First Two Years of Life. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2017, 65, 350-356.	1.8	24
113	The pharmacological profile of ovalbumin-induced paw oedema in rats. <i>Mediators of Inflammation</i> , 2002, 11, 155-163.	3.0	23
114	Postpartum depressive symptoms across time and place: Structural invariance of the Self-Reporting Questionnaire among women from the international, multi-site MAL-ED study. <i>Journal of Affective Disorders</i> , 2014, 167, 178-186.	4.1	23
115	Effects of glutamine supplementation on inflammatory bowel disease: A systematic review of clinical trials. <i>Clinical Nutrition ESPEN</i> , 2021, 42, 53-60.	1.2	23
116	Carotenoids, Retinol, and Intestinal Barrier Function in Children From Northeastern Brazil. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2008, 47, 652-659.	1.8	21
117	Evaluation of HIV protease and nucleoside reverse transcriptase inhibitors on proliferation, necrosis, apoptosis in intestinal epithelial cells and electrolyte and water transport and epithelial barrier function in mice. <i>BMC Gastroenterology</i> , 2010, 10, 90.	2.0	21
118	Higher frequency of cagA EPIYA-C Phosphorylation Sites in <i>H. pylori</i> strains from first-degree relatives of gastric cancer patients. <i>BMC Gastroenterology</i> , 2012, 12, 107.	2.0	21
119	Alanyl-glutamine attenuates 5-fluorouracil-induced intestinal mucositis in apolipoprotein E-deficient mice. <i>Brazilian Journal of Medical and Biological Research</i> , 2015, 48, 493-501.	1.5	21
120	Genome-wide Analysis in Brazilians Reveals Highly Differentiated Native American Genome Regions. <i>Molecular Biology and Evolution</i> , 2017, 34, msw249.	8.9	21
121	Molecular characterization of virulence and antimicrobial resistance profile of <i>Shigella</i> species isolated from children with moderate to severe diarrhea in northeastern Brazil. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018, 90, 198-205.	1.8	21
122	Role of mast cells and pro-inflammatory mediators on the intestinal secretion induced by cholera toxin. <i>Toxicon</i> , 2003, 42, 183-189.	1.6	20
123	Short Communication: Intermediate Prevalence of HIV Type 1 Primary Antiretroviral Resistance in Cear� State, Northeast Brazil. <i>AIDS Research and Human Retroviruses</i> , 2011, 27, 153-156.	1.1	20
124	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
125	Semantic fluency: A sensitive marker for cognitive impairment in children with heavy diarrhea burdens?. <i>Medical Hypotheses</i> , 2009, 73, 682-686.	1.5	19
126	Zinc and glutamine improve brain development in suckling mice subjected to early postnatal malnutrition. <i>Nutrition</i> , 2010, 26, 662-670.	2.4	19

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127	Arginine decreases <i>Cryptosporidium parvum</i> infection in undernourished suckling mice involving nitric oxide synthase and arginase. <i>Nutrition</i> , 2012, 28, 678-685.	2.4	19
128	Effects of glutamine alone or in combination with zinc and vitamin A on growth, intestinal barrier function, stress and satiety-related hormones in Brazilian shantytown children. <i>Clinics</i> , 2014, 69, 225-233.	1.5	19
129	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
130	Intestinal Epithelial Restitution After TcdB Challenge and Recovery From <i>Clostridium difficile</i> Infection in Mice With Alanyl-Glutamine Treatment. <i>Journal of Infectious Diseases</i> , 2013, 207, 1505-1515.	4.0	17
131	IMPROVEMENT OF INTESTINAL PERMEABILITY WITH ALANYL-GLUTAMINE IN HIV PATIENTS: Arquivos De Gastroenterologia, 2013, 50, 56-63.	0.8	17
132	American visceral leishmaniasis (kala-azar) in hospitalized children from an endemic area. <i>Jornal De Pediatria</i> , 2005, 81, 73-78.	2.0	17
133	Role of phospholipase A ₂ and tyrosine kinase in <i>Clostridium difficile</i> toxin A-induced disruption of epithelial integrity, histologic inflammatory damage and intestinal secretion. <i>Journal of Applied Toxicology</i> , 2008, 28, 849-857.	2.8	16
134	Zinc, vitamin A, and glutamine supplementation in Brazilian shantytown children at risk for diarrhea results in sex-specific improvements in verbal learning. <i>Clinics</i> , 2013, 68, 351-358.	1.5	16
135	Apolipoprotein E knockout mice have accentuated malnutrition with mucosal disruption and blunted insulin-like growth factor I responses to refeeding. <i>Nutrition Research</i> , 2006, 26, 427-435.	2.9	15
136	From <i>Escherichia coli</i> heat-stable enterotoxin to mammalian endogenous guanylin hormones. <i>Brazilian Journal of Medical and Biological Research</i> , 2014, 47, 179-191.	1.5	15
137	Opportunities to assess factors contributing to the development of the intestinal microbiota in infants living in developing countries. <i>Microbial Ecology in Health and Disease</i> , 2015, 26, 28316.	3.5	15
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