Alexandre Havt

List of Publications by Year
in descending order

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104 papers	4,190 citations	147566 31 h-index	123241 61 g-index
105 all docs	105 docs citations	105 times ranked	5440 citing authors

#	Article	IF	Citations
1	Pathogen-specific burdens of community diarrhoea in developing countries: a multisite birth cohort study (MAL-ED). The Lancet Global Health, 2015, 3, e564-e575.	2.9	725
2	Use of quantitative molecular diagnostic methods to investigate the effect of enteropathogen infections on linear growth in children in low-resource settings: longitudinal analysis of results from the MAL-ED cohort study. The Lancet Global Health, 2018, 6, e1319-e1328.	2.9	280
3	Use of quantitative molecular diagnostic methods to assess the aetiology, burden, and clinical characteristics of diarrhoea in children in low-resource settings: a reanalysis of the MAL-ED cohort study. The Lancet Global Health, 2018, 6, e1309-e1318.	2.9	251
4	Causal Pathways from Enteropathogens to Environmental Enteropathy: Findings from the MAL-ED Birth Cohort Study. EBioMedicine, 2017, 18, 109-117.	2.7	183
5	Biomarkers of Environmental Enteropathy, Inflammation, Stunting, and Impaired Growth in Children in Northeast Brazil. PLoS ONE, 2016, 11, e0158772.	1.1	164
6	Epidemiology and Impact ofCampylobacterInfection in Children in 8 Low-Resource Settings: Results From the MAL-ED Study. Clinical Infectious Diseases, 2016, 63, ciw542.	2.9	163
7	Determinants and Impact of Giardia Infection in the First 2 Years of Life in the MAL-ED Birth Cohort. Journal of the Pediatric Infectious Diseases Society, 2017, 6, 153-160.	0.6	137
8	The expression of the pituitary growth hormone-releasing hormone receptor and its splice variants in normal and neoplastic human tissues. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 17424-17429.	3.3	110
9	Systemic inflammation, growth factors, and linear growth in the setting of infection and malnutrition. Nutrition, 2017, 33, 248-253.	1.1	99
10	Microbiologic Methods Utilized in the MAL-ED Cohort Study. Clinical Infectious Diseases, 2014, 59, S225-S232.	2.9	93
11	Norovirus Infection and Acquired Immunity in 8 Countries: Results From the MAL-ED Study. Clinical Infectious Diseases, 2016, 62, 1210-1217.	2.9	84
12	Prevalence of enteroaggregative Escherichia coli and its virulence-related genes in a caseâ€“control study among children from north-eastern Brazil. Journal of Medical Microbiology, 2013, 62, 683-693.	0.7	79
13	Transcriptome Analysis in Venom Gland of the Predatory Giant Ant Dinoponera quadriceps: Insights into the Polypeptide Toxin Arsenal of Hymenopterans. PLoS ONE, 2014, 9, e87556.	1.1	64
14	Gingerol Fraction from Zingiber officinale Protects against Gentamicin-Induced Nephrotoxicity. Antimicrobial Agents and Chemotherapy, 2014, 58, 1872-1878.	1.4	62
15	Epidemiology of enteroaggregative Escherichia coli infections and associated outcomes in the MAL-ED birth cohort. PLoS Neglected Tropical Diseases, 2017, 11, e0005798.	1.3	58
16	Urinary N-methylnicotinamide and Î²-aminoisobutyric acid predict catch-up growth in undernourished Brazilian children. Scientific Reports, 2016, 6, 19780.	1.6	56
17	Renal and antibacterial effects induced by myotoxin I and II isolated from Bothrops jararacussu venom. Toxicon, 2005, 46, 376-386.	0.8	50
18	Update on molecular epidemiology of Shigella infection. Current Opinion in Gastroenterology, 2015, 31, 30-37.	1.0	49

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19	Renal toxicity of Bothrops moojeni snake venom and its main myotoxins. Toxicon, 2002, 40, 1427-1435.	0.8	47
20	Gastroprotective effect of heme-oxygenase 1/biliverdin/CO pathway in ethanol-induced gastric damage in mice. European Journal of Pharmacology, 2010, 642, 140-145.	1.7	47
21	Bothrops jararacussu snake venom-induces a local inflammatory response in a prostanoid- and neutrophil-dependent manner. Toxicon, 2014, 90, 134-147.	0.8	41
22	Epidemiology and Risk Factors for Cryptosporidiosis in Children From 8 Low-income Sites: Results From the MAL-ED Study. Clinical Infectious Diseases, 2018, 67, 1660-1669.	2.9	41
23	Comparisons between myeloperoxidase, lactoferrin, calprotectin and lipocalin-2, as fecal biomarkers of intestinal inflammation in malnourished children. Journal of Translational Science, 2016, 2, 134-139.	0.2	39
24	In vitroinhibition of oral streptococci binding to the acquired pellicle by algal lectins. Journal of Applied Microbiology, 2007, 103, 1001-1006.	1.4	38
25	Prevalence and virulence gene profiling of enteroaggregative Escherichia coli in malnourished and nourished Brazilian children. Diagnostic Microbiology and Infectious Disease, 2017, 89, 98-105.	0.8	38
26	In vitro inhibition of Streptococci binding to enamel acquired pellicle by Plant Lectins. Journal of Applied Microbiology, 2006, 101, 111-116.	1.4	36
27	Inhibition of Growth of Experimental Human Endometrial Cancer by an Antagonist of Growth Hormone-Releasing Hormone. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 3614-3621.	1.8	35
28	The renal effects of Bothrops jararacussu venom and the role of PLA2 and PAF blockers. Toxicon, 2001, 39, 1841-1846.	0.8	34
29	Determination of Crotalus durissus cascavella venom components that induce renal toxicity in isolated rat kidneys. Toxicon, 2002, 40, 1165-1171.	0.8	34
30	Renal and cardiovascular effects of Bothrops marajoensis venom and phospholipase A2. Toxicon, 2010, 55, 1061-1070.	0.8	34
31	Bothrops leucurus venom induces nephrotoxicity in the isolated perfused kidney and cultured renal tubular epithelia. Toxicon, 2013, 61, 38-46.	0.8	32
32	Enteroaggregative Escherichia coli Subclinical Infection and Coinfections and Impaired Child Growth in the MALâ€ED Cohort Study. Journal of Pediatric Gastroenterology and Nutrition, 2018, 66, 325-333.	0.9	32
33	A new C-type animal lectin isolated from Bothrops pirajai is responsible for the snake venom major effects in the isolated kidney. International Journal of Biochemistry and Cell Biology, 2005, 37, 130-141.	1.2	31
34	Campylobacter jejuni and Campylobacter coli in children from communities in Northeastern Brazil: molecular detection and relation to nutritional status. Diagnostic Microbiology and Infectious Disease, 2010, 67, 220-227.	0.8	31
35	Campylobacter jejuni infection and virulence-associated genes in children with moderate to severe diarrhoea admitted to emergency rooms in northeastern Brazil. Journal of Medical Microbiology, 2012, 61, 507-513.	0.7	31
36	Gingerol suppresses sepsis-induced acute kidney injury by modulating methylsulfonylmethane and dimethylamine production. Scientific Reports, 2018, 8, 12154.	1.6	31

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37	Etiology and severity of diarrheal diseases in infants at the semiarid region of Brazil: A case-control study. PLoS Neglected Tropical Diseases, 2019, 13, e0007154.	1.3	31
38	Vatairea Macrocarpa Lectin Induces Paw Edema With Leukocyte Infiltration.. Protein and Peptide Letters, 2004, 11, 195-200.	0.4	31
39	Renal effects of supernatant from rat peritoneal macrophages activated by microcystin-LR: role protein mediators. Toxicon, 2003, 41, 377-381.	0.8	30
40	Role of <scp>NMDA</scp> receptors in the trigeminal pathway, and the modulatory effect of magnesium in a model of rat temporomandibular joint arthritis. European Journal of Oral Sciences, 2013, 121, 573-583.	0.7	27
41	Intestinal permeability and inflammation mediate the association between nutrient density of complementary foods and biochemical measures of micronutrient status in young children: results from the MAL-ED study. American Journal of Clinical Nutrition, 2019, 110, 1015-1025.	2.2	27
42	Determinants of Campylobacter infection and association with growth and enteric inflammation in children under 2 years of age in low-resource settings. Scientific Reports, 2019, 9, 17124.	1.6	27
43	Structural and biological characterization of a crotapotin isoform isolated from Crotalus durissus cascavella venom. Toxicon, 2003, 42, 53-62.	0.8	23
44	Antimicrobial effect of Dinoponera quadriceps (Hymenoptera: Formicidae) venom against Staphylococcus aureus strains. Journal of Applied Microbiology, 2014, 117, 390-396.	1.4	23
45	Vatairea macrocarpa (Leguminosae) lectin activates cultured macrophages to release chemotactic mediators. Naunyn-Schmiedeberg's Archives of Pharmacology, 2007, 374, 275-282.	1.4	22
46	Effective treatment of experimental human non-Hodgkin's lymphomas with antagonists of growth hormone-releasing hormone. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 10628-10633.	3.3	21
47	Buck (Capra hircus) genes encode new members of the spermadhesin family. Molecular Reproduction and Development, 2008, 75, 8-16.	1.0	21
48	Genome-wide Analysis in Brazilians Reveals Highly Differentiated Native American Genome Regions. Molecular Biology and Evolution, 2017, 34, msw249.	3.5	21
49	Trypanocidal activity of mastoparan from Polybia paulista wasp venom by interaction with TcGAPDH. Toxicon, 2017, 137, 168-172.	0.8	21
50	Molecular characterization of virulence and antimicrobial resistance profile of Shigella species isolated from children with moderate to severe diarrhea in northeastern Brazil. Diagnostic Microbiology and Infectious Disease, 2018, 90, 198-205.	0.8	21
51	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
52	Early Life Child Micronutrient Status, Maternal Reasoning, and a Nurturing Household Environment have Persistent Influences on Child Cognitive Development at Age 5 years: Results from MAL-ED. Journal of Nutrition, 2019, 149, 1460-1469.	1.3	20
53	The combination of antagonists of LHRH with antagonists of GHRH improves inhibition of androgen sensitive MDAâ€PCaâ€2b and LuCaPâ€35 prostate cancers. Prostate, 2007, 67, 1339-1353.	1.2	19
54	CB1 and CB2 contribute to antinociceptive and anti-inflammatory effects of electroacupuncture on experimental arthritis of the rat temporomandibular joint. Canadian Journal of Physiology and Pharmacology, 2012, 90, 1479-1489.	0.7	19

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55	Enteroaggregative Escherichia coli subclinical and clinical infections. Current Opinion in Infectious Diseases, 2018, 31, 433-439.	1.3	19
56	Effects of Thalassophryne nattereri fish venom in isolated perfused rat kidney. Toxicon, 2003, 42, 509-514.	0.8	18
57	The Resin fromProtium heptaphyllumPrevents High-Fat Diet-Induced Obesity in Mice: Scientific Evidence and Potential Mechanisms. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-13.	0.5	17
58	The effects of the Brazilian antDinoponera quadriceps venom on chemically induced seizure models. Neurochemistry International, 2013, 63, 141-145.	1.9	16
59	Amyrins from Protium heptaphyllum Reduce High-Fat Diet-Induced Obesity in Mice via Modulation of Enzymatic, Hormonal And Inflammatory Responses. Planta Medica, 2017, 83, 285-291.	0.7	15
60	Microcystin-LR promote intestinal secretion of water and electrolytes in rats. Toxicon, 2004, 44, 555-559.	0.8	14
61	High-salt intake primes the rat kidney to respond to a subthreshold uroguanylin dose during ex vivo renal perfusion. Regulatory Peptides, 2009, 158, 6-13.	1.9	14
62	Isolation, homology modeling and renal effects of a C-type natriuretic peptide from the venom of the Brazilian yellow scorpion (Tityus serrulatus). Toxicon, 2013, 74, 19-26.	0.8	14
63	Correlation betweenEnterococcus faecalisBiofilms Development Stage and Quantitative Surface Roughness Using Atomic Force Microscopy. Microscopy and Microanalysis, 2008, 14, 150-158.	0.2	13
64	Goat milk with and without increased concentrations of lysozyme improves repair of intestinal cell damage induced by enteroaggregative Escherichia coli. BMC Gastroenterology, 2012, 12, 106.	0.8	13
65	Virulence-related genes are associated with clinical and nutritional outcomes of Shigella/Enteroinvasive Escherichia coli pathotype infection in children from Brazilian semiarid region: A community case-control study. International Journal of Medical Microbiology, 2019, 309, 151-158.	1.5	13
66	Full breastfeeding protection against common enteric bacteria and viruses: results from the MAL-ED cohort study. American Journal of Clinical Nutrition, 2022, 115, 759-769.	2.2	13
67	The role of indomethacin and tezosentan on renal effects induced by Bothrops moojeni Lys49 myotoxin I. Toxicon, 2006, 47, 831-837.	0.8	12
68	The Relaxation Induced by Uroguanylin and the Expression of Natriuretic Peptide Receptors in Human Corpora Cavernosa. Journal of Sexual Medicine, 2010, 7, 3610-3619.	0.3	12
69	Inhibitory effects of a standardized extract of Justicia pectoralis in an experimental rat model of airway hyper-responsiveness. Journal of Pharmacy and Pharmacology, 2017, 69, 722-732.	1.2	12
70	Isolation and Partial Characterisation of a Protein from Buck Seminal Plasma (Capra Hircus), Homologous to Spermadhesins. Protein and Peptide Letters, 2002, 9, 331-335.	0.4	12
71	Renal Alterations Promoted By The Lectins From Canavalia Ensiformis (Cona) And Dioclea Guianensis (Dguil) Seeds. Protein and Peptide Letters, 2003, 10, 191-197.	0.4	12
72	Campylobacter jejuni virulence genes and immune-inflammatory biomarkers association with growth impairment in children from Northeastern Brazil. European Journal of Clinical Microbiology and Infectious Diseases, 2018, 37, 2011-2020.	1.3	11

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73	Clinical evaluation, biochemistry and genetic polymorphism analysis for the diagnosis of lactose intolerance in a population from northeastern Brazil. Clinics, 2016, 71, 82-89.	0.6	10
74	Action of anti-bothropic factor isolated from Didelphis marsupialis on renal effects of Bothrops erythromelas venom. Toxicon, 2005, 46, 595-599.	0.8	9
75	Antinociceptive Effect of the Essential Oil Obtained from the Leaves ofCroton cordiifoliusBaill. (Euphorbiaceae) in Mice. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-7.	0.5	9
76	Bothrops erythromelas ( ) venom induces apoptosis on renal tubular epithelial cells. Toxicon, 2016, 118, 82-85.	0.8	9
77	Renal effects induced by the lectin from Vatairea macrocarpa seeds. Journal of Pharmacy and Pharmacology, 2010, 57, 1329-1333.	1.2	8
78	Expression of myo-inositol cotransporters in the sciatic nerve and dorsal root ganglia in experimental diabetes. Brazilian Journal of Medical and Biological Research, 2019, 52, e8589.	0.7	8
79	Detection of Enterobacteriaceae, antimicrobial susceptibility, and virulence genes of Escherichia coli in canaries (Serinus canaria) in northeastern Brazil. Pesquisa Veterinaria Brasileira, 2019, 39, 201-208.	0.5	8
80	Disorders on cardiovascular parameters in rats and in human blood cells caused by Lachesis acrochorda snake venom. Toxicon, 2020, 184, 180-191.	0.8	8
81	Renal Alterations Induced by the Venom of Colombian Scorpion Centruroides Margaritatus. Current Topics in Medicinal Chemistry, 2019, 19, 2049-2057.	1.0	8
82	Group a rotavirus and norovirus genotypes circulating in the northeastern Brazil in the post-monovalent vaccination era. Journal of Medical Virology, 2015, 87, 1480-1490.	2.5	7
83	Combination of different methods for detection of Campylobacter spp. in young children with moderate to severe diarrhea. Journal of Microbiological Methods, 2016, 128, 7-9.	0.7	7
84	Genetic Diversity of Norovirus Infections, Coinfections, and Undernutrition in Children From Brazilian Semiarid Region. Journal of Pediatric Gastroenterology and Nutrition, 2018, 67, e117-e122.	0.9	7
85	Evaluation of 16S rRNA qPCR for detection ofMycobacterium lepraeDNA in nasal secretion and skin biopsy samples from multibacillary and paucibacillary leprosy cases. Pathogens and Global Health, 2018, 112, 72-78.	1.0	6
86	Renal Effects Of The Lectin From Canavalia Brasiliensis Seeds. Protein and Peptide Letters, 2001, 8, 477-484.	0.4	6
87	Extracellular acidosis selectively inhibits pharmacomechanical coupling induced by carbachol in strips of rat gastric fundus. Experimental Physiology, 2017, 102, 1607-1618.	0.9	5
88	Antimicrobial susceptibility and diarrheagenic diagnosis of Escherichia coli and Salmonella enterica isolated from feral pigeons (Columba livia) captured in Fortaleza, Brazil. Pesquisa Veterinaria Brasileira, 2018, 38, 2150-2154.	0.5	5
89	Virulence-Related Genes and Coenteropathogens Associated with Clinical Outcomes of Enteropathogenic Escherichia coli Infections in Children from the Brazilian Semiarid Region: a Case-Control Study of Diarrhea. Journal of Clinical Microbiology, 2019, 57, .	1.8	5
90	Alanyl-glutamine protects the intestinal barrier function in trained rats against the impact of acute exhaustive exercise. Brazilian Journal of Medical and Biological Research, 2020, 53, e9211.	0.7	5

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91	Enteroaggregative <scp>E</scp>scherichia coli quantification in children stool samples using quantitative <scp>PCR</scp>. Apmis, 2013, 121, 643-651.	0.9	4
92	Moderate Physical Exercise Activates ATR2 Receptors, Improving Inflammation and Oxidative Stress in the Duodenum of 2K1C Hypertensive Rats. Frontiers in Physiology, 2021, 12, 734038.	1.3	4
93	Alanylâ€glutamine Protects Against Damage Induced by Enteroaggregative Escherichia coli Strains in Intestinal Cells. Journal of Pediatric Gastroenterology and Nutrition, 2019, 68, 190-198.	0.9	3
94	Intervention and Mechanisms of Alanylâ€glutamine for Inflammation, Nutrition, and Enteropathy. Journal of Pediatric Gastroenterology and Nutrition, 2020, 71, 393-400.	0.9	3
95	Role of cholecystokinin and oxytocin in slower gastric emptying induced by physical exercise in rats. Physiology and Behavior, 2021, 233, 113355.	1.0	3
96	BactÃ©rias zoonÃ³ticas isoladas de Passeriformes silvestres recuperados do trÃ¡fico de animais no estado do CearÃ¡/Brasil. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2019, 71, 1488-1496.	0.1	3
97	The effect of Cratylia floribunda lectin on renal hemodynamics and ion transport. Brazilian Journal of Pharmaceutical Sciences, 2015, 51, 755-761.	1.2	2
98	Comparison of early cardiovascular risk among Brazilian and African university students. Clinical Biochemistry, 2020, 75, 7-14.	0.8	2
99	Escherichia coli and Salmonella ser. Saintpaul natural co-infection in a free-living ruddy ground dove (Columbina talpacoti): a case report. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2017, 69, 1236-1242.	0.1	1
100	Influences on catch-up growth using relative versus absolute metrics: evidence from the MAL-ED cohort study. BMC Public Health, 2021, 21, 1246.	1.2	1
101	Detection of SARSâ€CoVâ€2 in Different Human Biofluids Using the Loopâ€Mediated Isothermal Amplification Assay: A Prospective Diagnostic Study in Fortaleza, Brazil. Journal of Medical Virology, 2022, , .	2.5	1
102	Retinoids delay cell cycle progression and promote differentiation of intestinal epithelial cells exposed to nutrient deprivation. Nutrition, 2021, 85, 111087.	1.1	0
103	Rotavirus A Infections in Community Childhood Diarrhea in the Brazilian Semiarid Region During Postvaccination Era. Journal of Pediatric Gastroenterology and Nutrition, 2019, 69, e91-e98.	0.9	0
104	Acute Strength Exercise Decreases Satiety by Modifying Blood Cytokines Levels in Physically Active Men. Motriz Revista De Educacao Fisica, 2020, 26, .	0.3	0