

Gabriel A Trueba

List of Publications by Year in descending order

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Version: 2024-02-01

116
papers

2,817
citations

186265

28
h-index

223800

46
g-index

140
all docs

140
docs citations

140
times ranked

4526
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of acid rock drainage using a sulphate-reducing bioreactor with a limestone precolumn. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 185-196.	2.2	6
2	Dynamics of Microbial Communities during the Removal of Copper and Zinc in a Sulfate-Reducing Bioreactor with a Limestone Pre-Column System. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1484.	2.6	1
3	First detection of SARS-CoV-2 variant B.1.1.529 (Omicron) in Ecuador. <i>New Microbes and New Infections</i> , 2022, 45, 100951.	1.6	6
4	Achieving high immunogenicity against poliovirus with fractional doses of inactivated poliovirus vaccine in Ecuador-results from a cross-sectional serological survey. <i>The Lancet Regional Health Americas</i> , 2022, 11, 100235.	2.6	3
5	Risk factors for third-generation cephalosporin-resistant and extended-spectrum β -lactamase-producing <i>Escherichia coli</i> carriage in domestic animals of semirural parishes east of Quito, Ecuador. <i>PLOS Global Public Health</i> , 2022, 2, e0000206.	1.6	4
6	A longitudinal study of dominant <i>E. coli</i> lineages and antimicrobial resistance in the gut of children living in an upper middle-income country. <i>Journal of Global Antimicrobial Resistance</i> , 2022, 29, 136-140.	2.2	3
7	The impact of genetic recombination on pathogenic <i>Leptospira</i> . <i>Infection, Genetics and Evolution</i> , 2022, 102, 105313.	2.3	3
8	Characterization of <i>KPC-2</i> -Harboring <i>Klebsiella pneumoniae</i> Isolates and Mobile Genetic Elements from Outbreaks in a Hospital in Ecuador. <i>Microbial Drug Resistance</i> , 2021, 27, 752-759.	2.0	6
9	A case of SARS-CoV-2 reinfection in Ecuador. <i>Lancet Infectious Diseases</i> , The, 2021, 21, e142.	9.1	72
10	<i>Leptospira</i> in river and soil in a highly endemic area of Ecuador. <i>BMC Microbiology</i> , 2021, 21, 17.	3.3	16
11	SARS-CoV-2 detection and sequencing in heart tissue associated with myocarditis and persistent arrhythmia: A case report. <i>IDCases</i> , 2021, 25, e01187.	0.9	4
12	Caretaker knowledge, attitudes, and practices (KAP) and carriage of extended-spectrum beta-lactamase-producing <i>E. coli</i> (ESBL-EC) in children in Quito, Ecuador. <i>Antimicrobial Resistance and Infection Control</i> , 2021, 10, 2.	4.1	6
13	Environmental Spread of Extended Spectrum Beta-Lactamase (ESBL) Producing <i>Escherichia coli</i> and ESBL Genes among Children and Domestic Animals in Ecuador. <i>Environmental Health Perspectives</i> , 2021, 129, 27007.	6.0	43
14	Programa de Telesalud para pacientes cr3nicos de sectores rurales de Pichincha: prevenci3n y promoci3n en salud en 3poca de pandemia por Covid-19. <i>Ensayo. Esferas</i> , 2021, 2, 32.	0.0	0
15	Gut Microbiome Changes with Acute Diarrheal Disease in Urban Versus Rural Settings in Northern Ecuador. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 104, 2275-2285.	1.4	7
16	Genomic epidemiology of SARS-CoV-2 transmission lineages in Ecuador. <i>Virus Evolution</i> , 2021, 7, veab051.	4.9	14
17	Adapting Rapid Diagnostic Tests to Detect Historical Dengue Virus Infections. <i>Frontiers in Immunology</i> , 2021, 12, 703887.	4.8	9
18	<i>Pseudomonas aeruginosa</i> transition from environmental generalist to human pathogen. <i>Avances En Ciencias E IngenierAs</i> , 2021, 13, 11.	0.1	0

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19	DNA Multi-Marker Genotyping and CIAS Morphometric Phenotyping of <i>Fasciola gigantica</i> -Sized Flukes from Ecuador, with an Analysis of the Radix Absence in the New World and the Evolutionary Lymnaeid Snail Vector Filter. <i>Animals</i> , 2021, 11, 2495.	2.3	10
20	A dengue outbreak in a rural community in Northern Coastal Ecuador: An analysis using unmanned aerial vehicle mapping. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009679.	3.0	11
21	Social and Environmental Determinants of Community-Acquired Antimicrobial-Resistant <i>Escherichia coli</i> in Children Living in Semirural Communities of Quito, Ecuador. <i>American Journal of Tropical Medicine and Hygiene</i> , 2021, 105, 600-610.	1.4	7
22	Extended-Spectrum Beta-Lactamase Producing- <i>Escherichia coli</i> Isolated From Irrigation Waters and Produce in Ecuador. <i>Frontiers in Microbiology</i> , 2021, 12, 709418.	3.5	16
23	Gut microbiome, enteric infections and child growth across a rural-urban gradient: protocol for the ECoMiD prospective cohort study. <i>BMJ Open</i> , 2021, 11, e046241.	1.9	7
24	Removal of antimicrobial prophylaxis and its effect on swine carriage of antimicrobial-resistant coliforms. <i>Science Progress</i> , 2021, 104, 368504211050279.	1.9	2
25	First report of a clinical isolate of blaOXA-48- carbapenemase producing <i>Raoultella ornithinolytica</i> in South America. <i>Revista Argentina De Microbiologia</i> , 2020, 52, 82-83.	0.7	6
26	Household coping strategies associated with unreliable water supplies and diarrhea in Ecuador, an upper-middle-income country. <i>Water Research</i> , 2020, 170, 115269.	11.3	12
27	Diverse <i>Escherichia coli</i> lineages from domestic animals carrying colistin resistance gene <i>mcr-1</i> in an Ecuadorian household. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 22, 63-67.	2.2	16
28	Evolutionary changes of an intestinal <i>Lactobacillus reuteri</i> during probiotic manufacture. <i>MicrobiologyOpen</i> , 2020, 9, e972.	3.0	3
29	<i>Salmonella</i> grows massively and aerobically in chicken faecal matter. <i>Microbial Biotechnology</i> , 2020, 13, 1678-1684.	4.2	7
30	Metagenome of a Bronchoalveolar Lavage Fluid Sample from a Confirmed COVID-19 Case in Quito, Ecuador, Obtained Using Oxford Nanopore MinION Technology. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	0
31	Factors Obscuring the Role of <i>E. coli</i> from Domestic Animals in the Global Antimicrobial Resistance Crisis: An Evidence-Based Review. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3061.	2.6	34
32	Oropouche virus cases identified in Ecuador using an optimised qRT-PCR informed by metagenomic sequencing. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0007897.	3.0	10
33	Evolutionary Dynamics of Oropouche Virus in South America. <i>Journal of Virology</i> , 2020, 94, .	3.4	17
34	Population structure and genetic diversity of <i>Mycobacterium tuberculosis</i> in Ecuador. <i>Scientific Reports</i> , 2020, 10, 6237.	3.3	14
35	Mobile genetic elements associated with carbapenemase genes in South American Enterobacterales. <i>Brazilian Journal of Infectious Diseases</i> , 2020, 24, 231-238.	0.6	27
36	Spatial Exposure of Agricultural Antimicrobial Resistance in Relation to Free-Ranging Domestic Chicken Movement Patterns among Agricultural Communities in Ecuador. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 1803-1809.	1.4	7

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37	Determinants of Childhood Zoonotic Enteric Infections in a Semirural Community of Quito, Ecuador. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 102, 1269-1278.	1.4	6
38	Title is missing!. , 2020, 14, e0007897.		0
39	Title is missing!. , 2020, 14, e0007897.		0
40	Title is missing!. , 2020, 14, e0007897.		0
41	Changes in dominant <i>Escherichia coli</i> and antimicrobial resistance after 24Âhr in fecal matter. <i>MicrobiologyOpen</i> , 2019, 8, e00643.	3.0	12
42	Metagenomic Signatures of Gut Infections Caused by Different <i>Escherichia coli</i> Pathotypes. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	33
43	Diverse Commensal <i>Escherichia coli</i> Clones and Plasmids Disseminate Antimicrobial Resistance Genes in Domestic Animals and Children in a Semirural Community in Ecuador. <i>MSphere</i> , 2019, 4, .	2.9	45
44	Prevalence, Drug Resistance, and Genotypic Diversity of the <i>Mycobacterium tuberculosis</i> Beijing Family in Ecuador. <i>Microbial Drug Resistance</i> , 2019, 25, 931-937.	2.0	10
45	NDM-1 carbapenemase in <i>Acinetobacter baumannii</i> sequence type 32 in Ecuador. <i>New Microbes and New Infections</i> , 2019, 29, 100526.	1.6	11
46	Impacts of small-scale chicken farming activity on antimicrobial-resistant <i>Escherichia coli</i> carriage in backyard chickens and children in rural Ecuador. <i>One Health</i> , 2019, 8, 100112.	3.4	17
47	Locals get travellersâ€™ diarrhoea too: risk factors for diarrhoeal illness and pathogenic <i>Escherichia coli</i> infection across an urbanâ€rural gradient in Ecuador. <i>Tropical Medicine and International Health</i> , 2019, 24, 205-219.	2.3	11
48	High Prevalence of Extended-Spectrum Beta-Lactamase CTX-Mâ€Producing <i>Escherichia coli</i> in Small-Scale Poultry Farming in Rural Ecuador. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 100, 374-376.	1.4	20
49	Country-wide rapid screening for the <i>Mycobacterium tuberculosis</i> Beijing sublineage in Ecuador using a single-nucleotide polymorphism-polymerase chain reaction method. <i>International Journal of Mycobacteriology</i> , 2019, 8, 366.	0.6	2
50	Construcci3n y operaci3n de una c3mara anaer3bica de bajo costo para la siembra y el cultivo de bacterias sulfato reductoras. <i>Avances En Ciencias E Ingenier3as</i> , 2019, 11, .	0.1	1
51	The Role of Mobile Genetic Elements in the Spread of Antimicrobial-Resistant <i>Escherichia coli</i> From Chickens to Humans in Small-Scale Production Poultry Operations in Rural Ecuador. <i>American Journal of Epidemiology</i> , 2018, 187, 558-567.	3.4	39
52	Antibiotic Resistome Associated with Small-Scale Poultry Production in Rural Ecuador. <i>Environmental Science & Technology</i> , 2018, 52, 8165-8172.	10.0	40
53	Isolation of Oropouche Virus from Febrile Patient, Ecuador. <i>Emerging Infectious Diseases</i> , 2018, 24, 935-937.	4.3	21
54	Dengue Serotype Differences in Urban and Semi-rural Communities in Ecuador. <i>Avances En Ciencias E Ingenier3as</i> , 2018, 10, .	0.1	4

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55	First Complete Genome Sequences of Zika Virus Isolated from Febrile Patient Sera in Ecuador. <i>Genome Announcements</i> , 2017, 5, .	0.8	5
56	PUP MORTALITY AND EVIDENCE FOR PATHOGEN EXPOSURE IN GALAPAGOS SEA LIONS (<i>ZALOPHUS</i>) Tj ETQq0 0 0 rgBT /Overlock 10 53, 491-498.	0.8	22
57	Parasites dominate hyperdiverse soil protist communities in Neotropical rainforests. <i>Nature Ecology and Evolution</i> , 2017, 1, 91.	7.8	262
58	<i>Campylobacter fetus</i> Bacteremia in a Healthy Patient Returning from a Trip to the Ecuadorian Amazonia. <i>Zoonoses and Public Health</i> , 2017, 64, 391-393.	2.2	3
59	Molecular phylogeny of 42 species of <i>Culicoides</i> (Diptera, Ceratopogonidae) from three continents. <i>Parasite</i> , 2017, 24, 23.	2.0	31
60	First case of New Delhi metallo- β -lactamase in <i>Klebsiella pneumoniae</i> from Ecuador: An update for South America. <i>International Journal of Infectious Diseases</i> , 2017, 65, 119-121.	3.3	17
61	Small-Scale Food Animal Production and Antimicrobial Resistance: Mountain, Molehill, or Something in-between?. <i>Environmental Health Perspectives</i> , 2017, 125, 104501.	6.0	43
62	Response to the letter to the editor. <i>Journal of Medical Virology</i> , 2016, 88, 2022-2022.	5.0	0
63	Antibiotic Resistance in Animal and Environmental Samples Associated with Small-Scale Poultry Farming in Northwestern Ecuador. <i>MSphere</i> , 2016, 1, .	2.9	57
64	Hyperendemic <i>Campylobacter jejuni</i> in guinea pigs (<i>Cavia porcellus</i>) raised for food in a semi-rural community of Quito, Ecuador. <i>Environmental Microbiology Reports</i> , 2016, 8, 382-387.	2.4	11
65	Detection of Zoonotic Enteropathogens in Children and Domestic Animals in a Semirural Community in Ecuador. <i>Applied and Environmental Microbiology</i> , 2016, 82, 4218-4224.	3.1	59
66	Draft Genome Sequence of the First Pathogenic <i>Leptospira</i> Isolates from Ecuador. <i>Genome Announcements</i> , 2016, 4, .	0.8	5
67	Prevalence of human papillomavirus types in cervical cancerous and precancerous lesions of Ecuadorian women. <i>Journal of Medical Virology</i> , 2016, 88, 144-152.	5.0	19
68	Antimicrobials: a global alliance for optimizing their rational use in intra-abdominal infections (AGORA). <i>World Journal of Emergency Surgery</i> , 2016, 11, 33.	5.0	130
69	Distribution of Enteroinvasive and Enterotoxigenic <i>Escherichia coli</i> Across Space and Time in Northwestern Ecuador. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 94, 276-284.	1.4	8
70	The Role of the Microbiome in the Relationship of Asthma and Affective Disorders. <i>Advances in Experimental Medicine and Biology</i> , 2016, 874, 263-288.	1.6	8
71	High <i>Leptospira</i> Diversity in Animals and Humans Complicates the Search for Common Reservoirs of Human Disease in Rural Ecuador. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004990.	3.0	44
72	Bacteria associated with human saliva are major microbial components of Ecuadorian indigenous beers (<i>chicha</i>). <i>PeerJ</i> , 2016, 4, e1962.	2.0	21

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73	High Prevalence of Intermediate Leptospira spp. DNA in Febrile Humans from Urban and Rural Ecuador. <i>Emerging Infectious Diseases</i> , 2015, 21, 2141-2147.	4.3	51
74	Spatial Variability of <i>Escherichia coli</i> in Rivers of Northern Coastal Ecuador. <i>Water (Switzerland)</i> , 2015, 7, 818-832.	2.7	22
75	Author's responses to the comment by Daniele Lantagne on "Household effectiveness vs. laboratory efficacy of point-of-use chlorination". <i>Water Research</i> , 2015, 69, 331-333.	11.3	0
76	Effects of Selection Pressure and Genetic Association on the Relationship between Antibiotic Resistance and Virulence in <i>Escherichia coli</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 6733-6740.	3.2	38
77	Unexpected distribution of the fluoroquinolone-resistance gene <i>qnrB</i> in <i>Escherichia coli</i> isolates from different human and poultry origins in Ecuador. <i>International Microbiology</i> , 2015, 18, 85-90.	2.4	9
78	El rol de la respiración aeróbica en el ciclo de vida de <i>Escherichia coli</i> : Implicaciones para la salud pública. <i>Avances En Ciencias E Ingenierías</i> , 2015, 7, .	0.1	0
79	Healthcare-associated respiratory tract infection and colonization in an intensive care unit caused by <i>Burkholderia cepacia</i> isolated in mouthwash. <i>International Journal of Infectious Diseases</i> , 2014, 29, 96-99.	3.3	29
80	Identifying Etiological Agents Causing Diarrhea in Low Income Ecuadorian Communities. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 91, 563-569.	1.4	43
81	Brucellosis in Dairy Cattle and Goats in Northern Ecuador. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 90, 712-715.	1.4	14
82	Impact of Rainfall on Diarrheal Disease Risk Associated with Unimproved Water and Sanitation. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 90, 705-711.	1.4	61
83	Household effectiveness vs. laboratory efficacy of point-of-use chlorination. <i>Water Research</i> , 2014, 54, 69-77.	11.3	43
84	The Origin of Human Pathogens. , 2014, , 3-11.		0
85	<i>Escherichia coli</i> O157:H7 in Ecuador: Animal Reservoirs, Yet No Human Disease. <i>Vector-Borne and Zoonotic Diseases</i> , 2013, 13, 295-298.	1.5	4
86	Transition in the Cause of Fever from Malaria to Dengue, Northwestern Ecuador, 1990-2011. <i>Emerging Infectious Diseases</i> , 2013, 19, 1642-1645.	4.3	17
87	<i>Staphylococcus aureus</i> outbreak in the intensive care unit of the largest public hospital in Quito, Ecuador. <i>International Microbiology</i> , 2013, 16, 81-6.	2.4	2
88	In-roads to the spread of antibiotic resistance: regional patterns of microbial transmission in northern coastal Ecuador. <i>Journal of the Royal Society Interface</i> , 2012, 9, 1029-1039.	3.4	25
89	Synergistic Effects Between Rotavirus and Coinfecting Pathogens on Diarrheal Disease: Evidence from a Community-based Study in Northwestern Ecuador. <i>American Journal of Epidemiology</i> , 2012, 176, 387-395.	3.4	98
90	Bhavnani et al. Respond to "Assessing Mechanistic Interaction". <i>American Journal of Epidemiology</i> , 2012, 176, 400-401.	3.4	0

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91	A study of a population of <i>Nyssomyia trapidoi</i> (Diptera: Psychodidae) caught on the Pacific coast of Ecuador. <i>Parasites and Vectors</i> , 2012, 5, 144.	2.5	16
92	Many Neglected Tropical Diseases May Have Originated in the Paleolithic or Before: New Insights from Genetics. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1393.	3.0	22
93	<i>Plesiomonas shigelloides</i> Infection, Ecuador, 2004–2008. <i>Emerging Infectious Diseases</i> , 2012, 18, 322-324.	4.3	23
94	Morphometric and molecular characterization of the series <i>Guyanensis</i> (Diptera, Psychodidae.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62</i> . <i>Genetics and Evolution</i> , 2012, 12, 966-977.	2.3	11
95	Interactions of <i>Leptospira</i> with Environmental Bacteria from Surface Water. <i>Current Microbiology</i> , 2011, 62, 1802-1806.	2.2	48
96	Characterization of a lipopolysaccharide mutant of <i>Leptospira</i> derived by growth in the presence of an anti-lipopolysaccharide monoclonal antibody. <i>FEMS Microbiology Letters</i> , 2010, 309, no-no.	1.8	2
97	Characterization of novel VP7, VP4, and VP6 genotypes of a previously untypeable group A rotavirus. <i>Virology</i> , 2009, 385, 58-67.	2.4	105
98	Rapid changes in rotaviral genotypes in Ecuador. <i>Journal of Medical Virology</i> , 2009, 81, 2109-2113.	5.0	15
99	Microbial community composition in petroleum-contaminated and uncontaminated soil from Francisco de Orellana, in the northern Ecuadorian Amazon. <i>International Microbiology</i> , 2008, 11, 121-6.	2.4	6
100	Symptomatic and Subclinical Infection with Rotavirus P[8]G9, Rural Ecuador. <i>Emerging Infectious Diseases</i> , 2007, 13, 574-580.	4.3	21
101	HIGH PREVALENCE OF ENTEROINVASIVE ESCHERICHIA COLI ISOLATED IN A REMOTE REGION OF NORTHERN COASTAL ECUADOR. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 76, 528-533.	1.4	43
102	High prevalence of enteroinvasive <i>Escherichia coli</i> isolated in a remote region of northern coastal Ecuador. <i>American Journal of Tropical Medicine and Hygiene</i> , 2007, 76, 528-33.	1.4	31
103	Epidemiological interpretation of fingerprinting profiles from leptospiral isolates. <i>Letters in Applied Microbiology</i> , 2006, 42, 432-432.	2.2	0
104	Environmental change and infectious disease: How new roads affect the transmission of diarrheal pathogens in rural Ecuador. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 19460-19465.	7.1	117
105	Characterization of IS1501 mutants of <i>Leptospira interrogans</i> serovar pomona. <i>FEMS Microbiology Letters</i> , 2005, 248, 199-205.	1.8	6
106	Cell aggregation: a mechanism of pathogenic <i>Leptospira</i> to survive in fresh water. <i>International Microbiology</i> , 2004, 7, 35-40.	2.4	116
107	Detection of Dengue Virus Neutralizing Antibodies in Bats from Costa Rica and Ecuador. <i>Journal of Medical Entomology</i> , 2000, 37, 965-967.	1.8	50
108	Detection of <i>Fasciola hepatica</i> infection in a community located in the Ecuadorian Andes.. <i>American Journal of Tropical Medicine and Hygiene</i> , 2000, 62, 518-518.	1.4	22

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109	A cheA cheW operon in Borrelia burgdorferi, the agent of Lyme disease. Research in Microbiology, 1997, 148, 191-200.	2.1	10
110	Random Primed Gene Walking PCR: A Simple Procedure to Retrieve Nucleotide Fragments Adjacent to Known DNA Sequences. BioTechniques, 1996, 21, 20.	1.8	22
111	Cloning of the pfaP gene of Leptospira borgpetersenii. Gene, 1995, 160, 133-134.	2.2	2
112	Characterization of the periplasmic flagellum proteins of Leptospira interrogans. Journal of Bacteriology, 1992, 174, 4761-4768.	2.2	42
113	Characterization of outer membrane and secreted proteins of Leptospira interrogans serovar pomona. Microbial Pathogenesis, 1991, 10, 311-322.	2.9	74
114	Evaluation of an Enzyme Immunoassay for Diagnosis of Bovine Leptospirosis Caused by <i>Leptospira Interrogans</i> Serovar <i>Hardjo</i> Type Hardjo-Bovis. Journal of Veterinary Diagnostic Investigation, 1990, 2, 323-329.	1.1	21
115	COVID-19 Re-Infection by a Phylogenetically Distinct SARS-CoV-2 Variant, First Confirmed Event in South America.. SSRN Electronic Journal, 0, , .	0.4	69
116	Achieving High Immunogenicity Against Poliovirus With Fractional Doses of Inactivated Poliovirus Vaccine in Ecuador. SSRN Electronic Journal, 0, , .	0.4	0