

Peter Rohloff

List of Publications by Year in descending order

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Version: 2024-02-01

117
papers

7,464
citations

201385

27
h-index

62479

80
g-index

121
all docs

121
docs citations

121
times ranked

7403
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Burden of Cardiovascular Diseases and Risk Factors, 1990–2019. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2982-3021.	1.2	4,468
2	Polyphosphate modulates blood coagulation and fibrinolysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 903-908.	3.3	487
3	Acidocalcisomes ? conserved from bacteria to man. <i>Nature Reviews Microbiology</i> , 2005, 3, 251-261.	13.6	396
4	Characterization of a novel organelle in <i>Toxoplasma gondii</i> with similar composition and function to the plant vacuole. <i>Molecular Microbiology</i> , 2010, 76, 1358-1375.	1.2	152
5	Regulatory volume decrease in <i>Trypanosoma cruzi</i> involves amino acid efflux and changes in intracellular calcium. <i>Molecular and Biochemical Parasitology</i> , 2003, 126, 219-230.	0.5	117
6	The state of diabetes treatment coverage in 55 low-income and middle-income countries: a cross-sectional study of nationally representative, individual-level data in 680%102 adults. <i>The Lancet Healthy Longevity</i> , 2021, 2, e340-e351.	2.0	108
7	Acidocalcisomes and the Contractile Vacuole Complex Are Involved in Osmoregulation in <i>Trypanosoma cruzi</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 52270-52281.	1.6	104
8	A Functional Aquaporin Co-Localizes with the Vacuolar Proton Pyrophosphatase to Acidocalcisomes and the Contractile Vacuole Complex of <i>Trypanosoma cruzi</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 38673-38682.	1.6	103
9	Identification of Contractile Vacuole Proteins in <i>Trypanosoma cruzi</i> . <i>PLoS ONE</i> , 2011, 6, e18013.	1.1	69
10	A contractile vacuole complex is involved in osmoregulation in <i>Trypanosoma cruzi</i> . <i>Experimental Parasitology</i> , 2008, 118, 17-24.	0.5	68
11	Wearables for Pediatric Rehabilitation: How to Optimally Design and Use Products to Meet the Needs of Users. <i>Physical Therapy</i> , 2019, 99, 647-657.	1.1	62
12	Ablation of a small transmembrane protein of <i>Trypanosoma brucei</i> (TbVTC1) involved in the synthesis of polyphosphate alters acidocalcisome biogenesis and function, and leads to a cytokinesis defect. <i>Biochemical Journal</i> , 2007, 407, 161-170.	1.7	59
13	<i>Trypanosoma brucei</i> Plasma Membrane-Type Ca ²⁺ -ATPase 1 (TbPMC1) and 2 (TbPMC2) Genes Encode Functional Ca ²⁺ -ATPases Localized to the Acidocalcisomes and Plasma Membrane, and Essential for Ca ²⁺ Homeostasis and Growth. <i>Journal of Biological Chemistry</i> , 2004, 279, 14427-14439.	1.6	56
14	Mixed-methods study identifies key strategies for improving infant and young child feeding practices in a highly stunted rural indigenous population in Guatemala. <i>Maternal and Child Nutrition</i> , 2016, 12, 262-277.	1.4	48
15	Adaptor Protein-3 (AP-3) Complex Mediates the Biogenesis of Acidocalcisomes and Is Essential for Growth and Virulence of <i>Trypanosoma brucei</i> *. <i>Journal of Biological Chemistry</i> , 2011, 286, 36619-36630.	1.6	43
16	Role for a P-type H ⁺ -ATPase in the acidification of the endocytic pathway of <i>Trypanosoma cruzi</i> . <i>Biochemical Journal</i> , 2005, 392, 467-474.	1.7	42
17	Characterization of Isolated Acidocalcisomes from <i>Toxoplasma gondii</i> Tachyzoites Reveals a Novel Pool of Hydrolyzable Polyphosphate. <i>Journal of Biological Chemistry</i> , 2002, 277, 48650-48656.	1.6	41
18	Use of statins for the prevention of cardiovascular disease in 41 low-income and middle-income countries: a cross-sectional study of nationally representative, individual-level data. <i>The Lancet Global Health</i> , 2022, 10, e369-e379.	2.9	41

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19	mHealth intervention to improve the continuum of maternal and perinatal care in rural Guatemala: a pragmatic, randomized controlled feasibility trial. <i>Reproductive Health</i> , 2018, 15, 120.	1.2	40
20	Calcium Uptake and Proton Transport by Acidocalcisomes of <i>Toxoplasma gondii</i> . <i>PLoS ONE</i> , 2011, 6, e18390.	1.1	36
21	A Solanesyl-diphosphate Synthase Localizes in Glycosomes of <i>Trypanosoma cruzi</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 39339-39348.	1.6	35
22	Indigenous languages and global health. <i>The Lancet Global Health</i> , 2018, 6, e134-e135.	2.9	35
23	The changing role of indigenous lay midwives in Guatemala: New frameworks for analysis. <i>Midwifery</i> , 2013, 29, 852-858.	1.0	34
24	Characterization of Farnesylated Protein Tyrosine Phosphatase TcPRL-1 from <i>Trypanosoma cruzi</i> . <i>Eukaryotic Cell</i> , 2005, 4, 1550-1561.	3.4	33
25	Overexpression of a Zn ²⁺ -sensitive Soluble Exopolyphosphatase from <i>Trypanosoma cruzi</i> Depletes Polyphosphate and Affects Osmoregulation. <i>Journal of Biological Chemistry</i> , 2007, 282, 32501-32510.	1.6	33
26	An mHealth monitoring system for traditional birth attendant-led antenatal risk assessment in rural Guatemala. <i>Journal of Medical Engineering and Technology</i> , 2016, 40, 356-371.	0.8	33
27	Determining adult type 2 diabetes-related health care needs in an indigenous population from rural Guatemala: a mixed-methods preliminary study. <i>BMC Health Services Research</i> , 2012, 12, 476.	0.9	30
28	Obstetric care navigation: a new approach to promote respectful maternity care and overcome barriers to safe motherhood. <i>Reproductive Health</i> , 2017, 14, 148.	1.2	30
29	"Beyond Development": A Critical Appraisal of the Emergence of Small Health Care Non-Governmental Organizations in Rural Guatemala. <i>Human Organization</i> , 2011, 70, 427-437.	0.2	28
30	Development, language revitalization, and culture. <i>Culture and Language Use</i> , 0, , 177-194.	0.2	26
31	Major challenges to scale up of visual inspection-based cervical cancer prevention programs: the experience of Guatemalan NGOs. <i>Global Health, Science and Practice</i> , 2014, 2, 307-317.	0.6	25
32	Health system interventions for adults with type 2 diabetes in low- and middle-income countries: A systematic review and meta-analysis. <i>PLoS Medicine</i> , 2020, 17, e1003434.	3.9	24
33	The Normalization of Childhood Disease: An Ethnographic Study of Child Malnutrition in Rural Guatemala. <i>Human Organization</i> , 2013, 72, 87-97.	0.2	22
34	Mobile Technologies and Cervical Cancer Screening in Low- and Middle-Income Countries: A Systematic Review. <i>JCO Global Oncology</i> , 2020, 6, 617-627.	0.8	22
35	Ammonium production during hypo-osmotic stress leads to alkalinization of acidocalcisomes and cytosolic acidification in <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 2006, 150, 249-255.	0.5	21
36	Barriers to Cervical Cancer Screening and the Cervical Cancer Care Continuum in Rural Guatemala: A Mixed-Method Analysis. <i>Journal of Global Oncology</i> , 2018, 4, 1-10.	0.5	20

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37	Accompanying indigenous Maya patients with complex medical needs: A patient navigation system in rural Guatemala. <i>Healthcare</i> , 2018, 6, 144-149.	0.6	19
38	Complementary feeding intervention on stunted Guatemalan children: a randomised controlled trial. <i>BMJ Paediatrics Open</i> , 2018, 2, e000213.	0.6	19
39	Navigating Bureaucracy: Accompanying Indigenous Maya Patients with Complex Health Care Needs in Guatemala. <i>Human Organization</i> , 2016, 75, 305-314.	0.2	18
40	Challenges in the provision of kidney care at the largest public nephrology center in Guatemala: a qualitative study with health professionals. <i>BMC Nephrology</i> , 2020, 21, 71.	0.8	18
41	Perceptions and utilization of generic medicines in Guatemala: a mixed-methods study with physicians and pharmacy staff. <i>BMC Health Services Research</i> , 2017, 17, 27.	0.9	17
42	Exploring mechanisms of food insecurity in indigenous agricultural communities in Guatemala: a mixed methods study. <i>BMC Nutrition</i> , 2016, 2, .	0.6	16
43	A Home-Based Type 2 Diabetes Self-Management Intervention in Rural Guatemala. <i>Preventing Chronic Disease</i> , 2017, 14, E65.	1.7	16
44	Improving the Quality of Point of Care Diagnostics with Real-Time Machine Learning in Low Literacy LMIC Settings. , 2018, , .		16
45	An open source autocorrelation-based method for fetal heart rate estimation from one-dimensional Doppler ultrasound. <i>Physiological Measurement</i> , 2019, 40, 025005.	1.2	16
46	Obstetric care navigation: results of a quality improvement project to provide accompaniment to women for facility-based maternity care in rural Guatemala. <i>BMJ Quality and Safety</i> , 2020, 29, 169-178.	1.8	16
47	Cultural considerations for informed consent in paediatric research in low/middle-income countries: a scoping review. <i>BMJ Paediatrics Open</i> , 2018, 2, e000298.	0.6	13
48	Agile Development of a Smartphone App for Perinatal Monitoring in a Resource-Constrained Setting. <i>Journal of Health Informatics in Developing Countries</i> , 2017, 11, .	2.0	13
49	Chronic Malnutrition, Breastfeeding, and Ready To Use Supplementary Food in a Guatemalan Maya Town. <i>Human Organization</i> , 2014, 73, 72-81.	0.2	12
50	Insights into Global Health Practice from the Agile Software Development Movement. <i>Global Health Action</i> , 2016, 9, 29836.	0.7	12
51	Rural-Urban Differences in Diabetes Care and Control in 42 Low- and Middle-Income Countries: A Cross-sectional Study of Nationally Representative Individual-Level Data. <i>Diabetes Care</i> , 2022, 45, 1961-1970.	4.3	12
52	A Patient Navigation System to Minimize Barriers for Peritoneal Dialysis in Rural, Low-Resource Settings: Case Study From Guatemala. <i>Kidney International Reports</i> , 2017, 2, 762-765.	0.4	11
53	Implementation and Outcomes of a Comprehensive Type 2 Diabetes Program in Rural Guatemala. <i>PLoS ONE</i> , 2016, 11, e0161152.	1.1	11
54	Correlates of long-acting reversible contraception uptake among rural women in Guatemala. <i>PLoS ONE</i> , 2018, 13, e0199536.	1.1	10

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55	Advancing child nutrition science in the scaling up nutrition era: a systematic scoping review of stunting research in Guatemala. <i>BMJ Paediatrics Open</i> , 2019, 3, e000571.	0.6	10
56	Implications of gender and household roles in Indigenous Maya communities in Guatemala for child nutrition interventions. <i>International Journal of Indigenous Health</i> , 2014, 10, 100-113.	0.8	10
57	Fertility Awareness Methods Are Not Modern Contraceptives: Defining Contraception to Reflect Our Priorities. <i>Global Health, Science and Practice</i> , 2016, 4, 342-345.	0.6	9
58	Impact of school and work status on diet and physical activity in rural Guatemalan adolescent girls: a qualitative study. <i>Annals of the New York Academy of Sciences</i> , 2020, 1468, 16-24.	1.8	9
59	Population Estimates of GFR and Risk Factors for CKD in Guatemala. <i>Kidney International Reports</i> , 2021, 6, 796-805.	0.4	9
60	A review of fetal cardiac monitoring, with a focus on low- and middle-income countries. <i>Physiological Measurement</i> , 2020, 41, 11TR01.	1.2	9
61	A quality improvement project using statistical process control methods for type 2 diabetes control in a resource-limited setting. <i>International Journal for Quality in Health Care</i> , 2017, 29, 593-601.	0.9	8
62	Screening for chronic kidney disease in a community-based diabetes cohort in rural Guatemala: a cross-sectional study. <i>BMJ Open</i> , 2018, 8, e019778.	0.8	8
63	Community-Based Interventions to Reduce Child Stunting in Rural Guatemala: A Quality Improvement Model. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 773.	1.2	8
64	Male Influence on Infant Feeding in Rural Guatemala and Implications for Child Nutrition Interventions. <i>Breastfeeding Medicine</i> , 2011, 6, 227-231.	0.8	7
65	Feasibility of satellite image and GIS sampling for population representative surveys: a case study from rural Guatemala. <i>International Journal of Health Geographics</i> , 2020, 19, 56.	1.2	7
66	Academy of Nutrition and Dietetics Nutrition Research Network: A Home Garden Intervention Improves Child Length-for-Age Z-Score and Household-Level Crop Count and Nutritional Functional Diversity in Rural Guatemala. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2022, 122, 640-649.e12.	0.4	7
67	Patient Navigation and Access to Cancer Care in Guatemala. <i>Journal of Global Oncology</i> , 2018, 4, 1-3.	0.5	6
68	Associations between contraception and stunting in Guatemala: secondary analysis of the 2014-2015 Demographic and Health Survey. <i>BMJ Paediatrics Open</i> , 2019, 3, e000510.	0.6	6
69	Argininemia as a cause of severe chronic stunting in a low-resource developing country setting: a case report. <i>BMC Pediatrics</i> , 2016, 16, 142.	0.7	5
70	Aid and Gendered Subjectivity in Rural Guatemala. <i>Journal of Development Studies</i> , 2017, 53, 2164-2178.	1.2	5
71	Treatment of end-stage renal disease with continuous ambulatory peritoneal dialysis in rural Guatemala. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2017-223641.	0.2	5
72	A Proxy for Detecting IUGR Based on Gestational Age Estimation in a Guatemalan Rural Population. <i>Frontiers in Artificial Intelligence</i> , 2020, 3, 56.	2.0	5

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73	CNN-Based LCD Transcription of Blood Pressure From a Mobile Phone Camera. <i>Frontiers in Artificial Intelligence</i> , 2021, 4, 543176.	2.0	5
74	Hybrid type 1 effectiveness/implementation trial of the international Guide for Monitoring Child Development: protocol for a cluster-randomised controlled trial. <i>BMJ Paediatrics Open</i> , 2021, 5, e001254.	0.6	5
75	Use of propranolol in a remote region of rural Guatemala to treat a large facial infantile haemangioma. <i>BMJ Case Reports</i> , 2017, 2017, bcr-2017-219782.	0.2	4
76	Developmental outcomes of an individualised complementary feeding intervention for stunted children: a substudy from a larger randomised controlled trial in Guatemala. <i>BMJ Paediatrics Open</i> , 2018, 2, e000314.	0.6	4
77	Estimating birth weight from observed postnatal weights in a Guatemalan highland community. <i>Physiological Measurement</i> , 2020, 41, 025008.	1.2	4
78	Implementation of a Diabetes Self-Management Education and Support Intervention in Rural Guatemala: A Mixed-Methods Evaluation Using the RE-AIM Framework. <i>Preventing Chronic Disease</i> , 2021, 18, E100.	1.7	4
79	Improving Infant and Young Child Nutrition in a Highly Stunted Rural Community: A Practical Case Study from Guatemala. , 2017, , 1-19.		3
80	Expanding access to primary healthcare for women through a microfinance institution: A case study from rural Guatemala. <i>Healthcare</i> , 2018, 6, 223-230.	0.6	3
81	CKD Care and Research in Guatemala: Overview and Meeting Report. <i>Kidney International Reports</i> , 2020, 5, 1567-1575.	0.4	3
82	Diet quality, school attendance, and body weight status in adolescent girls in rural Guatemala. <i>Annals of the New York Academy of Sciences</i> , 2021, 1494, 59-69.	1.8	3
83	Academy of Nutrition and Dietetics Nutrition Research Network: The Saqmolo' Project Rationale and Study Protocol for a Randomized Controlled Trial Examining the Influence of Daily Complementary Feeding of Eggs on Infant Development and Growth in Guatemala. <i>Journal of the Academy of Nutrition and Dietetics</i> . 2022. 122, 432-444.	0.4	3
84	Improving Infant and Young Child Nutrition in a Highly Stunted Rural Community: A Practical Case Study from Guatemala. , 2019, , 2381-2398.		3
85	Lay Midwives: On the Front Lines of the Fight Against Maternal Mortality in Rural Guatemala. <i>American Journal of Tropical Medicine and Hygiene</i> , 2019, 100, 237-238.	0.6	3
86	Adolescent Rights and the "First 1,000 days" Global Nutrition Movement: A View from Guatemala. <i>Health and Human Rights</i> , 2018, 20, 295-301.	1.3	3
87	Liberation theology and the voice of the indigenous other in Guatemala. <i>Canadian Geographer / Geographie Canadien</i> , 2010, 54, 375-377.	1.0	2
88	Scapular prolapse into the intrathoracic cavity in a lung transplant patient. <i>Lancet, The</i> , 2014, 384, 1476.	6.3	2
89	Investigating barriers and facilitators to facility-level births in rural Guatemala. <i>International Journal of Gynecology and Obstetrics</i> , 2019, 146, 386-387.	1.0	2
90	Working with lay midwives to improve the detection of neonatal complications in rural Guatemala. <i>BMJ Open Quality</i> , 2020, 9, e000775.	0.4	2

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91	Collecting Infant Environmental and Experiential Data Using Smartphone Surveys. <i>Pediatric Physical Therapy</i> , 2021, 33, 47-49.	0.3	2
92	Fluid illness. <i>Medicine Anthropology Theory</i> , 2019, 6, .	0.6	2
93	Projecting the Impact of Nutrition Policy to Improve Child Stunting: A Case Study in Guatemala Using the Lives Saved Tool. <i>Global Health, Science and Practice</i> , 2021, 9, 752-764.	0.6	2
94	The Relationship between Corner Stores and the Ultra-processed Food and Beverage Industry in Guatemala: Stocking, Advertising, and Trust. <i>Journal of Hunger and Environmental Nutrition</i> , 0, , 1-16.	1.1	2
95	Use of progesterone implants in low-resource settings: preliminary outcomes of a longitudinal cohort of progesterone implant users in rural Guatemala. <i>Contraception</i> , 2017, 96, 294.	0.8	1
96	Myxoedema in a patient with achondroplasia in rural area of Guatemala. <i>BMJ Case Reports</i> , 2017, 2017, bcr2016218506.	0.2	1
97	Delays in diagnosis and treatment of extrapulmonary tuberculosis in Guatemala. <i>BMJ Case Reports</i> , 2017, 2017, bcr-2017-220777.	0.2	1
98	Comments on "A multicountry randomized controlled trial of comprehensive maternal nutrition supplementation initiated before conception: the Women First trial". <i>American Journal of Clinical Nutrition</i> , 2019, 110, 526-527.	2.2	1
99	On the frontlines of chronic paediatric undernutrition in Guatemala. <i>EBioMedicine</i> , 2021, 64, 103223.	2.7	1
100	Improving the experience of facility-based delivery for vulnerable women through obstetric care navigation: a qualitative evaluation. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 425.	0.9	1
101	Why women choose to to seek facility-level obstetrical care in rural Guatemala: A qualitative study. <i>Midwifery</i> , 2021, 103, 103097.	1.0	1
102	A Patient with Fevers and Fatigue. <i>New England Journal of Medicine</i> , 2013, 368, e9.	13.9	1
103	Loss to Follow-Up and the Care Cascade for Cervical Cancer Care in Rural Guatemala: A Cross-Sectional Study. <i>JCO Global Oncology</i> , 2022, 8, e2100286.	0.8	1
104	Perceptions of chronic kidney disease among at-risk adults in rural Guatemala. <i>Global Public Health</i> , 2021, 16, 623-638.	1.0	0
105	Reconstructing Referrals: Overcoming Barriers to Quality Obstetric Care for Maya Women in Guatemala Through Care Navigation. <i>Global Maternal and Child Health</i> , 2021, , 171-184.	0.1	0
106	The Saqmolo™ Project: Protocol for a Randomized Controlled Trial Examining the Impact of Daily Complementary Feeding of Eggs on Infant Development and Growth in Guatemala. <i>Current Developments in Nutrition</i> , 2021, 5, 162.	0.1	0
107	Out-of-Pocket Costs for Facility-Based Obstetrical Care in Rural Guatemala. <i>Annals of Global Health</i> , 2021, 87, 75.	0.8	0
108	Patrones alimentarios y agrícolas de hogares con niños desnutridos en dos comunidades indígenas con distinto nivel socioeconómico en Guatemala. <i>Estudios Sociales</i> , 2019, 30, .	0.2	0

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109	A Qualitative Comparison of Long- and Short-acting Hormonal Method: Users' Perspectives on Method Selection in Rural Guatemala. <i>International Journal of Women's Health and Reproduction Sciences</i> , 2020, 8, 338-346.	0.2	0
110	Mixed-Methods Implementation Study of a Home Garden Intervention in Rural Guatemala Using the RE-AIM Framework. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2022, , .	0.4	0
111	Title is missing!. , 2020, 17, e1003434.		0
112	Title is missing!. , 2020, 17, e1003434.		0
113	Title is missing!. , 2020, 17, e1003434.		0
114	Title is missing!. , 2020, 17, e1003434.		0
115	Title is missing!. , 2020, 17, e1003434.		0
116	Title is missing!. , 2020, 17, e1003434.		0
117	Title is missing!. , 2020, 17, e1003434.		0