

# Buddha Basnyat

## List of Publications by Year in descending order

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Version: 2024-02-01

122  
papers

4,139  
citations

147801

31  
h-index

138484

58  
g-index

130  
all docs

130  
docs citations

130  
times ranked

6007  
citing authors

#	ARTICLE	IF	CITATIONS
1	Drug-resistant enteric fever worldwide, 1990 to 2018: a systematic review and meta-analysis. <i>BMC Medicine</i> , 2020, 18, 1.	5.5	660
2	Phylogeographical analysis of the dominant multidrug-resistant H58 clade of <i>Salmonella Typhi</i> identifies inter- and intracontinental transmission events. <i>Nature Genetics</i> , 2015, 47, 632-639.	21.4	403
3	Admixture facilitates genetic adaptations to high altitude in Tibet. <i>Nature Communications</i> , 2014, 5, 3281.	12.8	172
4	Genome-wide association study identifies five new susceptibility loci for primary angle closure glaucoma. <i>Nature Genetics</i> , 2016, 48, 556-562.	21.4	147
5	Phase 3 Efficacy Analysis of a Typhoid Conjugate Vaccine Trial in Nepal. <i>New England Journal of Medicine</i> , 2019, 381, 2209-2218.	27.0	147
6	Clinical recommendations for high altitude exposure of individuals with pre-existing cardiovascular conditions. <i>European Heart Journal</i> , 2018, 39, 1546-1554.	2.2	131
7	Combined high-resolution genotyping and geospatial analysis reveals modes of endemic urban typhoid fever transmission. <i>Open Biology</i> , 2011, 1, 110008.	3.6	112
8	A novel ciprofloxacin-resistant subclade of H58 <i>Salmonella Typhi</i> is associated with fluoroquinolone treatment failure. <i>ELife</i> , 2016, 5, e14003.	6.0	111
9	A high-resolution genomic analysis of multidrug-resistant hospital outbreaks of <i>Klebsiella pneumoniae</i> . <i>EMBO Molecular Medicine</i> , 2015, 7, 227-239.	6.9	104
10	A Multi-Center Randomised Controlled Trial of Gatifloxacin versus Azithromycin for the Treatment of Uncomplicated Typhoid Fever in Children and Adults in Vietnam. <i>PLoS ONE</i> , 2008, 3, e2188.	2.5	87
11	Variation at HLA-DRB1 is associated with resistance to enteric fever. <i>Nature Genetics</i> , 2014, 46, 1333-1336.	21.4	85
12	The Ecological Dynamics of Fecal Contamination and <i>Salmonella Typhi</i> and <i>Salmonella Paratyphi A</i> in Municipal Kathmandu Drinking Water. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004346.	3.0	70
13	High-throughput bacterial SNP typing identifies distinct clusters of <i>Salmonella Typhi</i> causing typhoid in Nepalese children. <i>BMC Infectious Diseases</i> , 2010, 10, 144.	2.9	68
14	An Open Randomized Comparison of Gatifloxacin versus Cefixime for the Treatment of Uncomplicated Enteric Fever. <i>PLoS ONE</i> , 2007, 2, e542.	2.5	68
15	The Typhoid Vaccine Acceleration Consortium (TyVAC): Vaccine effectiveness study designs: Accelerating the introduction of typhoid conjugate vaccines and reducing the global burden of enteric fever. Report from a meeting held on 26-27 October 2016, Oxford, UK. <i>Vaccine</i> , 2017, 35, 5081-5088.	3.8	67
16	The STRATAA study protocol: a programme to assess the burden of enteric fever in Bangladesh, Malawi and Nepal using prospective population census, passive surveillance, serological studies and healthcare utilisation surveys. <i>BMJ Open</i> , 2017, 7, e016283.	1.9	61
17	Evaluation of the Clinical and Microbiological Response to <i>Salmonella Paratyphi A</i> Infection in the First Paratyphoid Human Challenge Model. <i>Clinical Infectious Diseases</i> , 2017, 64, 1066-1073.	5.8	60
18	Differential Epidemiology of <i>Salmonella Typhi</i> and <i>Paratyphi A</i> in Kathmandu, Nepal: A Matched Case Control Investigation in a Highly Endemic Enteric Fever Setting. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2391.	3.0	59

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19	The Microbiological and Clinical Characteristics of Invasive Salmonella in Gallbladders from Cholecystectomy Patients in Kathmandu, Nepal. <i>PLoS ONE</i> , 2012, 7, e47342.	2.5	56
20	Undifferentiated Febrile Illness in Kathmandu, Nepal. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 92, 875-878.	1.4	55
21	Hepatitis E virus seroprevalence in three hyperendemic areas: Nepal, Bangladesh and southwest France. <i>Journal of Clinical Virology</i> , 2015, 70, 39-42.	3.1	54
22	Gatifloxacin versus ceftriaxone for uncomplicated enteric fever in Nepal: an open-label, two-centre, randomised controlled trial. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 535-545.	9.1	54
23	Efficacy of typhoid conjugate vaccine in Nepal: final results of a phase 3, randomised, controlled trial. <i>The Lancet Global Health</i> , 2021, 9, e1561-e1568.	6.3	48
24	Salmonella Typhi and Salmonella Paratyphi A elaborate distinct systemic metabolite signatures during enteric fever. <i>ELife</i> , 2014, 3, .	6.0	45
25	Clinically and Microbiologically Derived Azithromycin Susceptibility Breakpoints for Salmonella enterica Serovars Typhi and Paratyphi A. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2756-2764.	3.2	44
26	A 23-year retrospective investigation of Salmonella Typhi and Salmonella Paratyphi isolated in a tertiary Kathmandu hospital. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0006051.	3.0	43
27	Detecting past and ongoing natural selection among ethnically Tibetan women at high altitude in Nepal. <i>PLoS Genetics</i> , 2018, 14, e1007650.	3.5	43
28	High altitude cerebral and pulmonary edema. <i>Travel Medicine and Infectious Disease</i> , 2005, 3, 199-211.	3.0	42
29	Burden of enteric fever at three urban sites in Africa and Asia: a multicentre population-based study. <i>The Lancet Global Health</i> , 2021, 9, e1688-e1696.	6.3	42
30	Treatment Response in Enteric Fever in an Era of Increasing Antimicrobial Resistance: An Individual Patient Data Analysis of 2092 Participants Enrolled into 4 Randomized, Controlled Trials in Nepal. <i>Clinical Infectious Diseases</i> , 2017, 64, 1522-1531.	5.8	40
31	Comparative Accuracy of the InBios Scrub Typhus Detect IgM Rapid Test for the Detection of IgM Antibodies by Using Conventional Serology. <i>Vaccine Journal</i> , 2015, 22, 1130-1132.	3.1	38
32	Poor communication by health care professionals may lead to life-threatening complications: examples from two case reports. <i>Wellcome Open Research</i> , 2019, 4, 7.	1.8	38
33	The Surveillance for Enteric Fever in Asia Project (SEAP), Severe Typhoid Fever Surveillance in Africa (SETA), Surveillance of Enteric Fever in India (SEFI), and Strategic Typhoid Alliance Across Africa and Asia (STRATAA) Population-based Enteric Fever Studies: A Review of Methodological Similarities and Differences. <i>Clinical Infectious Diseases</i> , 2020, 71, S102-S110.	5.8	36
34	Multidrug resistant enteric fever in South Asia: unmet medical needs and opportunities. <i>BMJ: British Medical Journal</i> , 2019, 364, k5322.	2.3	32
35	Typhoid versus typhus fever in post-earthquake Nepal. <i>The Lancet Global Health</i> , 2016, 4, e516-e517.	6.3	31
36	Sustained use of biogas fuel and blood pressure among women in rural Nepal. <i>Environmental Research</i> , 2015, 136, 343-351.	7.5	30

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37	The emergence of azithromycin-resistant <i>Salmonella</i> Typhi in Nepal. JAC-Antimicrobial Resistance, 2020, 2, dlaa109.	2.1	30
38	Gatifloxacin Versus Ofloxacin for the Treatment of Uncomplicated Enteric Fever in Nepal: An Open-Label, Randomized, Controlled Trial. PLoS Neglected Tropical Diseases, 2013, 7, e2523.	3.0	28
39	Ethnically Tibetan women in Nepal with low hemoglobin concentration have better reproductive outcomes. Evolution, Medicine and Public Health, 2017, 2017, 82-96.	2.5	28
40	Older age, chronic medical conditions and polypharmacy in Himalayan trekkers in Nepal: an epidemiologic survey and case series. Journal of Travel Medicine, 2016, 23, taw052.	3.0	27
41	Tuberculosis in South Asia: a tide in the affairs of men. Multidisciplinary Respiratory Medicine, 2018, 13, 10.	1.5	27
42	A high prevalence of multi-drug resistant Gram-negative bacilli in a Nepali tertiary care hospital and associated widespread distribution of Extended-Spectrum Beta-Lactamase (ESBL) and carbapenemase-encoding genes. Annals of Clinical Microbiology and Antimicrobials, 2020, 19, 48.	3.8	24
43	The Invisible Burden: Diagnosing and Combatting Typhoid Fever in Asia and Africa. Clinical Infectious Diseases, 2019, 69, S395-S401.	5.8	23
44	Emerging and re-emerging infectious disease threats in South Asia: status, vulnerability, preparedness, and outlook. BMJ: British Medical Journal, 2017, 357, j1447.	2.3	23
45	Diagnostic metabolite biomarkers of chronic typhoid carriage. PLoS Neglected Tropical Diseases, 2018, 12, e0006215.	3.0	23
46	Reduced Acetazolamide Dosing in Countering Altitude Illness: A Comparison of 62.5 vs 125 mg (the Tj ETQq0 0 0 ggBT /Overlock 10 Tf 0.9	0.9	20
47	Gallbladder carriage generates genetic variation and genome degradation in <i>Salmonella</i> Typhi. PLoS Pathogens, 2020, 16, e1008998.	4.7	20
48	Prophylactic Acetaminophen or Ibuprofen Result in Equivalent Acute Mountain Sickness Incidence at High Altitude: A Prospective Randomized Trial. Wilderness and Environmental Medicine, 2017, 28, 72-78.	0.9	18
49	Outbreaks of <i>Serratia marcescens</i> and <i>Serratia rubidaea</i> bacteremia in a central Kathmandu hospital following the 2015 earthquakes. Transactions of the Royal Society of Tropical Medicine and Hygiene, 2018, 112, 467-472.	1.8	17
50	Assessing the Impact of a Vi-polysaccharide Conjugate Vaccine in Preventing Typhoid Infections Among Nepalese Children: A Protocol for a Phase III, Randomized Control Trial. Clinical Infectious Diseases, 2019, 68, S67-S73.	5.8	17
51	Does age have an impact on acute mountain sickness? A systematic review. Journal of Travel Medicine, 2020, 27, .	3.0	17
52	Changing Antimicrobial Resistance Trends in Kathmandu, Nepal: A 23-Year Retrospective Analysis of Bacteraemia. Frontiers in Medicine, 2018, 5, 262.	2.6	16
53	Risk factors for the development of neonatal sepsis in a neonatal intensive care unit of a tertiary care hospital of Nepal. BMC Infectious Diseases, 2021, 21, 546.	2.9	16
54	Changes in Metabolic and Hematologic Laboratory Values With Ascent to Altitude and the Development of Acute Mountain Sickness in Nepalese Pilgrims. Wilderness and Environmental Medicine, 2006, 17, 171.	0.9	15

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55	Adverse events with ayurvedic medicines- possible adulteration and some inherent toxicities. Wellcome Open Research, 2019, 4, 23.	1.8	15
56	A longitudinal cline characterizes the genetic structure of human populations in the Tibetan plateau. PLoS ONE, 2017, 12, e0175885.	2.5	15
57	The Application of GeneXpert MTB/RIF for Smear-Negative TB Diagnosis as a Fee-Paying Service at a South Asian General Hospital. Tuberculosis Research and Treatment, 2015, 2015, 1-6.	0.6	14
58	Under-detection of blood culture-positive enteric fever cases: The impact of missing data and methods for adjusting incidence estimates. PLoS Neglected Tropical Diseases, 2020, 14, e0007805.	3.0	14
59	Automating the Generation of Antimicrobial Resistance Surveillance Reports: Proof-of-Concept Study Involving Seven Hospitals in Seven Countries. Journal of Medical Internet Research, 2020, 22, e19762.	4.3	14
60	Assessment and Translation of the Antibody-in-Lymphocyte Supernatant (ALS) Assay to Improve the Diagnosis of Enteric Fever in Two Controlled Human Infection Models and an Endemic Area of Nepal. Frontiers in Microbiology, 2017, 8, 2031.	3.5	13
61	Impact of a package of diagnostic tools, clinical algorithm, and training and communication on outpatient acute fever case management in low- and middle-income countries: protocol for a randomized controlled trial. Trials, 2020, 21, 974.	1.6	13
62	Antioxidant defense and oxidative damage vary widely among high-altitude residents. American Journal of Human Biology, 2017, 29, e23039.	1.6	12
63	Case Report: Delirium at High Altitude. High Altitude Medicine and Biology, 2002, 3, 69-71.	0.9	11
64	High altitude illness in pilgrims after rapid ascent to 4380m. Travel Medicine and Infectious Disease, 2017, 16, 31-34.	3.0	11
65	The impact of migration and antimicrobial resistance on the transmission dynamics of typhoid fever in Kathmandu, Nepal: A mathematical modelling study. PLoS Neglected Tropical Diseases, 2017, 11, e0005547.	3.0	11
66	Extrapulmonary tuberculosis: a debilitating and often neglected public health problem. BMJ Case Reports, 2018, 11, e226098.	0.5	11
67	Cotrimoxazole treats fluoroquinolone-resistant Salmonella typhi H58 infection. BMJ Case Reports, 2016, 2016, bcr2016217223.	0.5	9
68	The use of Imatinib resistance mutation analysis to direct therapy in Philadelphia chromosome/BCR-ABL1 positive chronic myeloid leukaemia patients failing Imatinib treatment, in Patan Hospital, Nepal. British Journal of Haematology, 2017, 177, 1000-1007.	2.5	8
69	Impact of a Newly Constructed Motor Vehicle Road on Altitude Illness in the Nepal Himalayas. Wilderness and Environmental Medicine, 2017, 28, 332-338.	0.9	8
70	Letter to the Editor: COVID-19 Lung Injury Is Different From High Altitude Pulmonary Edema. High Altitude Medicine and Biology, 2020, 21, 204-205.	0.9	8
71	A Bayesian approach for estimating typhoid fever incidence from large-scale facility-based passive surveillance data. Statistics in Medicine, 2021, 40, 5853-5870.	1.6	8
72	Typhoid carriage in the gallbladder. Lancet, The, 2015, 386, 1074.	13.7	7

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73	Case Report: Gastric Mucormycosis- a rare but important differential diagnosis of upper gastrointestinal bleeding in an area of Helicobacter pylori endemicity. Wellcome Open Research, 2019, 4, 5.	1.8	7
74	A developing country perspective. Lancet, The, 2002, 359, 2026.	13.7	6
75	Chronic Diarrhea in a Traveler: Cyclosporiasis. American Journal of Medicine, 2017, 130, e535-e536.	1.5	6
76	Case Report: Gastric Mucormycosis- a rare but important differential diagnosis of upper gastrointestinal bleeding in an area of Helicobacter pylori endemicity. Wellcome Open Research, 2019, 4, 5.	1.8	6
77	Azithromycin and cefixime combination versus azithromycin alone for the out-patient treatment of clinically suspected or confirmed uncomplicated typhoid fever in South Asia: a randomised controlled trial protocol. Wellcome Open Research, 0, 6, 207.	1.8	6
78	Tubo-ovarian abscess infected by Salmonella typhi. BMJ Case Reports, 2017, 2017, bcr-2017-221213.	0.5	6
79	A fatal outbreak of neonatal sepsis caused by mcr-10-carrying Enterobacter kobei in a tertiary care hospital in Nepal. Journal of Hospital Infection, 2022, 125, 60-66.	2.9	6
80	Preparing for the dengue explosion in Kathmandu, Nepal. The Lancet Global Health, 2020, 8, e331-e332.	6.3	5
81	Case Report: Cryptococcal meningitis in an apparently immunocompetent patient in Nepal - challenges in diagnosis and treatment. Wellcome Open Research, 2019, 4, 55.	1.8	5
82	Camphor: an herbal medicine causing grand mal seizures. BMJ Case Reports, 2015, 2015, bcr2014209101-bcr2014209101.	0.5	4
83	Co-trimoxazole versus azithromycin for the treatment of undifferentiated febrile illness in Nepal: study protocol for a randomized controlled trial. Trials, 2017, 18, 450.	1.6	4
84	Early Insights From Clinical Trials of Typhoid Conjugate Vaccine. Clinical Infectious Diseases, 2020, 71, S155-S159.	5.8	4
85	Erythema annulare centrifugum in a patient with chronic myeloid leukaemia on ponatinib. Journal of the Royal College of Physicians of Edinburgh, The, 2020, 50, 54-55.	0.6	4
86	Acetazolamide for tourists to Lhasa. Wilderness and Environmental Medicine, 1998, 9, 191.	0.9	3
87	Treating Philadelphia chromosome/ <i>BCR-ABL1</i> positive patients with Glivec (Imatinib mesylate): 10 years' experience at Patan Hospital, Nepal. British Journal of Haematology, 2017, 177, 991-999.	2.5	3
88	Meningitis due to scrub typhus: the importance of a differential diagnosis in an endemic area. BMJ Case Reports, 2018, 2018, bcr-2018-224499.	0.5	3
89	Froin's syndrome associated with spinal tuberculosis. BMJ Case Reports, 2018, 11, e228367.	0.5	3
90	Case Report: Cryptococcal meningitis in an immunocompetent patient in Nepal - challenges in diagnosis and treatment. Wellcome Open Research, 2019, 4, 55.	1.8	3

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91	Trimethoprim-sulfamethoxazole Versus Azithromycin for the Treatment of Undifferentiated Febrile Illness in Nepal: A Double-blind, Randomized, Placebo-controlled Trial. <i>Clinical Infectious Diseases</i> , 2021, 73, e1478-e1486.	5.8	3
92	Spontaneous hypoglycaemia in a patient with Graves' disease. <i>BMJ Case Reports</i> , 2016, 2016, bcr2016214801.	0.5	3
93	Tuberculosis in Staff and Students of Patan Hospital. <i>Journal of Nepal Health Research Council</i> , 2018, 15, 268-274.	0.8	3
94	Epidemiology, etiology, and diagnosis of health care acquired pneumonia including ventilator-associated pneumonia in Nepal. <i>PLoS ONE</i> , 2021, 16, e0259634.	2.5	3
95	Case Report: Adult Onset Still's Disease after vaccination against Covid-19. <i>Wellcome Open Research</i> , 0, 6, 333.	1.8	3
96	Paradoxical reaction to antitubercular treatment in a case of pulmonary tuberculosis. <i>BMJ Case Reports</i> , 2016, 2016, bcr2015214285.	0.5	2
97	Acute mountain sickness (AMS) in a Nepali pilgrim after rapid ascent to a sacred lake (4380 m) in the Himalayas. <i>BMJ Case Reports</i> , 2018, 11, bcr-2017-222888.	0.5	2
98	Ambulatory Blood Pressure at Sea Level and High Altitude in a Climber with a Kidney Transplant and Hypertension. <i>High Altitude Medicine and Biology</i> , 2019, 20, 307-311.	0.9	2
99	Progress in the overall understanding of typhoid fever: implications for vaccine development. <i>Expert Review of Vaccines</i> , 2020, 19, 367-382.	4.4	2
100	Typhoid and paratyphoid fevers. , 2010, , 738-745.		2
101	Case Report: Pulmonary tuberculosis and raised transaminases without pre-existing liver disease- Do we need to modify the antitubercular therapy?. <i>Wellcome Open Research</i> , 2020, 5, 193.	1.8	2
102	Ayurvedic medicine- Not always a safe bet. <i>Wellcome Open Research</i> , 2019, 4, 23.	1.8	2
103	Case Report: Co-existence of sarcoidosis and Takayasu arteritis. <i>Wellcome Open Research</i> , 2020, 5, 73.	1.8	2
104	Aftershocks of scrub typhus in Nepal – Author's reply. <i>The Lancet Global Health</i> , 2016, 4, e688.	6.3	1
105	Common Bite – Bizarre Rash. <i>Wilderness and Environmental Medicine</i> , 2018, 29, 123-124.	0.9	1
106	Higher ascent, trouble breathing: high altitude pulmonary edema (HAPE). <i>Pan African Medical Journal</i> , 2018, 30, 43.	0.8	1
107	South Asia today: William Osler's world with antibiotics. <i>The Lancet Global Health</i> , 2018, 6, e718-e719.	6.3	1
108	Adverse events with ayurvedic medicines- possible adulteration and some inherent toxicities. <i>Wellcome Open Research</i> , 0, 4, 23.	1.8	1

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109	A trekker in Nepal with painful skin blisters. <i>BMJ Case Reports</i> , 2015, 2015, bcr2015210560-bcr2015210560.	0.5	1
110	Case Report: Co-existence of sarcoidosis and Takayasu arteritis. <i>Wellcome Open Research</i> , 2020, 5, 73.	1.8	1
111	Case Report: Treating pulmonary tuberculosis with transaminitis with standard antitubercular four drugs therapy. <i>Wellcome Open Research</i> , 2020, 5, 193.	1.8	1
112	Gene-Xpert: Diagnosis of Pulmonary Tuberculosis in a Sputum Smear Negative Patient. <i>Journal of Nepal Health Research Council</i> , 2019, 17, 125-127.	0.8	1
113	A Pain in the Neck. <i>Wilderness and Environmental Medicine</i> , 2015, 26, 430-432.	0.9	0
114	An Itchy Situation. <i>Wilderness and Environmental Medicine</i> , 2015, 26, 89-90.	0.9	0
115	Breathlessness at High Altitude: First Episode of Bronchoconstriction in an Otherwise Healthy Sojourner. <i>High Altitude Medicine and Biology</i> , 2017, 18, 179-181.	0.9	0
116	In Reply to Drs Lipman and Hackett. <i>Wilderness and Environmental Medicine</i> , 2017, 28, 385-387.	0.9	0
117	Typhoid fever with isolated left lateral rectus palsy. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2018-225746.	0.5	0
118	Nail the Diagnosis. <i>Wilderness and Environmental Medicine</i> , 2018, 29, 419-420.	0.9	0
119	In Reply to Dr Bennett. <i>Wilderness and Environmental Medicine</i> , 2019, 30, 334-335.	0.9	0
120	Extending strong research to high-altitude infants. <i>The Lancet Global Health</i> , 2020, 8, e310-e311.	6.3	0
121	Azithromycin and cefixime combination versus azithromycin alone for the out-patient treatment of clinically suspected or confirmed uncomplicated typhoid fever in South Asia: a randomised controlled trial protocol. <i>Wellcome Open Research</i> , 2021, 6, 207.	1.8	0
122	Public engagement during a typhoid conjugate vaccine trial in Lalitpur, Nepal- experience, challenges and lessons learnt. <i>Human Vaccines and Immunotherapeutics</i> , 2022, 18, 1-5.	3.3	0