

Khitam Muhsen

List of Publications by Year in descending order

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Version: 2024-02-01

109
papers

6,459
citations

172457

29
h-index

74163

75
g-index

115
all docs

115
docs citations

115
times ranked

9108
citing authors

#	ARTICLE	IF	CITATIONS
1	Burden and aetiology of diarrhoeal disease in infants and young children in developing countries (the Tj ETQq1 1 0.784314 rgBT /Overlo 209-222.	13.7	2,885
2	Myocarditis after BNT162b2 mRNA Vaccine against Covid-19 in Israel. <i>New England Journal of Medicine</i> , 2021, 385, 2140-2149.	27.0	445
3	The Burden of Cryptosporidium Diarrheal Disease among Children < 24 Months of Age in Moderate/High Mortality Regions of Sub-Saharan Africa and South Asia, Utilizing Data from the Global Enteric Multicenter Study (GEMS). <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004729.	3.0	201
4	<i>Helicobacter pylori</i> Infection and Iron Stores: A Systematic Review and Metaâ€analysis. <i>Helicobacter</i> , 2008, 13, 323-340.	3.5	179
5	The Effectiveness of the Two-Dose BNT162b2 Vaccine: Analysis of Real-World Data. <i>Clinical Infectious Diseases</i> , 2022, 74, 472-478.	5.8	152
6	A Systematic Review and Meta-analysis of the Association Between Giardia lamblia and Endemic Pediatric Diarrhea in Developing Countries. <i>Clinical Infectious Diseases</i> , 2012, 55, S271-S293.	5.8	150
7	Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Naturally Acquired Immunity versus Vaccine-induced Immunity, Reinfections versus Breakthrough Infections: A Retrospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2022, 75, e545-e551.	5.8	130
8	An updated systematic review and metaâ€analysis on the association between <i>H</i><sc>elicobacter pylori</sc> infection and iron deficiency anemia. <i>Helicobacter</i> , 2017, 22, e12330.	3.5	117
9	Inequalities in non-communicable diseases between the major population groups in Israel: achievements and challenges. <i>Lancet, The</i> , 2017, 389, 2531-2541.	13.7	102
10	Assessment of Effectiveness of 1 Dose of BNT162b2 Vaccine for SARS-CoV-2 Infection 13 to 24 Days After Immunization. <i>JAMA Network Open</i> , 2021, 4, e2115985.	5.9	96
11	Risk factors of underutilization of childhood immunizations in ultraorthodox Jewish communities in Israel despite high access to health care services. <i>Vaccine</i> , 2012, 30, 2109-2115.	3.8	73
12	Colonization factors among enterotoxigenic Escherichia coli isolates from children with moderate-to-severe diarrhea and from matched controls in the Global Enteric Multicenter Study (GEMS). <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007037.	3.0	68
13	Inadequate Glycemic Control Is Associated With Increased Surgical Site Infection in Total Joint Arthroplasty: A Systematic Review and Meta-Analysis. <i>Journal of Arthroplasty</i> , 2018, 33, 2312-2321.e3.	3.1	66
14	Serum Bactericidal Assays To Evaluate Typhoidal and Nontyphoidal Salmonella Vaccines. <i>Vaccine Journal</i> , 2014, 21, 712-721.	3.1	62
15	Trends in the gap in life expectancy between Arabs and Jews in Israel between 1975 and 2004. <i>International Journal of Epidemiology</i> , 2010, 39, 1324-1332.	1.9	52
16	A nationwide analysis of population group differences in the COVID-19 epidemic in Israel, February 2020â€February 2021. <i>Lancet Regional Health - Europe, The</i> , 2021, 7, 100130.	5.6	49
17	Effectiveness of rotavirus vaccines for prevention of rotavirus gastroenteritis-associated hospitalizations in Israel: A case-control study. <i>Hum Vaccin</i> , 2010, 6, 450-454.	2.4	48
18	Incidence, Age of Acquisition and Risk Factors of Helicobacter pylori Infection among Israeli Arab Infants. <i>Journal of Tropical Pediatrics</i> , 2012, 58, 208-213.	1.5	45

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19	The Incidence of SARS-CoV-2 Reinfection in Persons With Naturally Acquired Immunity With and Without Subsequent Receipt of a Single Dose of BNT162b2 Vaccine. <i>Annals of Internal Medicine</i> , 2022, 175, 674-681.	3.9	45
20	Incidence, Characteristics, and Economic Burden of Rotavirus Gastroenteritis Associated with Hospitalization of Israeli Children ≤ 5 Years of Age, 2007-2008. <i>Journal of Infectious Diseases</i> , 2009, 200, S254-S263.	4.0	44
21	Sex differences in urea breath test results for the diagnosis of <i>Helicobacter pylori</i> infection: a large cross-sectional study. <i>Biology of Sex Differences</i> , 2018, 9, 1.	4.1	42
22	Association of Receipt of the Fourth BNT162b2 Dose With Omicron Infection and COVID-19 Hospitalizations Among Residents of Long-term Care Facilities. <i>JAMA Internal Medicine</i> , 2022, 182, 859.	5.1	40
23	Can <i>Giardia lamblia</i> Infection Lower the Risk of Acute Diarrhea among Preschool Children?. <i>Journal of Tropical Pediatrics</i> , 2014, 60, 99-103.	1.5	39
24	Evaluation of Four Different Systems for Extraction of RNA from Stool Suspensions Using MS-2 Coliphage as an Exogenous Control for RT-PCR Inhibition. <i>PLoS ONE</i> , 2012, 7, e39455.	2.5	39
25	Is the Association Between <i>Helicobacter pylori</i> Infection and Anemia Age Dependent?. <i>Helicobacter</i> , 2010, 15, 467-472.	3.5	36
26	Presence of <i>Helicobacter pylori</i> in a Sibling is Associated with a Long-Term Increased Risk of <i>H. pylori</i> Infection in Israeli Arab Children. <i>Helicobacter</i> , 2010, 15, 108-113.	3.5	34
27	The uptake of rotavirus vaccine and its effectiveness in preventing acute gastroenteritis in the community. <i>Vaccine</i> , 2010, 29, 91-94.	3.8	33
28	Relationships of <i>H. pylori</i> infection and its related gastroduodenal morbidity with metabolic syndrome: a large cross-sectional study. <i>Scientific Reports</i> , 2018, 8, 4088.	3.3	33
29	<i>Helicobacter pylori</i> Infection Is Associated With Low Serum Ferritin Levels in Israeli Arab Children: A Seroepidemiologic Study. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2009, 49, 262-264.	1.8	32
30	Effects of BNT162b2 Covid-19 Vaccine Booster in Long-Term Care Facilities in Israel. <i>New England Journal of Medicine</i> , 2022, 386, 399-401.	27.0	31
31	Rapid seroconversion and persistent functional IgG antibodies in severe COVID-19 patients correlates with an IL-12p70 and IL-33 signature. <i>Scientific Reports</i> , 2021, 11, 3461.	3.3	30
32	A Systematic Review and Meta-Analysis of the Association between <i>Helicobacter pylori</i> Infection and Dementia. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 1431-1442.	2.6	29
33	<i>Helicobacter pylori</i> Infection and Children's Growth. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016, 62, e48-59.	1.8	29
34	Seroprevalence, correlates and trends of <i>Helicobacter pylori</i> infection in the Israeli population. <i>Epidemiology and Infection</i> , 2012, 140, 1207-1214.	2.1	27
35	Effectiveness of rotavirus pentavalent vaccine under a universal immunization programme in Israel, 2011-2015: a case-control study. <i>Clinical Microbiology and Infection</i> , 2018, 24, 53-59.	6.0	27
36	COVID-19 vaccination in Israel. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1570-1574.	6.0	27

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37	Involvement of main diarrheagenic <i>Escherichia coli</i> , with emphasis on enteroaggregative <i>E. coli</i> , in severe non-epidemic pediatric diarrhea in a high-income country. <i>BMC Infectious Diseases</i> , 2015, 15, 79.	2.9	26
38	An Inverse and Independent Association Between <i>Helicobacter pylori</i> Infection and the Incidence of Shigellosis and Other Diarrheal Diseases. <i>Clinical Infectious Diseases</i> , 2012, 54, e35-e42.	5.8	25
39	<i>Helicobacter pylori</i> Infection in Early Childhood and Growth at School Age. <i>Helicobacter</i> , 2015, 20, 410-417.	3.5	24
40	Clinical correlates of nocardiosis. <i>Scientific Reports</i> , 2020, 10, 14272.	3.3	24
41	Detection of <i>Helicobacter pylori</i> in stool samples of young children using real-time polymerase chain reaction. <i>Helicobacter</i> , 2018, 23, e12450.	3.5	22
42	An association between <i>Helicobacter pylori</i> infection and cognitive function in children at early school age: a community-based study. <i>BMC Pediatrics</i> , 2011, 11, 43.	1.7	21
43	Depressive symptoms, risk factors and sleep in asthma: results from a national Israeli health survey. <i>General Hospital Psychiatry</i> , 2012, 34, 17-23.	2.4	21
44	A significant and consistent reduction in rotavirus gastroenteritis hospitalization of children under 5 years of age, following the introduction of universal rotavirus immunization in Israel. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 2475-2482.	3.3	21
45	Correlates of generalized anxiety disorder: independent of co-morbidity with depression. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2008, 43, 898-904.	3.1	20
46	Pneumonia mortality and healthcare utilization in young children in rural Bangladesh: a prospective verbal autopsy study. <i>Tropical Medicine and Health</i> , 2018, 46, 17.	2.8	19
47	<i>Helicobacter pylori</i> Infection Affects Immune Responses Following Vaccination of Typhoid-Naive US Adults With Attenuated <i>Salmonella Typhi</i> Oral Vaccine CVD 908-htrA. <i>Journal of Infectious Diseases</i> , 2014, 209, 1452-1458.	4.0	18
48	Incidence of rotavirus gastroenteritis hospitalizations and genotypes, before and five years after introducing universal immunization in Israel. <i>Vaccine</i> , 2016, 34, 5916-5922.	3.8	18
49	A game theoretic approach reveals that discretizing clinical information can reduce antibiotic misuse. <i>Nature Communications</i> , 2021, 12, 1148.	12.8	18
50	Effectiveness of BNT162b2 mRNA Coronavirus Disease 2019 (COVID-19) Vaccine Against Acquisition of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Among Healthcare Workers in Long-Term Care Facilities: A Prospective Cohort Study. <i>Clinical Infectious Diseases</i> , 2022, 75, e755-e763.	5.8	18
51	Psychological distress is independently associated with physical inactivity in Israeli adults. <i>Preventive Medicine</i> , 2010, 50, 118-122.	3.4	17
52	Unnecessary antibiotic treatment of children hospitalised with respiratory syncytial virus (RSV) bronchiolitis: risk factors and prescription patterns. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 27, 303-308.	2.2	17
53	Physical inactivity among adults with diabetes mellitus and depressive symptoms: results from two independent national health surveys. <i>General Hospital Psychiatry</i> , 2010, 32, 570-576.	2.4	15
54	Determinates of underutilization of amniocentesis among Israeli Arab women. <i>Prenatal Diagnosis</i> , 2010, 30, 138-143.	2.3	15

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55	Incidence and risk factors for intussusception among children in northern Israel from 1992 to 2009: a retrospective study. <i>BMC Pediatrics</i> , 2014, 14, 218.	1.7	15
56	<i>Nocardia</i> colonization in contrast to nocardiosis: a comparison of patients'™ clinical characteristics. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 759-763.	2.9	15
57	Incidence and Characteristics of Sporadic Norovirus Gastroenteritis Associated with Hospitalization of Children Less Than 5 Years of Age in Israel. <i>Pediatric Infectious Disease Journal</i> , 2013, 32, 688-690.	2.0	14
58	Correlates of non-typhoidal <i>Salmonella</i> bacteraemia: A case-control study. <i>International Journal of Infectious Diseases</i> , 2019, 81, 170-175.	3.3	14
59	Interaction Among Ethnicity, Socioeconomic Status, and <i>Helicobacter pylori</i> Seroprevalence in Israeli Children and Adolescents. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2011, 53, 524-527.	1.8	14
60	Age-Dependent Association among <i>Helicobacter pylori</i> Infection, Serum Pepsinogen Levels and Immune Response of Children to Live Oral Cholera Vaccine CVD 103-HgR. <i>PLoS ONE</i> , 2014, 9, e83999.	2.5	14
61	<i>Helicobacter pylori</i> and the intestinal microbiome among healthy school-age children. <i>Helicobacter</i> , 2021, 26, e12854.	3.5	14
62	Sero-prevalence of mumps antibodies in subpopulations subsequently affected by a large scale mumps epidemic in Israel. <i>Vaccine</i> , 2011, 29, 3878-3882.	3.8	13
63	<i>Helicobacter pylori</i> infection and prevalence of stroke. <i>Helicobacter</i> , 2019, 24, e12553.	3.5	13
64	Association of BNT162b2 Vaccine Third Dose Receipt With Incidence of SARS-CoV-2 Infection, COVID-19-Related Hospitalization, and Death Among Residents of Long-term Care Facilities, August to October 2021. <i>JAMA Network Open</i> , 2022, 5, e2219940.	5.9	13
65	Associations of <i>Helicobacter pylori</i> seropositivity and gastric inflammation with pediatric asthma. <i>Pediatric Pulmonology</i> , 2020, 55, 2236-2245.	2.0	12
66	Vaccines for enteric diseases. <i>Human Vaccines and Immunotherapeutics</i> , 2019, 15, 1205-1214.	3.3	11
67	The Associations between Diet and Socioeconomic Disparities and the Intestinal Microbiome in Preadolescence. <i>Nutrients</i> , 2021, 13, 2645.	4.1	11
68	Change in incidence of clinic visits for all-cause and rotavirus gastroenteritis in young children following the introduction of universal rotavirus vaccination in Israel. <i>Eurosurveillance</i> , 2015, 20, .	7.0	11
69	<i>Helicobacter pylori</i> infection, serum pepsinogens, and pediatric abdominal pain: a pilot study. <i>European Journal of Pediatrics</i> , 2017, 176, 1099-1105.	2.7	10
70	Burden and risk factors of <i>Shigella sonnei</i> shigellosis among children aged 0-59 months in hyperendemic communities in Israel. <i>International Journal of Infectious Diseases</i> , 2019, 82, 117-123.	3.3	10
71	Prevalence and determinants of serological evidence of atrophic gastritis among Arab and Jewish residents of Jerusalem: a cross-sectional study. <i>BMJ Open</i> , 2019, 9, e024689.	1.9	10
72	Associations of <i>Helicobacter pylori</i> infection and peptic disease with diabetic mellitus: Results from a large population-based study. <i>PLoS ONE</i> , 2017, 12, e0183687.	2.5	10

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73	Association Between Helicobacter pylori Colonization and Glycated Hemoglobin Levels: Is This Another Reason to Eradicate H. pylori in Adulthood?. Journal of Infectious Diseases, 2012, 205, 1183-1185.	4.0	9
74	Incidence and risk factors of hospitalisations for respiratory syncytial virus among children aged less than 2 years. Epidemiology and Infection, 2022, 150, 1-30.	2.1	9
75	Evaluation of a Urine-based Enzyme-linked Immunosorbent Assay Test for the Detection of Helicobacter pylori Infection Among 3- to 5-Year-Old Israeli Arab Healthy Children. Journal of Pediatric Gastroenterology and Nutrition, 2006, 43, 398-401.	1.8	8
76	Correlates of hospitalizations in internal medicine divisions among Israeli adults of different ethnic groups with hypertension, diabetes and cardiovascular diseases. PLoS ONE, 2019, 14, e0215639.	2.5	8
77	No evidence of an increase in the incidence of norovirus gastroenteritis hospitalizations in young children after the introduction of universal rotavirus immunization in Israel. Human Vaccines and Immunotherapeutics, 2019, 15, 1284-1293.	3.3	8
78	Helicobacter pylori Infection and Anemia. American Journal of Tropical Medicine and Hygiene, 2013, 89, 398-398.	1.4	7
79	Rotavirus vaccines in Israel: Uptake and impact. Human Vaccines and Immunotherapeutics, 2017, 13, 1722-1727.	3.3	7
80	Sero-prevalence of Helicobacter pylori CagA immunoglobulin G antibody, serum pepsinogens and haemoglobin levels in adults. Scientific Reports, 2018, 8, 17616.	3.3	7
81	Socioeconomic inequalities and severe obesity—Sex differences in a nationwide study of 1.12 million Israeli adolescents. Pediatric Obesity, 2020, 15, e12681.	2.8	7
82	Convulsions in children hospitalized for acute gastroenteritis. Scientific Reports, 2021, 11, 15874.	3.3	7
83	Socioeconomic disparities and household crowding in association with the fecal microbiome of school-age children. Npj Biofilms and Microbiomes, 2022, 8, 10.	6.4	7
84	Shiga toxin producing Escherichia coli-associated diarrhea and hemolytic uremic syndrome in young children in Romania. Gut Pathogens, 2019, 11, 46.	3.4	6
85	Comparisons between ethnic groups in hospitalizations for respiratory syncytial virus bronchiolitis in Israel. PLoS ONE, 2019, 14, e0214197.	2.5	6
86	Differences in glycated hemoglobin levels and cholesterol levels in individuals with diabetes according to Helicobacter pylori infection. Scientific Reports, 2021, 11, 8416.	3.3	6
87	Characterization of human parainfluenza virus-3 circulating in Israel, 2012-2015. Journal of Clinical Virology, 2018, 107, 19-24.	3.1	5
88	Correlates of infection with Helicobacter pylori positive and negative cytotoxin-associated gene A phenotypes among Arab and Jewish residents of Jerusalem. Epidemiology and Infection, 2019, 147, e276.	2.1	5
89	Validation of parental reports of rotavirus vaccination of their children compared to the national immunization registry. Vaccine, 2019, 37, 2791-2796.	3.8	5
90	Sero-Prevalence and Sero-Incidence of Antibodies to SARS-CoV-2 in Health Care Workers in Israel, Prior to Mass COVID-19 Vaccination. Frontiers in Medicine, 2021, 8, 689994.	2.6	5

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91	The Role of 18-Fluorodeoxyglucose Positron Emission Tomography/Computed Tomography (FDG-PET/CT) in Management of Nocardiosis: A Retrospective Study and Review of the Literature. <i>Infectious Diseases and Therapy</i> , 2021, 10, 2227-2246.	4.0	5
92	Correlates of gastroenterology health-services utilization among patients with gastroesophageal reflux disease: a large database analysis. <i>Israel Journal of Health Policy Research</i> , 2019, 8, 66.	2.6	4
93	Pre-existing <i>Helicobacter pylori</i> serum IgG enhances the vibriocidal antibody response to CVD 103-HgR live oral cholera vaccine in Malian adults. <i>Scientific Reports</i> , 2020, 10, 16871.	3.3	4
94	Antibody Response to Pertussis Vaccination in Pregnant and Non-Pregnant Women—The Role of Sex Hormones. <i>Vaccines</i> , 2021, 9, 637.	4.4	4
95	<i>Helicobacter pylori</i> Infection and Diabetes Mellitus. , 2016, , .		3
96	Effects of rotavirus vaccine on all-cause acute gastroenteritis and rotavirus hospitalizations in Israel: A nationwide analysis. <i>Vaccine</i> , 2020, 38, 2406-2415.	3.8	3
97	<i>Helicobacter pylori</i> infection, serum pepsinogens as markers of atrophic gastritis, and leukocyte telomere length: a population-based study. <i>Human Genomics</i> , 2019, 13, 32.	2.9	2
98	<i>Clostridium difficile</i> -associated disease and <i>Helicobacter pylori</i> seroprevalence: A case-control study. <i>Helicobacter</i> , 2020, 25, e12668.	3.5	2
99	The incidence of acute pulmonary embolism following syncope in anticoagulant-naïve patients: A retrospective cohort study. <i>PLoS ONE</i> , 2018, 13, e0193725.	2.5	2
100	Comparison in Adherence to Treatment between Patients with Mild-Moderate and Severe Reflux Esophagitis: A Prospective Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 3196.	2.4	2
101	A survey of primary-care pediatricians regarding the management of <i>Helicobacter pylori</i> infection and celiac disease. <i>Israel Journal of Health Policy Research</i> , 2019, 8, 88.	2.6	1
102	Enhanced Humoral Immune Responses against Toxin A and B of <i>Clostridium difficile</i> is Associated with a Milder Disease Manifestation. <i>Journal of Clinical Medicine</i> , 2020, 9, 3241.	2.4	1
103	Physicians' adherence to management guidelines for <i>H. pylori</i> infection and gastroesophageal reflux disease: a cross-sectional study. <i>Israel Journal of Health Policy Research</i> , 2020, 9, 28.	2.6	1
104	Associations of Feeding Practices in Early Life and Dietary Intake at School Age with Obesity in 10- to 12-Year-Old Arab Children. <i>Nutrients</i> , 2021, 13, 2106.	4.1	1
105	Norovirus in patients with gastroenteritis. <i>Lancet Infectious Diseases</i> , The, 2015, 15, 508.	9.1	0
106	Inequalities in non-communicable diseases in Israel - Authors' reply. <i>Lancet</i> , The, 2018, 391, 537.	13.7	0
107	Associations of psychosocial factors, knowledge, attitudes and practices with hospitalizations in internal medicine divisions in different population groups in Israel. <i>International Journal for Equity in Health</i> , 2021, 20, 105.	3.5	0
108	A narrative review of nonspecific effects of pediatric vaccines on child mortality and morbidity. <i>Human Vaccines and Immunotherapeutics</i> , 2024, 17, 5269-5283.	3.3	0

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109	Relationship Between Helicobacter pylori IgG Seroprevalence and the Immune Response to Poliovirus Vaccine Among School-Age Children From a Population With Near-Universal Immunity Level. <i>Frontiers in Medicine</i> , 2021, 8, 797719.	2.6	0