

Khitam Muhsen

List of Publications by Citations

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104
papers

4,240
citations

24
h-index

64
g-index

115
ext. papers

5,512
ext. citations

7.2
avg, IF

5.38
L-index

#	Paper	IF	Citations
104	Burden and aetiology of diarrhoeal disease in infants and young children in developing countries (the Global Enteric Multicenter Study, GEMS): a prospective, case-control study. <i>Lancet, The</i> , 2013 , 382, 209-22	40	2170
103	The Burden of Cryptosporidium Diarrheal Disease among Children PLoS Neglected Tropical Diseases, 2016 , 10, e0004729	4.8	152
102	Helicobacter pylori infection and iron stores: a systematic review and meta-analysis. <i>Helicobacter</i> , 2008 , 13, 323-40	4.9	136
101	Myocarditis after BNT162b2 mRNA Vaccine against Covid-19 in Israel. <i>New England Journal of Medicine</i> , 2021 , 385, 2140-2149	59.2	133
100	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 Suppl 4, S271-93	11.6	121
99	The effectiveness of the TWO-DOSE BNT162b2 vaccine: analysis of real-world data. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	72
98	An updated systematic review and meta-analysis on the association between Helicobacter pylori infection and iron deficiency anemia. <i>Helicobacter</i> , 2017 , 22, e12330	4.9	69
97	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, 2109-15	4.1	59
96	Comparing SARS-CoV-2 natural immunity to vaccine-induced immunity: reinfections versus breakthrough infections		59
95	Inequalities in non-communicable diseases between the major population groups in Israel: achievements and challenges. <i>Lancet, The</i> , 2017 , 389, 2531-2541	40	55
94	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	10.4	50
93	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, 1324-32	7.8	48
92	Effectiveness of rotavirus vaccines for prevention of rotavirus gastroenteritis-associated hospitalizations in Israel: a case-control study. <i>Hum Vaccin</i> , 2010 , 6, 450-4		44
91	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	4.4	43
90	The effectiveness of the first dose of BNT162b2 vaccine in reducing SARS-CoV-2 infection 13-24 days after immunization: real-world evidence		43
89	Serum bactericidal assays to evaluate typhoidal and nontyphoidal Salmonella vaccines. <i>Vaccine Journal</i> , 2014 , 21, 712-21		42
88	Incidence, characteristics, and economic burden of rotavirus gastroenteritis associated with hospitalization of israeli children . <i>Journal of Infectious Diseases</i> , 2009 , 200 Suppl 1, S254-63	7	39

87	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	3.7	36
86	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	1.2	35
85	Colonization factors among enterotoxigenic <i>Escherichia coli</i> 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	4.8	35
84	Incidence, age of acquisition and risk factors of <i>Helicobacter pylori</i> infection among Israeli Arab infants. <i>Journal of Tropical Pediatrics</i> , 2012 , 58, 208-13	1.2	31
83	The uptake of rotavirus vaccine and its effectiveness in preventing acute gastroenteritis in the community. <i>Vaccine</i> , 2010 , 29, 91-4	4.1	30
82	Is the association between <i>Helicobacter pylori</i> infection and anemia age dependent?. <i>Helicobacter</i> , 2010 , 15, 467-72	4.9	27
81	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	4.9	24
80	Seroprevalence, correlates and trends of <i>Helicobacter pylori</i> infection in the Israeli population. <i>Epidemiology and Infection</i> , 2012 , 140, 1207-14	4.3	24
79	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	4	23
78	<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, 262-4	2.8	23
77	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, 108-13	4.9	23
76	<i>Helicobacter pylori</i> Infection in Early Childhood and Growth at School Age. <i>Helicobacter</i> , 2015 , 20, 410-7	4.9	22
75	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, 1431-42	4.3	22
74	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	9.3	21
73	<i>Helicobacter pylori</i> Infection and Children's Growth: An Overview. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016 , 62, e48-59	2.8	20
72	Correlates of generalized anxiety disorder: independent of co-morbidity with depression: findings from the first Israeli National Health Interview Survey (2003-2004). <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2008 , 43, 898-904	4.5	20
71	A nationwide analysis of population group differences in the COVID-19 epidemic in Israel, February 2020-February 2021. <i>Lancet Regional Health - Europe</i> , 2021 , 7, 100130		20
70	Depressive symptoms, risk factors and sleep in asthma: results from a national Israeli health survey. <i>General Hospital Psychiatry</i> , 2012 , 34, 17-23	5.6	19

69	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, e35-42	11.6	19
68	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	2.6	17
67	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, 2475-82	4.4	16
66	<i>Helicobacter pylori</i> infection affects immune responses following vaccination of typhoid-naive U.S. adults with attenuated <i>Salmonella typhi</i> oral vaccine CVD 908-htrA. <i>Journal of Infectious Diseases</i> , 2014 , 209, 1452-8	7	16
65	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	9.5	15
64	Incidence of rotavirus gastroenteritis hospitalizations and genotypes, before and five years after introducing universal immunization in Israel. <i>Vaccine</i> , 2016 , 34, 5916-5922	4.1	15
63	Determinates of underutilization of amniocentesis among Israeli Arab women. <i>Prenatal Diagnosis</i> , 2010 , 30, 138-43	3.2	14
62	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	3.7	13
61	Detection of <i>Helicobacter pylori</i> in stool samples of young children using real-time polymerase chain reaction. <i>Helicobacter</i> , 2018 , 23, e12450	4.9	13
60	SARS-CoV-2 Naturally Acquired Immunity vs. Vaccine-induced Immunity, Reinfections versus Breakthrough Infections: a Retrospective Cohort Study.. <i>Clinical Infectious Diseases</i> , 2022 ,	11.6	13
59	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	2.6	12
58	Psychological distress is independently associated with physical inactivity in Israeli adults. <i>Preventive Medicine</i> , 2010 , 50, 118-22	4.3	12
57	Physical inactivity among adults with diabetes mellitus and depressive symptoms: results from two independent national health surveys. <i>General Hospital Psychiatry</i> , 2010 , 32, 570-6	5.6	12
56	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, 524-7	2.8	12
55	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	4.9	12
54	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, 688-90	3.4	11
53	Sero-prevalence of mumps antibodies in subpopulations subsequently affected by a large scale mumps epidemic in Israel. <i>Vaccine</i> , 2011 , 29, 3878-82	4.1	11
52	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	3.4	10

51	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,	19.8	9
50	Associations of Helicobacter pylori infection and peptic disease with diabetic mellitus: Results from a large population-based study. <i>PLoS ONE</i> , 2017 , 12, e0183687	3.7	8
49	Helicobacter pylori infection and prevalence of stroke. <i>Helicobacter</i> , 2019 , 24, e12553	4.9	8
48	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. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2006 , 43, 398-401	2.8	7
47	Nocardia 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	5.3	7
46	Clinical correlates of nocardiosis. <i>Scientific Reports</i> , 2020 , 10, 14272	4.9	7
45	A game theoretic approach reveals that discretizing clinical information can reduce antibiotic misuse. <i>Nature Communications</i> , 2021 , 12, 1148	17.4	7
44	Helicobacter pylori infection and anemia. <i>American Journal of Tropical Medicine and Hygiene</i> , 2013 , 89, 398	3.2	6
43	Helicobacter pylori and the intestinal microbiome among healthy school-age children. <i>Helicobacter</i> , 2021 , 26, e12854	4.9	6
42	Sero-prevalence of Helicobacter pylori CagA immunoglobulin G antibody, serum pepsinogens and haemoglobin levels in adults. <i>Scientific Reports</i> , 2018 , 8, 17616	4.9	6
41	COVID-19 vaccination in Israel. <i>Clinical Microbiology and Infection</i> , 2021 , 27, 1570-1574	9.5	6
40	Rotavirus vaccines in Israel: Uptake and impact. <i>Human Vaccines and Immunotherapeutics</i> , 2017 , 13, 1722-1727	17.27	5
39	Burden and risk factors of Shigella sonnei shigellosis among children aged 0-59 months in hyperendemic communities in Israel. <i>International Journal of Infectious Diseases</i> , 2019 , 82, 117-123	10.5	5
38	Helicobacter pylori infection, serum pepsinogens, and pediatric abdominal pain: a pilot study. <i>European Journal of Pediatrics</i> , 2017 , 176, 1099-1105	4.1	5
37	Effects of BNT162b2 Covid-19 Vaccine Booster in Long-Term Care Facilities in Israel.. <i>New England Journal of Medicine</i> , 2021 ,	59.2	5
36	Effectiveness of BNT162b2 mRNA COVID-19 vaccine against acquisitions of SARS-CoV-2 among health care workers in long-term care facilities: a prospective cohort study. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	5
35	Shiga toxin producing -associated diarrhea and hemolytic uremic syndrome in young children in Romania. <i>Gut Pathogens</i> , 2019 , 11, 46	5.4	4
34	Validation of parental reports of rotavirus vaccination of their children compared to the national immunization registry. <i>Vaccine</i> , 2019 , 37, 2791-2796	4.1	4

33	Correlates of non-typhoidal Salmonella bacteraemia: A case-control study. <i>International Journal of Infectious Diseases</i> , 2019 , 81, 170-175	10.5	4
32	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	3	4
31	Associations of Helicobacter pylori seropositivity and gastric inflammation with pediatric asthma. <i>Pediatric Pulmonology</i> , 2020 , 55, 2236-2245	3.5	4
30	Socioeconomic inequalities and severe obesity-Sex differences in a nationwide study of 1.12 million Israeli adolescents. <i>Pediatric Obesity</i> , 2020 , 15, e12681	4.6	4
29	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	3.4	4
28	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	1.7	3
27	Correlates of infection with positive and negative cytotoxin-associated gene A phenotypes among Arab and Jewish residents of Jerusalem. <i>Epidemiology and Infection</i> , 2019 , 147, e276	4.3	3
26	Correlates of hospitalizations in internal medicine divisions among Israeli adults of different ethnic groups with hypertension, diabetes and cardiovascular diseases. <i>PLoS ONE</i> , 2019 , 14, e0215639	3.7	3
25	Comparisons between ethnic groups in hospitalizations for respiratory syncytial virus bronchiolitis in Israel. <i>PLoS ONE</i> , 2019 , 14, e0214197	3.7	3
24	No evidence of an increase in the incidence of norovirus gastroenteritis hospitalizations in young children after the introduction of universal rotavirus immunization in Israel. <i>Human Vaccines and Immunotherapeutics</i> , 2019 , 15, 1284-1293	4.4	3
23	Helicobacter pylori Infection and Diabetes Mellitus 2016 ,		3
22	Effects of rotavirus vaccine on all-cause acute gastroenteritis and rotavirus hospitalizations in Israel: A nationwide analysis. <i>Vaccine</i> , 2020 , 38, 2406-2415	4.1	3
21	Characterization of human parainfluenza virus-3 circulating in Israel, 2012-2015. <i>Journal of Clinical Virology</i> , 2018 , 107, 19-24	14.5	3
20	Pre-existing Helicobacter pylori 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	4.9	3
19	Sero-Prevalence and Sero-Incidence of Antibodies to SARS-CoV-2 in Health Care Workers in Israel, Prior to Mass COVID-19 Vaccination. <i>Frontiers in Medicine</i> , 2021 , 8, 689994	4.9	3
18	The Associations between Diet and Socioeconomic Disparities and the Intestinal Microbiome in Preadolescence. <i>Nutrients</i> , 2021 , 13,	6.7	3
17	Incidence and risk factors of hospitalisations for respiratory syncytial virus among children aged less than two years.. <i>Epidemiology and Infection</i> , 2022 , 1-30	4.3	2
16	The incidence of acute pulmonary embolism following syncope in anticoagulant-naïve patients: A retrospective cohort study. <i>PLoS ONE</i> , 2018 , 13, e0193725	3.7	2

15	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	6.2	2
14	Physicians' adherence to management guidelines for H. pylori infection and gastroesophageal reflux disease: a cross-sectional study. <i>Israel Journal of Health Policy Research</i> , 2020 , 9, 28	1.7	1
13	Helicobacter pylori infection, serum pepsinogens as markers of atrophic gastritis, and leukocyte telomere length: a population-based study. <i>Human Genomics</i> , 2019 , 13, 32	6.8	1
12	Differences in glycated hemoglobin levels and cholesterol levels in individuals with diabetes according to Helicobacter pylori infection. <i>Scientific Reports</i> , 2021 , 11, 8416	4.9	1
11	Antibody Response to Pertussis Vaccination in Pregnant and Non-Pregnant Women-The Role of Sex Hormones. <i>Vaccines</i> , 2021 , 9,	5.3	1
10	A survey of primary-care pediatricians regarding the management of Helicobacter pylori infection and celiac disease. <i>Israel Journal of Health Policy Research</i> , 2019 , 8, 88	1.7	1
9	Convulsions in children hospitalized for acute gastroenteritis. <i>Scientific Reports</i> , 2021 , 11, 15874	4.9	1
8	Clostridium difficile-associated disease and Helicobacter pylori seroprevalence: A case-control study. <i>Helicobacter</i> , 2020 , 25, e12668	4.9	0
7	Socioeconomic disparities and household crowding in association with the fecal microbiome of school-age children.. <i>Npj Biofilms and Microbiomes</i> , 2022 , 8, 10	8.2	0
6	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	5.1	0
5	Norovirus in patients with gastroenteritis. <i>Lancet Infectious Diseases, The</i> , 2015 , 15, 508	25.5	
4	Inequalities in non-communicable diseases in Israel - Authors' reply. <i>Lancet, The</i> , 2018 , 391, 537	4.0	
3	Relationship Between 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	4.9	
2	A narrative review of nonspecific effects of pediatric vaccines on child mortality and morbidity. <i>Human Vaccines and Immunotherapeutics</i> , 2021 , 1-15	4.4	
1	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	4.6	