

Hiam Chemaitelly

List of Publications by Citations

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143
papers

3,528
citations

31
h-index

54
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163
ext. papers

6,460
ext. citations

11.7
avg, IF

6.52
L-index

#	Paper	IF	Citations
143	Effectiveness of the BNT162b2 Covid-19 Vaccine against the B.1.1.7 and B.1.351 Variants. <i>New England Journal of Medicine</i> , 2021 , 385, 187-189	59.2	508
142	Waning of BNT162b2 Vaccine Protection against SARS-CoV-2 Infection in Qatar. <i>New England Journal of Medicine</i> , 2021 , 385, e83	59.2	226
141	Seriously misleading results using inverse of Freeman-Tukey double arcsine transformation in meta-analysis of single proportions. <i>Research Synthesis Methods</i> , 2019 , 10, 476-483	7.2	154
140	mRNA-1273 COVID-19 vaccine effectiveness against the B.1.1.7 and B.1.351 variants and severe COVID-19 disease in Qatar. <i>Nature Medicine</i> , 2021 , 27, 1614-1621	50.5	144
139	BNT162b2 and mRNA-1273 COVID-19 vaccine effectiveness against the SARS-CoV-2 Delta variant in Qatar. <i>Nature Medicine</i> , 2021 ,	50.5	104
138	Assessment of the Risk of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Reinfection in an Intense Reexposure Setting. <i>Clinical Infectious Diseases</i> , 2021 , 73, e1830-e1840	11.6	99
137	Characterizing hepatitis C virus epidemiology in Egypt: systematic reviews, meta-analyses, and meta-regressions. <i>Scientific Reports</i> , 2018 , 8, 1661	4.9	83
136	SARS-CoV-2 antibody-positivity protects against reinfection for at least seven months with 95% efficacy. <i>EClinicalMedicine</i> , 2021 , 35, 100861	11.3	77
135	Distinct HIV discordancy patterns by epidemic size in stable sexual partnerships in sub-Saharan Africa. <i>Sexually Transmitted Infections</i> , 2012 , 88, 51-7	2.8	68
134	Argileh smoking among university students: a new tobacco epidemic. <i>Nicotine and Tobacco Research</i> , 2004 , 6, 457-63	4.9	67
133	Knowledge, attitudes, and practices of argileh (water pipe or hubble-bubble) and cigarette smoking among pregnant women in Lebanon. <i>Addictive Behaviors</i> , 2004 , 29, 1821-31	4.2	57
132	Characterizing the Qatar advanced-phase SARS-CoV-2 epidemic. <i>Scientific Reports</i> , 2021 , 11, 6233	4.9	57
131	Protection against the Omicron Variant from Previous SARS-CoV-2 Infection.. <i>New England Journal of Medicine</i> , 2022 ,	59.2	52
130	Sources of HIV incidence among stable couples in sub-Saharan Africa. <i>Journal of the International AIDS Society</i> , 2014 , 17, 18765	5.4	51
129	Epidemiological Impact of SARS-CoV-2 Vaccination: Mathematical Modeling Analyses. <i>Vaccines</i> , 2020 , 8,	5.3	51
128	Effect of narghile and cigarette smoking on newborn birthweight. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2008 , 115, 91-7	3.7	45
127	Association of Prior SARS-CoV-2 Infection With Risk of Breakthrough Infection Following mRNA Vaccination in Qatar. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 1930-1939	27.4	45

126	Validation of the Arabic version of the short Geriatric Depression Scale (GDS-15). <i>International Psychogeriatrics</i> , 2008 , 20, 571-81	3.4	43
125	The Epidemiology of Hepatitis C Virus in the Fertile Crescent: Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2015 , 10, e0135281	3.7	42
124	Characterizing the transitioning epidemiology of herpes simplex virus type 1 in the USA: model-based predictions. <i>BMC Medicine</i> , 2019 , 17, 57	11.4	41
123	Mathematical modeling of the SARS-CoV-2 epidemic in Qatar and its impact on the national response to COVID-19. <i>Journal of Global Health</i> , 2021 , 11, 05005	4.3	40
122	SARS-CoV-2 seroprevalence in the urban population of Qatar: An analysis of antibody testing on a sample of 112,941 individuals. <i>IScience</i> , 2021 , 24, 102646	6.1	39
121	Herd Immunity against Severe Acute Respiratory Syndrome Coronavirus 2 Infection in 10 Communities, Qatar. <i>Emerging Infectious Diseases</i> , 2021 , 27, 1343-1352	10.2	38
120	Hepatitis C virus genotypes in the Middle East and North Africa: Distribution, diversity, and patterns. <i>Journal of Medical Virology</i> , 2018 , 90, 131-141	19.7	37
119	The Epidemiology of Herpes Simplex Virus Type 1 in Asia: Systematic Review, Meta-analyses, and Meta-regressions. <i>Clinical Infectious Diseases</i> , 2019 , 68, 757-772	11.6	37
118	The role of gender in the association of social capital, social support, and economic security with self-rated health among older adults in deprived communities in Beirut. <i>Quality of Life Research</i> , 2013 , 22, 1371-9	3.7	37
117	Assessment of the risk of SARS-CoV-2 reinfection in an intense re-exposure setting		36
116	Effect of mRNA Vaccine Boosters against SARS-CoV-2 Omicron Infection in Qatar.. <i>New England Journal of Medicine</i> , 2022 ,	59.2	36
115	The risk of HIV transmission within HIV-1 sero-discordant couples appears to vary across sub-Saharan Africa. <i>Epidemics</i> , 2014 , 6, 1-9	5.1	34
114	Pfizer-BioNTech mRNA BNT162b2 Covid-19 vaccine protection against variants of concern after one versus two doses. <i>Journal of Travel Medicine</i> , 2021 , 28,	12.9	33
113	BNT162b2 and mRNA-1273 COVID-19 vaccine effectiveness against the Delta (B.1.617.2) variant in Qatar		32
112	Only a fraction of new HIV infections occur within identifiable stable discordant couples in sub-Saharan Africa. <i>Aids</i> , 2013 , 27, 251-60	3.5	31
111	Outcomes Among Patients with Breakthrough SARS-CoV-2 Infection After Vaccination. <i>International Journal of Infectious Diseases</i> , 2021 , 110, 353-358	10.5	31
110	The epidemiology of hepatitis C virus in Afghanistan: systematic review and meta-analysis. <i>International Journal of Infectious Diseases</i> , 2015 , 40, 54-63	10.5	29
109	Severity of SARS-CoV-2 Reinfections as Compared with Primary Infections. <i>New England Journal of Medicine</i> , 2021 ,	59.2	27

108	Associations of Vaccination and of Prior Infection With Positive PCR Test Results for SARS-CoV-2 in Airline Passengers Arriving in Qatar. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 185-188	27.4	27
107	Characterizing herpes simplex virus type 1 and type 2 seroprevalence declines and epidemiological association in the United States. <i>PLoS ONE</i> , 2019 , 14, e0214151	3.7	26
106	Real-Time SARS-CoV-2 Genotyping by High-Throughput Multiplex PCR Reveals the Epidemiology of the Variants of Concern in Qatar. <i>International Journal of Infectious Diseases</i> , 2021 , 112, 52-54	10.5	25
105	Efficacy of Natural Immunity against SARS-CoV-2 Reinfection with the Beta Variant.. <i>New England Journal of Medicine</i> , 2021 , 385, 2585-2586	59.2	24
104	Hepatitis C virus viremic rate in the Middle East and North Africa: Systematic synthesis, meta-analyses, and meta-regressions. <i>PLoS ONE</i> , 2017 , 12, e0187177	3.7	24
103	Age could be driving variable SARS-CoV-2 epidemic trajectories worldwide. <i>PLoS ONE</i> , 2020 , 15, e0237957	3.7	24
102	Effects of Previous Infection and Vaccination on Symptomatic Omicron Infections. <i>New England Journal of Medicine</i> ,	59.2	24
101	Protocol for a systematic review and meta-analysis of hepatitis C virus (HCV) prevalence and incidence in the Horn of Africa sub-region of the Middle East and North Africa. <i>Systematic Reviews</i> , 2014 , 3, 146	3	23
100	SARS-CoV-2 Infection Is at Herd Immunity in the Majority Segment of the Population of Qatar. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab221	1	23
99	Herpes simplex virus type 1 epidemiology in the Middle East and North Africa: systematic review, meta-analyses, and meta-regressions. <i>Scientific Reports</i> , 2019 , 9, 1136	4.9	22
98	Waning of BNT162b2 vaccine protection against SARS-CoV-2 infection in Qatar		22
97	SARS-CoV-2 infection hospitalization, severity, criticality, and fatality rates in Qatar. <i>Scientific Reports</i> , 2021 , 11, 18182	4.9	22
96	Characterizing the Qatar advanced-phase SARS-CoV-2 epidemic		21
95	HIV epidemiology among female sex workers and their clients in the Middle East and North Africa: systematic review, meta-analyses, and meta-regressions. <i>BMC Medicine</i> , 2019 , 17, 119	11.4	20
94	SARS-CoV-2 reinfection in a cohort of 43,000 antibody-positive individuals followed for up to 35 weeks		20
93	External infections contribute minimally to HIV incidence among HIV sero-discordant couples in sub-Saharan Africa. <i>Sexually Transmitted Infections</i> , 2013 , 89, 138-41	2.8	19
92	Introduction and expansion of the SARS-CoV-2 B.1.1.7 variant and reinfections in Qatar: A nationally representative cohort study.. <i>PLoS Medicine</i> , 2021 , 18, e1003879	11.6	19
91	Waning mRNA-1273 Vaccine Effectiveness against SARS-CoV-2 Infection in Qatar.. <i>New England Journal of Medicine</i> , 2022 ,	59.2	18

90	An apparent lack of epidemiologic association between hepatitis C virus knowledge and the prevalence of hepatitis C infection in a national survey in Egypt. <i>PLoS ONE</i> , 2013 , 8, e69803	3.7	18
89	Epidemiology of hepatitis C virus among hemodialysis patients in the Middle East and North Africa: systematic syntheses, meta-analyses, and meta-regressions. <i>Epidemiology and Infection</i> , 2017 , 145, 3243-3263	4.3	17
88	Characterizing key attributes of COVID-19 transmission dynamics in China's original outbreak: Model-based estimations. <i>Global Epidemiology</i> , 2020 , 2, 100042	2.3	17
87	Dynamics of non-cohabiting sex partnering in sub-Saharan Africa: a modelling study with implications for HIV transmission. <i>Sexually Transmitted Infections</i> , 2015 , 91, 451-7	2.8	17
86	Epidemiological impact of SARS-CoV-2 vaccination: mathematical modeling analyses		17
85	Epidemiology of Chlamydia trachomatis in the Middle East and north Africa: a systematic review, meta-analysis, and meta-regression. <i>The Lancet Global Health</i> , 2019 , 7, e1197-e1225	13.6	16
84	Who to Test for Hepatitis C Virus in the Middle East and North Africa?: Pooled Analyses of 2,500 Prevalence Measures, Including 49 Million Tests. <i>Hepatology Communications</i> , 2019 , 3, 325-339	6	15
83	Individual-level key associations and modes of exposure for hepatitis C virus infection in the Middle East and North Africa: a systematic synthesis. <i>Annals of Epidemiology</i> , 2018 , 28, 452-461	6.4	15
82	Mapping of new HIV infections in Morocco and impact of select interventions. <i>International Journal of Infectious Diseases</i> , 2018 , 68, 4-12	10.5	15
81	Severity of Illness in Persons Infected With the SARS-CoV-2 Delta Variant vs Beta Variant in Qatar.. <i>JAMA Internal Medicine</i> , 2021 ,	11.5	15
80	Epidemiological impact of prioritising SARS-CoV-2 vaccination by antibody status: mathematical modelling analyses. <i>BMJ Innovations</i> , 2021 , 7, 327-336	1.8	15
79	Hepatitis C virus infection spontaneous clearance: Has it been underestimated?. <i>International Journal of Infectious Diseases</i> , 2018 , 75, 60-66	10.5	15
78	Herpes simplex virus type 1 epidemiology in Africa: Systematic review, meta-analyses, and meta-regressions. <i>Journal of Infection</i> , 2019 , 79, 289-299	18.9	13
77	Prevention of type II diabetes mellitus in Qatar: Who is at risk?. <i>Qatar Medical Journal</i> , 2014 , 2014, 70-81	0.5	13
76	Relative infectiousness of SARS-CoV-2 vaccine breakthrough infections, reinfections, and primary infections.. <i>Nature Communications</i> , 2022 , 13, 532	17.4	13
75	SARS-CoV-2 vaccine effectiveness in preventing confirmed infection in pregnant women. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	13
74	Seroprevalence of SARS-CoV-2 infection in the craft and manual worker population of Qatar		12
73	SARS-CoV-2 infection hospitalization, severity, criticality, and fatality rates		12

72	Does infection with induce long-lasting partial immunity? Insights from mathematical modelling. <i>Sexually Transmitted Infections</i> , 2019 , 95, 115-121	2.8	12
71	Duration of mRNA vaccine protection against SARS-CoV-2 Omicron BA.1 and BA.2 subvariants in Qatar. <i>Nature Communications</i> , 2022 , 13,	17.4	12
70	Characterizing key attributes of the epidemiology of COVID-19 in China: Model-based estimations		11
69	COVID-19 Disease Severity in Children Infected with the Omicron Variant.. <i>Clinical Infectious Diseases</i> , 2022 ,	11.6	11
68	Developing capacities in aging studies in the Middle East: Implementation of an Arabic version of the CANE IV among community-dwelling older adults in Lebanon. <i>Aging and Mental Health</i> , 2011 , 15, 605-17	3.5	10
67	Evidence for and level of herd immunity against SARS-CoV-2 infection: the ten-community study		10
66	Two prolonged viremic SARS-CoV-2 infections with conserved viral genome for two months. <i>Infection, Genetics and Evolution</i> , 2021 , 88, 104684	4.5	10
65	Work and mental health: the case of older men living in underprivileged communities in Lebanon. <i>Ageing and Society</i> , 2010 , 30, 25-40	1.7	9
64	Effectiveness of mRNA-1273 and BNT162b2 Vaccines in Qatar.. <i>New England Journal of Medicine</i> , 2022 ,	59.2	9
63	Epidemiological Differences in the Impact of COVID-19 Vaccination in the United States and China. <i>Vaccines</i> , 2021 , 9,	5.3	9
62	Protection afforded by the BNT162b2 and mRNA-1273 COVID-19 vaccines in fully vaccinated cohorts with and without prior infection		9
61	The status of hepatitis C virus infection among people who inject drugs in the Middle East and North Africa. <i>Addiction</i> , 2020 , 115, 1244-1262	4.6	8
60	Protection afforded by prior infection against SARS-CoV-2 reinfection with the Omicron variant		8
59	Severity, criticality, and fatality of the SARS-CoV-2 Beta variant. <i>Clinical Infectious Diseases</i> , 2021 ,	11.6	8
58	Mathematical modeling of the SARS-CoV-2 epidemic in Qatar and its impact on the national response to COVID-19		8
57	SARS-CoV-2 seroprevalence in the urban population of Qatar: An analysis of antibody testing on a sample of 112,941 individuals		8
56	Waning effectiveness of COVID-19 vaccines.. <i>Lancet, The</i> , 2022 , 399, 771-773	4.0	8
55	Characterizing the historical role of parenteral antischistosomal therapy in hepatitis C virus transmission in Egypt. <i>International Journal of Epidemiology</i> , 2020 , 49, 798-809	7.8	7

54	Analytic comparison between three high-throughput commercial SARS-CoV-2 antibody assays reveals minor discrepancies in a high-incidence population. <i>Scientific Reports</i> , 2021 , 11, 11837	4.9	7
53	Real-Time SARS-CoV-2 Genotyping by High-Throughput Multiplex PCR Reveals the Epidemiology of the Variants of Concern in Qatar		7
52	Self-rated health disparities among disadvantaged older adults in ethnically diverse urban neighborhoods in a Middle Eastern country. <i>Ethnicity and Health</i> , 2017 , 22, 490-509	2.2	6
51	Duration of protection of BNT162b2 and mRNA-1273 COVID-19 vaccines against symptomatic SARS-CoV-2 Omicron infection in Qatar		6
50	The importance of diabetes mellitus in the global epidemic of cardiovascular disease: the case of the state of Qatar. <i>Transactions of the American Clinical and Climatological Association</i> , 2012 , 123, 193-207; discussion 207-8	0.9	6
49	Age could be driving variable SARS-CoV-2 epidemic trajectories worldwide		6
48	Key associations for hepatitis C virus genotypes in the Middle East and North Africa. <i>Journal of Medical Virology</i> , 2020 , 92, 386-393	19.7	6
47	Epidemiological Impact of Novel Preventive and Therapeutic HSV-2 Vaccination in the United States: Mathematical Modeling Analyses. <i>Vaccines</i> , 2020 , 8,	5.3	6
46	Protection of Omicron sub-lineage infection against reinfection with another Omicron sub-lineage		6
45	Epidemiology of , , , and herpes simplex virus type 2 among female sex workers in the Middle East and North Africa: systematic review and meta-analytics. <i>Journal of Global Health</i> , 2019 , 9, 020408	4.3	5
44	Estimates of global SARS-CoV-2 infection exposure, infection morbidity, and infection mortality rates in 2020. <i>Global Epidemiology</i> , 2021 , 3, 100068	2.3	5
43	Are commercial antibody assays substantially underestimating SARS-CoV-2 ever infection? An analysis on a population-based sample in a high exposure setting		5
42	Effect of vaccination and of prior infection on infectiousness of vaccine breakthrough infections and reinfections		5
41	Global epidemiology of in infertile populations: systematic review, meta-analysis and metaregression. <i>Sexually Transmitted Infections</i> , 2021 , 97, 157-169	2.8	5
40	Duration of mRNA vaccine protection against SARS-CoV-2 Omicron BA.1 and BA.2 subvariants in Qatar		5
39	Global epidemiology of in infertile populations: protocol for a systematic review. <i>BMJ Open</i> , 2019 , 9, e025808	3	4
38	Estimating protection afforded by prior infection in preventing reinfection: Applying the test-negative study design		4
37	Characterizing HIV epidemiology in stable couples in Cambodia, the Dominican Republic, Haiti, and India. <i>Epidemiology and Infection</i> , 2016 , 144, 90-6	4.3	4

36	Diagnosing type 2 diabetes using Hemoglobin A1c: a systematic review and meta-analysis of the diagnostic cutpoint based on microvascular complications. <i>Acta Diabetologica</i> , 2021 , 58, 279-300	3.9	4
35	Epidemiological impact of prioritizing SARS-CoV-2 vaccination by antibody status: Mathematical modeling analyses		4
34	Estimating the annual risk of HIV transmission within HIV sero-discordant couples in sub-Saharan Africa. <i>International Journal of Infectious Diseases</i> , 2018 , 66, 131-134	10.5	4
33	Prevention during the epidemiologic shift to chronic illness: a case control study of risk factors associated with cardiovascular disease in Qatar 2013 , 2013,		3
32	Effectiveness of BNT162b2 and mRNA-1273 COVID-19 boosters against SARS-CoV-2 Omicron (B.1.1.529) infection in Qatar		3
31	Analyzing inherent biases in SARS-CoV-2 PCR and serological epidemiologic metrics		3
30	COVID-19 risk score as a public health tool to guide targeted testing: A demonstration study in Qatar		3
29	Effects of BA.1/BA.2 subvariant, vaccination, and prior infection on infectiousness of SARS-CoV-2 Omicron infections		3
28	Hepatitis C Virus Infection in Populations With Liver-Related Diseases in the Middle East and North Africa. <i>Hepatology Communications</i> , 2020 , 4, 577-587	6	2
27	Waning of mRNA-1273 vaccine effectiveness against SARS-CoV-2 infection in Qatar		2
26	Protection offered by mRNA-1273 versus BNT162b2 vaccines against SARS-CoV-2 infection and severe COVID-19 in Qatar		2
25	Can the COVID-19 pandemic still be suppressed? Putting essential pieces together. <i>Journal of Global Health Reports</i> ,	1.1	2
24	Hepatitis C Virus in the Middle East and North Africa 2019 , 1-27		2
23	Analytic Characterization of the Herpes Simplex Virus Type 2 Epidemic in the United States, 1950-2050. <i>Open Forum Infectious Diseases</i> , 2021 , 8, ofab218	1	2
22	Severity, criticality, and fatality of the SARS-CoV-2 Beta variant		2
21	SARS-CoV-2 vaccine effectiveness in immunosuppressed kidney transplant recipients		2
20	Protection of prior natural infection compared to mRNA vaccination against SARS-CoV-2 infection and severe COVID-19 in Qatar		2
19	SARS-CoV-2 infection rates in arriving air Travelers in Qatar. <i>Journal of Travel Medicine</i> , 2021 ,	12.9	1

18	Characterizing the effective reproduction number during the COVID-19 epidemic: Insights from Qatar's experience		1
17	The HIV Epidemic in the Middle East and North Africa: Key Lessons 2020 , 1-27		1
16	Estimates of global SARS-CoV-2 infection exposure, infection morbidity, and infection mortality rates		1
15	Assessing the performance of a serological point-of-care test in measuring detectable antibodies against SARS-CoV-2		1
14	Inclusion of cycle threshold (CT) values when reporting SARS-CoV-2 RT-PCR results improves clinical Interpretation in suspected and confirmed COVID-19		1
13	Assessing the performance of a serological point-of-care test in measuring detectable antibodies against SARS-CoV-2.. <i>PLoS ONE</i> , 2022 , 17, e0262897	3.7	○
12	Characterizing the effective reproduction number during the COVID-19 pandemic: Insights from Qatar's experience.. <i>Journal of Global Health</i> , 2022 , 12, 05004	4.3	○
11	HSV-2 as a biomarker of HIV epidemic potential in female sex workers: meta-analysis, global epidemiology and implications. <i>Scientific Reports</i> , 2020 , 10, 19293	4.9	○
10	Development, translation, and validation of a bilingual questionnaire on unused medications in homes. <i>Saudi Pharmaceutical Journal</i> , 2021 , 29, 648-655	4.4	○
9	Hepatitis C virus among blood donors and general population in Middle East and North Africa: Meta-analyses and meta-regressions. <i>World Journal of Meta-analysis</i> , 2022 , 10, 12-24	0.5	○
8	First characterisation of antimicrobial susceptibility and resistance of Neisseria gonorrhoeae isolates in Qatar, 2017-2020.. <i>PLoS ONE</i> , 2022 , 17, e0264737	3.7	○
7	Analyzing inherent biases in SARS-CoV-2 PCR and serological epidemiologic metrics.. <i>BMC Infectious Diseases</i> , 2022 , 22, 458	4	○
6	P10.15 The epidemiology of hepatitis c virus in afghanistan: a systematic review and meta-analysis. <i>Sexually Transmitted Infections</i> , 2015 , 91, A170.2-A171	2.8	
5	Reply to Brijwal et al. <i>Clinical Infectious Diseases</i> , 2019 , 68, 1784	11.6	
4	Temporal evolution of HIV sero-discordancy patterns among stable couples in sub-Saharan Africa. <i>PLoS ONE</i> , 2018 , 13, e0196613	3.7	
3	Hepatitis C Virus in the Middle East and North Africa 2021 , 3027-3052		
2	The HIV Epidemic in the Middle East and North Africa: Key Lessons 2021 , 3053-3079		
1	Modeling the population-level impact of treatment on COVID-19 disease and SARS-CoV-2 transmission.. <i>Epidemics</i> , 2022 , 39, 100567	5.1	

