

# Gheyath K Nasrallah

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/2036964/gheyath-k-nasrallah-publications-by-citations.pdf>

**Version:** 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

170  
papers

4,453  
citations

35  
h-index

62  
g-index

204  
ext. papers

7,730  
ext. citations

8.7  
avg, IF

6.69  
L-index

#	Paper	IF	Citations
170	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> , <b>2021</b> , 385, 187-189	59.2	508
169	Waning of BNT162b2 Vaccine Protection against SARS-CoV-2 Infection in Qatar. <i>New England Journal of Medicine</i> , <b>2021</b> , 385, e83	59.2	226
168	Challenges in Laboratory Diagnosis of the Novel Coronavirus SARS-CoV-2. <i>Viruses</i> , <b>2020</b> , 12,	6.2	200
167	Viruses and Autoimmunity: A Review on the Potential Interaction and Molecular Mechanisms. <i>Viruses</i> , <b>2019</b> , 11,	6.2	153
166	Potential Adverse Effects of Resveratrol: A Literature Review. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	144
165	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> , <b>2021</b> , 27, 1614-1621	50.5	144
164	Review of recent research on biomedical applications of electrospun polymer nanofibers for improved wound healing. <i>Nanomedicine</i> , <b>2016</b> , 11, 715-37	5.6	121
163	BNT162b2 and mRNA-1273 COVID-19 vaccine effectiveness against the SARS-CoV-2 Delta variant in Qatar. <i>Nature Medicine</i> , <b>2021</b> ,	50.5	104
162	Epstein-Barr Virus Epidemiology, Serology, and Genetic Variability of LMP-1 Oncogene Among Healthy Population: An Update. <i>Frontiers in Oncology</i> , <b>2018</b> , 8, 211	5.3	100
161	<i>Pseudomonas aeruginosa</i> : arsenal of resistance mechanisms, decades of changing resistance profiles, and future antimicrobial therapies. <i>Future Microbiology</i> , <b>2015</b> , 10, 1683-706	2.9	96
160	Herbal Medicine for Cardiovascular Diseases: Efficacy, Mechanisms, and Safety. <i>Frontiers in Pharmacology</i> , <b>2020</b> , 11, 422	5.6	80
159	Human Microbiome and its Association With Health and Diseases. <i>Journal of Cellular Physiology</i> , <b>2016</b> , 231, 1688-94	7	78
158	SARS-CoV-2 antibody-positivity protects against reinfection for at least seven months with 95% efficacy. <i>EClinicalMedicine</i> , <b>2021</b> , 35, 100861	11.3	77
157	Anti-cancer properties and mechanisms of action of thymoquinone, the major active ingredient of <i>Nigella sativa</i> . <i>Critical Reviews in Food Science and Nutrition</i> , <b>2017</b> , 57, 3911-3928	11.5	75
156	Recent advances in functional nanostructures as cancer photothermal therapy. <i>International Journal of Nanomedicine</i> , <b>2018</b> , 13, 2897-2906	7.3	75
155	Synthesis, Bioapplications, and Toxicity Evaluation of Chitosan-Based Nanoparticles. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	73
154	A comprehensive review on the anti-cancer properties and mechanisms of action of sesamin, a lignan in sesame seeds ( <i>Sesamum indicum</i> ). <i>European Journal of Pharmacology</i> , <b>2017</b> , 815, 512-521	5.3	69

153	Ecotoxicological assessment of Ti3C2Tx (MXene) using a zebrafish embryo model. <i>Environmental Science: Nano</i> , <b>2018</b> , 5, 1002-1011	7.1	67
152	Synthesis, characterization, and antimicrobial properties of novel double layer nanocomposite electrospun fibers for wound dressing applications. <i>International Journal of Nanomedicine</i> , <b>2017</b> , 12, 2205-2213	7.3	61
151	Using Zebrafish for Investigating the Molecular Mechanisms of Drug-Induced Cardiotoxicity. <i>BioMed Research International</i> , <b>2018</b> , 2018, 1642684	3	58
150	The incidence of the novel coronavirus SARS-CoV-2 among asymptomatic patients: A systematic review. <i>International Journal of Infectious Diseases</i> , <b>2020</b> , 98, 372-380	10.5	57
149	Protection against the Omicron Variant from Previous SARS-CoV-2 Infection.. <i>New England Journal of Medicine</i> , <b>2022</b> ,	59.2	52
148	D-Dimer Concentrations and COVID-19 Severity: A Systematic Review and Meta-Analysis. <i>Frontiers in Public Health</i> , <b>2020</b> , 8, 432	6	49
147	Adipose tissue dysfunction in cancer cachexia. <i>Journal of Cellular Physiology</i> , <b>2018</b> , 234, 13-22	7	46
146	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> , <b>2021</b> , 326, 1930-1939	27.4	45
145	Green ZnO-Interlinked Chitosan Nanoparticles for the Efficient Inhibition of Sulfate-Reducing Bacteria in Inject Seawater. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2018</b> , 6, 3896-3906	8.3	43
144	The purified and recombinant Legionella pneumophila chaperonin alters mitochondrial trafficking and microfilament organization. <i>Infection and Immunity</i> , <b>2009</b> , 77, 4724-39	3.7	43
143	Laboratory challenges in the diagnosis of hepatitis E virus. <i>Journal of Medical Microbiology</i> , <b>2018</b> , 67, 466-480	3.2	43
142	Glycine and Folate Ameliorate Models of Congenital Sideroblastic Anemia. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1005783		42
141	A Potential Link Between Oxidative Stress and Endothelial-to-Mesenchymal Transition in Systemic Sclerosis. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 1985	8.4	42
140	Zebrafish mast cells possess an FcεRI-like receptor and participate in innate and adaptive immune responses. <i>Developmental and Comparative Immunology</i> , <b>2011</b> , 35, 125-34	3.2	41
139	Emerging cellular and molecular determinants of idiopathic pulmonary fibrosis. <i>Cellular and Molecular Life Sciences</i> , <b>2021</b> , 78, 2031-2057	10.3	40
138	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> , <b>2021</b> , 24, 102646	6.1	39
137	Seroprevalence of hepatitis E virus among blood donors in Qatar (2013-2016). <i>Transfusion</i> , <b>2017</b> , 57, 1801-1807	2.9	36
136	Effect of mRNA Vaccine Boosters against SARS-CoV-2 Omicron Infection in Qatar.. <i>New England Journal of Medicine</i> , <b>2022</b> ,	59.2	36

135	Legionella pneumophila requires polyamines for optimal intracellular growth. <i>Journal of Bacteriology</i> , <b>2011</b> , 193, 4346-60	3.5	34
134	Pfizer-BioNTech mRNA BNT162b2 Covid-19 vaccine protection against variants of concern after one versus two doses. <i>Journal of Travel Medicine</i> , <b>2021</b> , 28,	12.9	33
133	Comparative Serological Study for the Prevalence of Anti-MERS Coronavirus Antibodies in High- and Low-Risk Groups in Qatar. <i>Journal of Immunology Research</i> , <b>2019</b> , 2019, 1386740	4.5	32
132	Prevalence and molecular profiling of Epstein Barr virus (EBV) among healthy blood donors from different nationalities in Qatar. <i>PLoS ONE</i> , <b>2017</b> , 12, e0189033	3.7	32
131	BNT162b2 and mRNA-1273 COVID-19 vaccine effectiveness against the Delta (B.1.617.2) variant in Qatar		32
130	Flavin Oxidase-Induced ROS Generation Modulates PKC Biphasic Effect of Resveratrol on Endothelial Cell Survival. <i>Biomolecules</i> , <b>2019</b> , 9,	5.9	31
129	Plasmonic MXene-based nanocomposites exhibiting photothermal therapeutic effects with lower acute toxicity than pure MXene. <i>International Journal of Nanomedicine</i> , <b>2019</b> , 14, 4529-4539	7.3	30
128	Detection and genotyping of torque teno virus (TTV) in healthy blood donors and patients infected with HBV or HCV in Qatar. <i>Journal of Medical Virology</i> , <b>2015</b> , 87, 1184-91	19.7	30
127	Prevalence of anelloviruses (TTV, TTMDV, and TTMV) in healthy blood donors and in patients infected with HBV or HCV in Qatar. <i>Virology Journal</i> , <b>2016</b> , 13, 208	6.1	29
126	Metagenomic analysis demonstrates the diversity of the fecal virome in asymptomatic pigs in East Africa. <i>Archives of Virology</i> , <b>2016</b> , 161, 887-97	2.6	28
125	Mixed Viral-Bacterial Infections and Their Effects on Gut Microbiota and Clinical Illnesses in Children. <i>Scientific Reports</i> , <b>2019</b> , 9, 865	4.9	26
124	Seroprevalence and incidence of hepatitis E virus among blood donors: A review. <i>Reviews in Medical Virology</i> , <b>2017</b> , 27, e1937	11.7	26
123	Resveratrol Inhibits Oxidative Stress and Prevents Mitochondrial Damage Induced by Zinc Oxide Nanoparticles in Zebrafish (). <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	25
122	Efficacy of Natural Immunity against SARS-CoV-2 Reinfection with the Beta Variant.. <i>New England Journal of Medicine</i> , <b>2021</b> , 385, 2585-2586	59.2	24
121	Immune Modulatory Effects of Vitamin D on Viral Infections. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	24
120	Estimating seroprevalence of herpes simplex virus type 1 among different Middle East and North African male populations residing in Qatar. <i>Journal of Medical Virology</i> , <b>2018</b> , 90, 184-190	19.7	24
119	Effects of Previous Infection and Vaccination on Symptomatic Omicron Infections. <i>New England Journal of Medicine</i> ,	59.2	24
118	Molecular Subtyping of Blastocystis from Diverse Animals in the United Arab Emirates. <i>Protist</i> , <b>2019</b> , 170, 125679	2.5	23

117	Detection and phylogenetic analysis of human pegivirus (GBV-C) among blood donors and patients infected with hepatitis B virus (HBV) in Qatar. <i>Journal of Medical Virology</i> , <b>2015</b> , 87, 2074-81	19.7	23
116	SARS-CoV-2 Infection Is at Herd Immunity in the Majority Segment of the Population of Qatar. <i>Open Forum Infectious Diseases</i> , <b>2021</b> , 8, ofab221	1	23
115	Toxicity evaluation of selected ionic liquid compounds on embryonic development of Zebrafish. <i>Ecotoxicology and Environmental Safety</i> , <b>2018</b> , 161, 17-24	7	23
114	A systematic investigation of the bio-toxicity of core-shell magnetic mesoporous silica microspheres using zebrafish model. <i>Microporous and Mesoporous Materials</i> , <b>2018</b> , 265, 195-201	5.3	22
113	Waning of BNT162b2 vaccine protection against SARS-CoV-2 infection in Qatar		22
112	Impaired Liver Size and Compromised Neurobehavioral Activity are Elicited by Chitosan Nanoparticles in the Zebrafish Embryo Model. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	21
111	SARS-CoV-2 reinfection in a cohort of 43,000 antibody-positive individuals followed for up to 35 weeks		20
110	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> , <b>2021</b> , 18, e1003879	11.6	19
109	The Legionella pneumophila Chaperonin - An Unusual Multifunctional Protein in Unusual Locations. <i>Frontiers in Microbiology</i> , <b>2011</b> , 2, 122	5.7	18
108	Ecotoxicological Assessment of Thermally- and Hydrogen-Reduced Graphene Oxide/TiO <sub>2</sub> Photocatalytic Nanocomposites Using the Zebrafish Embryo Model. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	17
107	Herpes Simplex Virus Type 2 Seroprevalence Among Different National Populations of Middle East and North African Men. <i>Sexually Transmitted Diseases</i> , <b>2018</b> , 45, 482-487	2.4	17
106	Severe acute respiratory syndrome coronavirus-2 natural animal reservoirs and experimental models: systematic review. <i>Reviews in Medical Virology</i> , <b>2021</b> , 31, e2196	11.7	17
105	Distinct antibody repertoires against endemic human coronaviruses in children and adults. <i>JCI Insight</i> , <b>2021</b> , 6,	9.9	17
104	Protective Effect of Cyclically Pressurized Solid-Liquid Extraction Polyphenols from Grape Pomace on Oxidative Endothelial Cell Death. <i>Molecules</i> , <b>2018</b> , 23,	4.8	16
103	Cysteamine revisited: repair of arginine to cysteine mutations. <i>Journal of Inherited Metabolic Disease</i> , <b>2017</b> , 40, 555-567	5.4	15
102	Performance evaluation of five commercial assays in assessing seroprevalence of HEV antibodies among blood donors. <i>Journal of Medical Microbiology</i> , <b>2018</b> , 67, 1302-1309	3.2	15
101	Epidemiological impact of prioritising SARS-CoV-2 vaccination by antibody status: mathematical modelling analyses. <i>BMJ Innovations</i> , <b>2021</b> , 7, 327-336	1.8	15
100	Rates of infection and phylogenetic analysis of GB virus-C among Kuwaiti and Jordanian blood donors. <i>Intervirology</i> , <b>2010</b> , 53, 402-7	2.5	14

99	Relative infectiousness of SARS-CoV-2 vaccine breakthrough infections, reinfections, and primary infections.. <i>Nature Communications</i> , <b>2022</b> , 13, 532	17.4	13
98	Seroprevalence of SARS-CoV-2 infection in the craft and manual worker population of Qatar		12
97	Performance evaluation of five ELISA kits for detecting anti-SARS-COV-2 IgG antibodies. <i>International Journal of Infectious Diseases</i> , <b>2021</b> , 102, 181-187	10.5	12
96	Evaluation of Antibody Response in Symptomatic and Asymptomatic COVID-19 Patients and Diagnostic Assessment of New IgM/IgG ELISA Kits. <i>Pathogens</i> , <b>2021</b> , 10,	4.5	12
95	Duration of mRNA vaccine protection against SARS-CoV-2 Omicron BA.1 and BA.2 subvariants in Qatar. <i>Nature Communications</i> , <b>2022</b> , 13,	17.4	12
94	Biocompatibility and toxicity of novel iron chelator Starch-Deferoxamine (S-DFO) compared to zinc oxide nanoparticles to zebrafish embryo: An oxidative stress based apoptosis, physicochemical and neurological study profile. <i>Neurotoxicology and Teratology</i> , <b>2019</b> , 72, 29-38	3.9	11
93	Systematic Review of the Respiratory Syncytial Virus (RSV) Prevalence, Genotype Distribution, and Seasonality in Children from the Middle East and North Africa (MENA) Region. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	11
92	Enhanced detection of respiratory syncytial virus by shell vial in children hospitalised with respiratory illnesses in northern Jordan. <i>Journal of Medical Virology</i> , <b>2000</b> , 62, 518-23	19.7	11
91	Therapeutic potential of flavonoids in cancer: ROS-mediated mechanisms.. <i>Biomedicine and Pharmacotherapy</i> , <b>2022</b> , 146, 112442	7.5	11
90	"Safe" Chitosan/Zinc Oxide Nanocomposite Has Minimal Organ-Specific Toxicity in Early Stages of Zebrafish Development. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 38-47	5.5	11
89	Resveratrol-Elicited PKC Inhibition Counteracts NOX-Mediated Endothelial to Mesenchymal Transition in Human Retinal Endothelial Cells Exposed to High Glucose. <i>Antioxidants</i> , <b>2021</b> , 10,	7.1	11
88	Hepatitis B Virus Molecular Epidemiology, Host-Virus Interaction, Coinfection, and Laboratory Diagnosis in the MENA Region: An Update. <i>Pathogens</i> , <b>2019</b> , 8,	4.5	10
87	Performance evaluation of four type-specific commercial assays for detection of herpes simplex virus type 1 antibodies in a Middle East and North Africa population. <i>Journal of Clinical Virology</i> , <b>2018</b> , 103, 1-7	14.5	10
86	Dengue and chikungunya seroprevalence among Qatari nationals and immigrants residing in Qatar. <i>PLoS ONE</i> , <b>2019</b> , 14, e0211574	3.7	10
85	Diagnostic Efficiency of Three Fully Automated Serology Assays and Their Correlation with a Novel Surrogate Virus Neutralization Test in Symptomatic and Asymptomatic SARS-COV-2 Individuals. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	10
84	Curcumin a colorimetric and fluorimetric cyanide probe in aqueous system and living cells. <i>Analytical Methods</i> , <b>2019</b> , 11, 5169-5176	3.2	9
83	Deletion of potD, encoding a putative spermidine-binding protein, results in a complex phenotype in <i>Legionella pneumophila</i> . <i>International Journal of Medical Microbiology</i> , <b>2014</b> , 304, 703-16	3.7	9
82	Protection afforded by the BNT162b2 and mRNA-1273 COVID-19 vaccines in fully vaccinated cohorts with and without prior infection		9

81	Performance of four diagnostic assays for detecting herpes simplex virus type 2 antibodies in the Middle East and North Africa. <i>Journal of Clinical Virology</i> , <b>2019</b> , 111, 33-38	14.5	8
80	Natural history, with clinical, biochemical, and molecular characterization of classical homocystinuria in the Qatari population. <i>Journal of Inherited Metabolic Disease</i> , <b>2019</b> , 42, 818-830	5.4	8
79	The Current Status of Cytomegalovirus (CMV) Prevalence in the MENA Region: A Systematic Review. <i>Pathogens</i> , <b>2019</b> , 8,	4.5	8
78	Protection afforded by prior infection against SARS-CoV-2 reinfection with the Omicron variant		8
77	Severity, criticality, and fatality of the SARS-CoV-2 Beta variant. <i>Clinical Infectious Diseases</i> , <b>2021</b> ,	11.6	8
76	EndMT Regulation by Small RNAs in Diabetes-Associated Fibrotic Conditions: Potential Link With Oxidative Stress. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 683594	5.7	8
75	SARS-CoV-2 seroprevalence in the urban population of Qatar: An analysis of antibody testing on a sample of 112,941 individuals		8
74	Organ-specific toxicity evaluation of stearamidopropyl dimethylamine (SAPDMA) surfactant using zebrafish embryos. <i>Science of the Total Environment</i> , <b>2020</b> , 741, 140450	10.2	7
73	The Spectrum of Mutations of Homocystinuria in the MENA Region. <i>Genes</i> , <b>2020</b> , 11,	4.2	7
72	Fabrication & Characterization of 3D Electrospun Biodegradable Nanofibers for Wound Dressing, Drug Delivery and Other Tissue Engineering Applications. <i>Pharmaceutical Nanotechnology</i> , <b>2016</b> , 4, 191-201	4	7
71	Analytic comparison between three high-throughput commercial SARS-CoV-2 antibody assays reveals minor discrepancies in a high-incidence population. <i>Scientific Reports</i> , <b>2021</b> , 11, 11837	4.9	7
70	The Role of Cardiac Myosin Binding Protein C3 in Hypertrophic Cardiomyopathy-Progress and Novel Therapeutic Opportunities. <i>Journal of Cellular Physiology</i> , <b>2017</b> , 232, 1650-1659	7	6
69	The htpAB operon of Legionella pneumophila cannot be deleted in the presence of the groE chaperonin operon of Escherichia coli. <i>Canadian Journal of Microbiology</i> , <b>2011</b> , 57, 943-52	3.2	6
68	Duration of protection of BNT162b2 and mRNA-1273 COVID-19 vaccines against symptomatic SARS-CoV-2 Omicron infection in Qatar		6
67	Protection of Omicron sub-lineage infection against reinfection with another Omicron sub-lineage		6
66	Functional characterization of human myosin-binding protein C3 variants associated with hypertrophic cardiomyopathy reveals exon-specific cardiac phenotypes in zebrafish model. <i>Journal of Cellular Physiology</i> , <b>2020</b> , 235, 7870-7888	7	5
65	Frizzled 4 regulates ventral blood vessel remodeling in the zebrafish retina. <i>Developmental Dynamics</i> , <b>2019</b> , 248, 1243-1256	2.9	5
64	Are commercial antibody assays substantially underestimating SARS-CoV-2 ever infection? An analysis on a population-based sample in a high exposure setting		5

63	Effect of vaccination and of prior infection on infectiousness of vaccine breakthrough infections and reinfections		5
62	In silico and in vivo models for Qatari-specific classical homocystinuria as basis for development of novel therapies. <i>Human Mutation</i> , <b>2019</b> , 40, 230-240	4.7	5
61	Co-prevalence of human Papillomaviruses (HPV) and Epstein-Barr virus (EBV) in healthy blood donors from diverse nationalities in Qatar. <i>Cancer Cell International</i> , <b>2020</b> , 20, 107	6.4	5
60	Immunomodulatory and anti-inflammatory effects of sesamin: mechanisms of action and future directions. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-32	11.5	5
59	Duration of mRNA vaccine protection against SARS-CoV-2 Omicron BA.1 and BA.2 subvariants in Qatar		5
58	Analysis of the Qatari R336C cystathionine $\beta$ synthase protein in mice. <i>Journal of Inherited Metabolic Disease</i> , <b>2019</b> , 42, 831-838	5.4	4
57	Antimicrobial Resistance of Commensal Isolated from Food Animals in Qatar. <i>Microbial Drug Resistance</i> , <b>2020</b> , 26, 420-427	2.9	4
56	Zebrafish larvae as a model to demonstrate secondary iron overload. <i>European Journal of Haematology</i> , <b>2018</b> , 100, 536-543	3.8	4
55	Comparison of antibody immune responses between BNT162b2 and mRNA-1273 SARS-CoV-2 vaccines in naïve and previously infected individuals. <i>Journal of Travel Medicine</i> , <b>2021</b> ,	12.9	4
54	Estimating protection afforded by prior infection in preventing reinfection: Applying the test-negative study design		4
53	Novel role of BRCA1 interacting C-terminal helicase 1 (BRIP1) in breast tumour cell invasion. <i>Journal of Cellular and Molecular Medicine</i> , <b>2020</b> , 24, 11477-11488	5.6	4
52	Epidemiological impact of prioritizing SARS-CoV-2 vaccination by antibody status: Mathematical modeling analyses		4
51	Demographics and Epidemiology of Hepatitis B in the State of Qatar: A Five-Year Surveillance-Based Incidence Study. <i>Pathogens</i> , <b>2019</b> , 8,	4.5	3
50	Demographic and Clinical Characteristics of Early Travel-Associated COVID-19 Cases. <i>Frontiers in Public Health</i> , <b>2020</b> , 8, 573925	6	3
49	Effectiveness of BNT162b2 and mRNA-1273 COVID-19 boosters against SARS-CoV-2 Omicron (B.1.1.529) infection in Qatar		3
48	AEO-7 surfactant is super toxic and induces severe cardiac, liver and locomotion damage in zebrafish embryos. <i>Environmental Sciences Europe</i> , <b>2020</b> , 32,	5	3
47	Measuring influenza hemagglutinin (HA) stem-specific antibody-dependent cellular cytotoxicity (ADCC) in human sera using novel stabilized stem nanoparticle probes. <i>Vaccine</i> , <b>2020</b> , 38, 815-821	4.1	3
46	COVID-19 risk score as a public health tool to guide targeted testing: A demonstration study in Qatar		3



45	Incidence, Risk Factors, and Outcomes of Preterm and Early Term Births: A Population-Based Register Study. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	3
44	Seroprevalence of West Nile Virus among Healthy Blood Donors from Different National Populations Residing in Qatar. <i>International Journal of Infectious Diseases</i> , <b>2021</b> , 103, 502-506	10.5	3
43	Effects of BA.1/BA.2 subvariant, vaccination, and prior infection on infectiousness of SARS-CoV-2 Omicron infections		3
42	Arrhythmogenic calmodulin E105A mutation alters cardiac RyR2 regulation leading to cardiac dysfunction in zebrafish. <i>Annals of the New York Academy of Sciences</i> , <b>2019</b> , 1448, 19-29	6.5	2
41	A yeast two-hybrid screen reveals a strong interaction between the Legionella chaperonin Hsp60 and the host cell small heat shock protein Hsp10. <i>Acta Microbiologica Et Immunologica Hungarica</i> , <b>2015</b> , 62, 121-35	1.8	2
40	Detection of adenovirus infection in children in Jordan. <i>Annals of Tropical Paediatrics</i> , <b>2001</b> , 21, 59-65		2
39	Waning of mRNA-1273 vaccine effectiveness against SARS-CoV-2 infection in Qatar		2
38	Protection offered by mRNA-1273 versus BNT162b2 vaccines against SARS-CoV-2 infection and severe COVID-19 in Qatar		2
37	Visible Light Photocatalytic Activity of Ag/WO <sub>3</sub> Nanoparticles and its Antibacterial Activity Under Ambient Light and in The Dark. <i>Results in Engineering</i> , <b>2022</b> , 13, 100313	3.3	2
36	Description of PTPRG genetic variants identified in a cohort of Chronic Myeloid Leukemia patients and their ability to influence response to Tyrosine kinase Inhibitors.. <i>Gene</i> , <b>2021</b> , 813, 146101	3.8	2
35	Seroprevalence of Herpes simplex virus types 1 and 2 in Indian and Filipino migrant populations in Qatar: a cross-sectional survey. <i>Eastern Mediterranean Health Journal</i> , <b>2020</b> , 26, 609-615	1.7	2
34	Prevalence and Phylogenetic Analysis of Parvovirus (B19V) among Blood Donors with Different Nationalities Residing in Qatar. <i>Viruses</i> , <b>2021</b> , 13,	6.2	2
33	The prevalence of HEV among non-A-C hepatitis in Qatar and efficiency of serological markers for the diagnosis of hepatitis E. <i>BMC Gastroenterology</i> , <b>2021</b> , 21, 266	3	2
32	Epidemiology of SARS-CoV2 in Qatar's primary care population aged 10 years and above. <i>BMC Infectious Diseases</i> , <b>2021</b> , 21, 645	4	2
31	Can commercial automated immunoassays be utilized to predict neutralizing antibodies after SARS-CoV-2 infection? A comparative study between three different assays. <i>Frontiers in Bioscience</i> , <b>2021</b> , 26, 198-206		2
30	Level of maternal respiratory syncytial virus (RSV) F antibodies in hospitalized children and correlates of protection. <i>International Journal of Infectious Diseases</i> , <b>2021</b> , 109, 56-62	10.5	2
29	Neutralization of MERS coronavirus through a scalable nanoparticle vaccine. <i>Npj Vaccines</i> , <b>2021</b> , 6, 107	9.5	2
28	Severity, criticality, and fatality of the SARS-CoV-2 Beta variant		2

27	SARS-CoV-2 vaccine effectiveness in immunosuppressed kidney transplant recipients		2
26	Protection of prior natural infection compared to mRNA vaccination against SARS-CoV-2 infection and severe COVID-19 in Qatar		2
25	Burden and disease pathogenesis of influenza and other respiratory viruses in diabetic patients.. <i>Journal of Infection and Public Health</i> , <b>2022</b> , 15, 412-424	7.4	2
24	Detection of adenovirus infection in children in Jordan. <i>Annals of Tropical Paediatrics</i> , <b>2001</b> , 21, 59-65		1
23	Screening the growth inhibition mechanism of sulfate reducing bacteria by chitosan/lignosulfonate nanocomposite (CS@LS) in seawater media. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 106624	6.8	1
22	Characterizing the effective reproduction number during the COVID-19 epidemic: Insights from Qatar's experience		1
21	Incidence, risk factors, and feto-maternal outcomes of inappropriate birth weight for gestational age among singleton live births in Qatar: A population-based study. <i>PLoS ONE</i> , <b>2021</b> , 16, e0258967	3.7	1
20	Epidemiology Profile of Viral Meningitis Infections Among Patients in Qatar (2015-2018). <i>Frontiers in Medicine</i> , <b>2021</b> , 8, 663694	4.9	1
19	Negative epidemiological association between HSV-1 and HSV-2 infections. <i>Heliyon</i> , <b>2019</b> , 5, e02549	3.6	1
18	Assessing the performance of a serological point-of-care test in measuring detectable antibodies against SARS-CoV-2		1
17	Is preexisting immunity to seasonal coronaviruses limited to cross-reactivity with SARS-CoV-2? A seroprevalence cross-sectional study in north-eastern France. <i>EBioMedicine</i> , <b>2021</b> , 71, 103580	8.8	1
16	Assessing the performance of a serological point-of-care test in measuring detectable antibodies against SARS-CoV-2.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0262897	3.7	0
15	Do preexisting antibodies against seasonal coronaviruses have a protective role against SARS-CoV-2 infections and impact on COVID-19 severity?. <i>EBioMedicine</i> , <b>2022</b> , 76, 103831	8.8	0
14	Characterizing the effective reproduction number during the COVID-19 pandemic: Insights from Qatar's experience.. <i>Journal of Global Health</i> , <b>2022</b> , 12, 05004	4.3	0
13	Antibody Response to SARS-CoV-2: A Cohort Study in Qatar's Primary Care Settings. <i>Journal of Primary Care and Community Health</i> , <b>2021</b> , 12, 21501327211050569	2.1	0
12	First study in Qatar to reveal high Legionella counts in cooling towers. <i>Eastern Mediterranean Health Journal</i> , <b>2017</b> , 23, 703-707	1.7	0
11	Eco-friendly highly efficient BN/rGO/TiO nanocomposite visible-light photocatalyst for phenol mineralization. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 62771-62781	5.1	0
10	JC-10 probe as a novel method for analyzing the mitochondrial membrane potential and cell stress in whole zebrafish embryos.. <i>Toxicology Research</i> , <b>2022</b> , 11, 77-87	2.6	0

9	Increased Receptor Affinity and Reduced Recognition by Specific Antibodies Contribute to Immune Escape of SARS-CoV-2 Variant Omicron. <i>Vaccines</i> , <b>2022</b> , 10, 743	5.3	o
8	Solar cultivation of microalgae in a desert environment for the development of techno-functional feed ingredients for aquaculture in Qatar.. <i>Science of the Total Environment</i> , <b>2022</b> , 835, 155538	10.2	o
7	Human herpes simplex virus-6 (HHV-6) detection and seroprevalence among Qatari nationals and immigrants residing in Qatar. <i>IJID Regions</i> , <b>2022</b> , 2, 90-95		
6	Hepatitis E Viruses. <i>Livestock Diseases and Management</i> , <b>2020</b> , 357-377	0.5	
5	SARS-CoV-2 infection among primary healthcare workers: a cross-sectional study. <i>Germes</i> , <b>2021</b> , 11, 324-328		
4	Synthesis and Optimization of a Highly Stable and Efficient BN/TiO <sub>2</sub> Nanocomposite for Phenol Degradation: A Photocatalytic, Mechanistic and Environmental Impact Study. <i>ChemistrySelect</i> , <b>2021</b> , 6, 5752-5762	1.8	
3	Attention-Deficit Hyperactivity Disorder: Genetic, Pharmacogenetic, and Metabolomic Insights <b>2022</b> , 135-189		
2	Principal Molecular Pathways Affected in Autism Spectrum Disorder <b>2022</b> , 1-47		
1	Pyridoxine non-responsive R336C mutation alters the molecular properties of cystathionine beta-synthase leading to severe homocystinuria phenotype.. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2022</b> , 130148	4	