Hassan Zaraket

List of Publications by Year
in descending order

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101 papers	2,851 citations	172386 29 h-index	206029 48 g-index
108 all docs	108 docs citations	108 times ranked	4109 citing authors

#	Article	IF	Citations
1	Novel Characteristics of Community-Acquired Methicillin-Resistant Staphylococcus aureus Strains Belonging to Multilocus Sequence Type 59 in Taiwan. Antimicrobial Agents and Chemotherapy, 2008, 52, 837-845.	1.4	148
2	Emerging Genotypes of Human Respiratory Syncytial Virus Subgroup A among Patients in Japan. Journal of Clinical Microbiology, 2009, 47, 2475-2482.	1.8	125
3	New Genotypes within Respiratory Syncytial Virus Group B Genotype BA in Niigata, Japan. Journal of Clinical Microbiology, 2010, 48, 3423-3427.	1.8	112
4	Acid Stability of the Hemagglutinin Protein Regulates H5N1 Influenza Virus Pathogenicity. PLoS Pathogens, 2011, 7, e1002398.	2.1	110
5	Seasonality of Respiratory Viral Infections: Will COVID-19 Follow Suit?. Frontiers in Public Health, 2020, 8, 567184.	1.3	103
6	Global epidemiology of non-influenza RNA respiratory viruses: data gaps and a growing need for surveillance. Lancet Infectious Diseases, The, 2017, 17, e320-e326.	4.6	92
7	Emergence of H274Y oseltamivir-resistant A(H1N1) influenza viruses in Japan during the 2008â€“2009 season. Journal of Clinical Virology, 2010, 47, 23-28.	1.6	91
8	The pH of Activation of the Hemagglutinin Protein Regulates H5N1 Influenza Virus Replication and Pathogenesis in Mice. Journal of Virology, 2013, 87, 4826-4834.	1.5	90
9	Mammalian adaptation of influenza A(H7N9) virus is limited by a narrow genetic bottleneck. Nature Communications, 2015, 6, 6553.	5.8	90
10	Increased Acid Stability of the Hemagglutinin Protein Enhances H5N1 Influenza Virus Growth in the Upper Respiratory Tract but Is Insufficient for Transmission in Ferrets. Journal of Virology, 2013, 87, 9911-9922.	1.5	81
11	Japanese Surveillance Systems and Treatment for Influenza. Current Treatment Options in Infectious Diseases, 2016, 8, 311-328.	0.8	75
12	Peramivir: A Novel Intravenous Neuraminidase Inhibitor for Treatment of Acute Influenza Infections. Frontiers in Microbiology, 2016, 7, 450.	1.5	65
13	COVID-19 Therapeutic Options Under Investigation. Frontiers in Pharmacology, 2020, 11, 1196.	1.6	65
14	Molecular Characterization of Methicillinâ€Resistant Staphylococcus aureus in Hospitals in Niigata, Japan: Divergence and Transmission. Microbiology and Immunology, 2007, 51, 171-176.	0.7	59
15	Genetic Makeup of Amantadine-Resistant and Oseltamivir-Resistant Human Influenza A/H1N1 Viruses. Journal of Clinical Microbiology, 2010, 48, 1085-1092.	1.8	53
16	Comparative global epidemiology of influenza, respiratory syncytial and parainfluenza viruses, 2010â€“2015. Journal of Infection, 2019, 79, 373-382.	1.7	53
17	Epistatic interactions between neuraminidase mutations facilitated the emergence of the oseltamivir-resistant H1N1 influenza viruses. Nature Communications, 2014, 5, 5029.	5.8	51
18	Molecular Insights Into SARS COV-2 Interaction With Cardiovascular Disease: Role of RAAS and MAPK Signaling. Frontiers in Pharmacology, 2020, 11, 836.	1.6	47

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19	Reduced Effectiveness of Oseltamivir in Children Infected With Oseltamivir-resistant Influenza A (H1N1) Viruses With His275Tyr Mutation. Pediatric Infectious Disease Journal, 2010, 29, 898-904.	1.1	46
20	Epidemiology of Human Influenza A and B Viruses in Myanmar from 2005 to 2007. Intervirology, 2009, 52, 310-320.	1.2	45
21	Rare Influenza A (H3N2) Variants with Reduced Sensitivity to Antiviral Drugs. Emerging Infectious Diseases, 2010, 16, 493-496.	2.0	45
22	Molecular characterization and susceptibility of methicillin-resistant and methicillin-susceptible Staphylococcus aureus isolates from hospitals and the community in Vladivostok, Russia. Clinical Microbiology and Infection, 2010, 16, 575-582.	2.8	43
23	Ceramide Suppresses Influenza A Virus Replication In Vitro. Journal of Virology, 2019, 93, .	1.5	38
24	Increased Incidence of Adamantaneâ€Resistant Influenza A(H1N1) and A(H3N2) Viruses During the 2006â€“2007 Influenza Season in Japan. Journal of Infectious Diseases, 2008, 197, 630-632.	1.9	37
25	Rapid and Specific Detection of Amantadine-Resistant Influenza A Viruses with a Ser31Asn Mutation by the Cycling Probe Method. Journal of Clinical Microbiology, 2010, 48, 57-63.	1.8	37
26	Macrolideâ€“lincosamideâ€“streptogramin B resistance phenotypes and genotypes among Staphylococcus aureus clinical isolates in Japan. Clinical Microbiology and Infection, 2007, 13, 325-327.	2.8	36
27	Prevalence and characteristics of acute respiratory virus infections in pediatric cancer patients. Journal of Medical Virology, 2019, 91, 1191-1201.	2.5	34
28	Identification of Oseltamivir Resistance among Pandemic and Seasonal Influenza A (H1N1) Viruses by an His275Tyr Genotyping Assay Using the Cycling Probe Method. Journal of Clinical Microbiology, 2011, 49, 125-130.	1.8	33
29	Depletion of Host and Viral Sphingomyelin Impairs Influenza Virus Infection. Frontiers in Microbiology, 2020, 11, 612.	1.5	33
30	Burden of influenza B virus infection and considerations for clinical management. Antiviral Research, 2021, 185, 104970.	1.9	33
31	COVID-19 in-vitro Diagnostics: State-of-the-Art and Challenges for Rapid, Scalable, and High-Accuracy Screening. Frontiers in Bioengineering and Biotechnology, 2020, 8, 605702.	2.0	32
32	Review of seasonal influenza vaccination in the Eastern Mediterranean Region: Policies, use and barriers. Journal of Infection and Public Health, 2019, 12, 472-478.	1.9	29
33	Molecular epidemiology of human respiratory syncytial virus among children in Japan during three seasons and hospitalization risk of genotype ON1. PLoS ONE, 2018, 13, e0192085.	1.1	29
34	Epidemiological, Molecular, and Clinical Features of Norovirus Infections among Pediatric Patients in Qatar. Viruses, 2019, 11, 400.	1.5	28
35	A three-dimensional A549 cell culture model to study respiratory syncytial virus infections. Journal of Infection and Public Health, 2020, 13, 1142-1147.	1.9	28
36	Neurological and Neuropsychological Changes Associated with SARS-CoV-2 Infection: New Observations, New Mechanisms. Neuroscientist, 2022, 28, 552-571.	2.6	28

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37	Macrophage responses associated with COVID-19: A pharmacological perspective. European Journal of Pharmacology, 2020, 887, 173547.	1.7	27
38	Molecular studies on diarrhea-associated Escherichia coli isolated from humans and animals in Egypt. Veterinary Microbiology, 2013, 167, 532-539.	0.8	26
39	Repurposing Ivermectin for COVID-19: Molecular Aspects and Therapeutic Possibilities. Frontiers in Immunology, 2021, 12, 663586.	2.2	26
40	Epidemiologic Study of Influenza Infection in Okinawa, Japan, from 2001 to 2007: Changing Patterns of Seasonality and Prevalence of Amantadine-Resistant Influenza A Virus. Journal of Clinical Microbiology, 2009, 47, 623-629.	1.8	25
41	Characterization of astrovirus-associated gastroenteritis in hospitalized children under five years of age. Infection, Genetics and Evolution, 2017, 53, 94-99.	1.0	25
42	Coronavirus Disease (COVID-19) in the Middle East: A Call for a Unified Response. Frontiers in Public Health, 2020, 8, 209.	1.3	25
43	Molecular evolution of human influenza A viruses in a local area during eight influenza epidemics from 2000 to 2007. Archives of Virology, 2009, 154, 285-295.	0.9	24
44	Detection of ON1 and novel genotypes of human respiratory syncytial virus and emergence of palivizumab resistance in Lebanon. PLoS ONE, 2019, 14, e0212687.	1.1	24
45	Molecular Characteristics of Outbreaks of Nosocomial Infection with Influenza A/H3N2 Virus Variants. Infection Control and Hospital Epidemiology, 2011, 32, 267-275.	1.0	23
46	Rotavirus Genotypes and Vaccine Effectiveness from a Sentinel, Hospital-Based, Surveillance Study for Three Consecutive Rotavirus Seasons in Lebanon. PLoS ONE, 2016, 11, e0161345.	1.1	23
47	Association of early annual peak influenza activity with El NiÃ±o southern oscillation in Japan. Influenza and Other Respiratory Viruses, 2008, 2, 127-130.	1.5	21
48	Genetic diversity and antiviral drug resistance of pandemic H1N1 2009 in Lebanon. Journal of Clinical Virology, 2011, 51, 170-174.	1.6	18
49	In Vivo and In Vitro Alterations in Influenza A/H3N2 Virus M2 and Hemagglutinin Genes: Effect of Passage in MDCK-SIAT1 Cells and Conventional MDCK Cells. Journal of Clinical Microbiology, 2009, 47, 466-468.	1.8	17
50	Human H7N9 Influenza A Viruses Replicate in Swine Respiratory Tissue Explants. Journal of Virology, 2013, 87, 12496-12498.	1.5	17
51	Influenza Vaccination Hesitancy among Healthcare Workers in South Al Batinah Governorate in Oman: A Cross-Sectional Study. Vaccines, 2020, 8, 661.	2.1	17
52	Review of seasonal influenza vaccination in the Eastern Mediterranean Region: Policies, use and barriers. Journal of Infection and Public Health, 2020, 13, 377-384.	1.9	17
53	Genetic Diversity of Human Rotavirus A Among Hospitalized Children Under-5 Years in Lebanon. Frontiers in Immunology, 2020, 11, 317.	2.2	17
54	Platforms Exploited for SARS-CoV-2 Vaccine Development. Vaccines, 2021, 9, 11.	2.1	17

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55	Full Genome Characterization of Human Influenza A/H3N2 Isolates from Asian Countries Reveals a Rare Amantadine Resistance-Conferring Mutation and Novel PB1-F2 Polymorphisms. Frontiers in Microbiology, 2016, 7, 262.	1.5	16
56	Influenza vaccination situation in Middle-East and North Africa countries: Report of the 7th MENA Influenza Stakeholders Network (MENA-ISN). Journal of Infection and Public Health, 2018, 11, 845-850.	1.9	16
57	Seasonal influenza vaccination policies in the Eastern Mediterranean Region: Current status and the way forward. Vaccine, 2019, 37, 1601-1607.	1.7	15
58	Characterization of an H4N2 influenza virus from Quails with a multibasic motif in the hemagglutinin cleavage site. Virology, 2014, 468-470, 72-80.	1.1	14
59	Phylogeographic analysis of human influenza A and B viruses in Myanmar, 2010â€“2015. PLoS ONE, 2019, 14, e0210550.	1.1	14
60	Uptake rates, knowledge, attitudes, and practices toward seasonal influenza vaccination among healthcare workers in Lebanon. Human Vaccines and Immunotherapeutics, 2021, 17, 4623-4631.	1.4	14
61	Genomic events contributing to the high prevalence of amantadine-resistant influenza A/H3N2. Antiviral Therapy, 2010, 15, 307-319.	0.6	13
62	Effectiveness of the quadrivalent inactivated influenza vaccine in Japan during the 2015â€“2016 season: A test-negative case-control study comparing the results by real time PCR, virus isolation. Vaccine: X, 2019, 1, 100011.	0.9	12
63	Fecal Influenza in Mammals: Selection of Novel Variants. Journal of Virology, 2013, 87, 11476-11486.	1.5	11
64	Characterization of Human Influenza Viruses in Lebanon during 2010-2011 and 2011-2012 Post-Pandemic Seasons. Intervirology, 2014, 57, 344-352.	1.2	11
65	Pityriasis roseaâ€like eruption associated with ondansetron use in pregnancy. British Journal of Clinical Pharmacology, 2018, 84, 1077-1080.	1.1	11
66	Molecular characterization and phylogenetic analysis of human influenza A viruses isolated in Iran during the 2014-2015 season. Archives of Virology, 2017, 162, 1975-1984.	0.9	10
67	Update on the epidemiology of rotavirus in the Middle East and North Africa. Vaccine, 2017, 35, 6047-6058.	1.7	10
68	Genotyping of Haemophilus influenzae type b in pre-vaccination era. Journal of Infection and Chemotherapy, 2012, 18, 213-218.	0.8	9
69	Incidence of antiviral drug resistance markers among human influenza A viruses in the Eastern Mediterranean Region, 2005â€“2016. Infection, Genetics and Evolution, 2019, 67, 60-66.	1.0	9
70	Clinical and epidemiological characteristics of norovirus gastroenteritis among hospitalized children in Lebanon. World Journal of Gastroenterology, 2016, 22, 10557.	1.4	9
71	Viral-derived complement inhibitors: current status and potential role in immunomodulation. Experimental Biology and Medicine, 2017, 242, 397-410.	1.1	8
72	Hepatitis A Virus Genotype IB Outbreak among Internally Displaced Persons, Syria. Emerging Infectious Diseases, 2020, 26, 369-371.	2.0	8

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73	Epidemiological, molecular, and clinical features of rotavirus infections among pediatrics in Qatar. European Journal of Clinical Microbiology and Infectious Diseases, 2021, 40, 1177-1190.	1.3	8
74	Adopting fresh air ventilation may reduce the risk of airborne transmission of SARS-CoV-2 in COVID-19 unit. Journal of Infection, 2021, 83, e4-e5.	1.7	8
75	Community- and hospital-acquired infections with oseltamivir- and peramivir-resistant influenza A(H1N1)pdm09 viruses during the 2015â€“2016 season in Japan. Virus Genes, 2017, 53, 89-94.	0.7	7
76	Full genome characterization of human G3P[6] and G3P[9] rotavirus strains in Lebanon. Infection, Genetics and Evolution, 2020, 78, 104133.	1.0	7
77	The burden of laboratory-confirmed influenza infection in Lebanon between 2008 and 2016: a single tertiary care center experience. BMC Infectious Diseases, 2020, 20, 339.	1.3	7
78	Molecular Epidemiology of Methicillin-Resistant Staphylococcus aureus Isolated from Children in a Community with Low Antimicrobial Pressure in Japan. Japanese Journal of Infectious Diseases, 2012, 65, 483-488.	0.5	7
79	Three-Dimensional Cell Culture Models to Study Respiratory Virus Infections Including COVID-19. Biomimetics, 2022, 7, 3.	1.5	7
80	Proteolytic enzymes in embryonated chicken eggs sustain the replication of egg-grown low-pathogenicity avian influenza viruses in cells in the absence of exogenous proteases. Journal of Virological Methods, 2014, 202, 28-33.	1.0	6
81	Influenza and its treatment during pregnancy: A review. Journal of Neonatal-Perinatal Medicine, 2016, 8, 297-306.	0.4	6
82	Molecular epidemiology and genetic characterization of influenza B virus in Lebanon during 2016â€“2018. Infection, Genetics and Evolution, 2019, 75, 103969.	1.0	6
83	Antiviral drug susceptibilities of seasonal human influenza viruses in Lebanon, 2008â€“09 season. Journal of Medical Virology, 2010, 82, 1224-1228.	2.5	5
84	Complete Genome Sequence of the First H5N1 Avian Influenza Virus Isolated from Chickens in Lebanon in 2016. Genome Announcements, 2016, 4, .	0.8	5
85	No association between the SARS-CoV-2 variants and mortality rates in the Eastern Mediterranean Region. Gene, 2021, 801, 145843.	1.0	4
86	Prevalence of Methicillin-Resistant <i>Staphylococcus aureus</i> among Children in a Region with Controlled Antimicrobial Use. Japanese Journal of Infectious Diseases, 2011, 64, 436-438.	0.5	4
87	Characterization of the neuraminidase genes from human influenza A viruses circulating in Iran from 2010 to 2015. Archives of Virology, 2018, 163, 391-400.	0.9	3
88	VIRAL ETIOLOGY OF ACUTE RESPIRATORY INFECTIONS IN PEDIATRIC PATIENTS IN LEBANON. Mediterranean Journal of Hematology and Infectious Diseases, 2019, 11, e2019059.	0.5	3
89	Complete Genome Sequence of an ON1 Human Respiratory Syncytial Virus Strain Isolated in Lebanon in 2015. Genome Announcements, 2018, 6, .	0.8	2
90	Epidemiology and clinical characteristics of viral infections in hospitalized children and adolescents with cancer in Lebanon. PLoS ONE, 2020, 15, e0239258.	1.1	2

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91	The origins of G12P[6] rotavirus strains detected in Lebanon. Journal of General Virology, 2021, 102, .	1.3	2
92	The burden of Respiratory Syncytial Virus (RSV) infection in the Middle East and North Africa (MENA) region across age groups: A systematic review. Vaccine, 2021, 39, 3803-3813.	1.7	2
93	Neuraminidase inhibitor susceptibility and evolutionary analysis of human influenza B isolates from three Asian countries during 2012â€“2015. Infection, Genetics and Evolution, 2018, 62, 27-33.	1.0	1
94	Implications of the Emerging SARS-CoV-2 Variant: Caution is the Key. Oman Medical Journal, 2021, 36, e235-e235.	0.3	1
95	Antigenica and Genetic Characterization of Identified Rotavirus Strains in Qatar in Response to Rotarix Vaccine Usage. , 2020, , .		0
96	Title is missing!. , 2020, 15, e0239258.		0
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