Mohamed A. Ali

List of Publications by Citations

109 papers	2,516 citations	30 h-index	45 g-index
119 ext. papers	3,055 ext. citations	5.2 avg, IF	4.95 L-index

#	Paper	IF	Citations
109	MERS coronaviruses in dromedary camels, Egypt. *Emerging Infectious Diseases*, **2014**, 20, 1049-53	10.2	221
108	Chemical and biological evaluation of the essential oils of different Melaleuca species. *Phytotherapy Research*, **2004**, 18, 30-5	6.7	137
107	Predominance and circulation of enteric viruses in the region of Greater Cairo, Egypt. *Journal of Clinical Microbiology*, **2009**, 47, 1037-45	9.7	85
106	Tropism and replication of Middle East respiratory syndrome coronavirus from dromedary camels in the human respiratory tract: an in-vitro and ex-vivo study. *Lancet Respiratory Medicine,the*, **2014**, 2, 813-22	35.1	77
105	Synthesis and screening of some novel fused thiophene and thienopyrimidine derivatives for anti-avian influenza virus (H5N1) activity. *European Journal of Medicinal Chemistry*, **2010**, 45, 5251-7	6.8	71
104	Puzzling inefficiency of H5N1 influenza vaccines in Egyptian poultry. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 11044-9	11.5	70
103	Active surveillance for avian influenza virus, Egypt, 2010-2012. *Emerging Infectious Diseases*, **2014**, 20, 542-51	10.2	61
102	Avian influenza A(H5N1) and A(H9N2) seroprevalence and risk factors for infection among Egyptians: a prospective, controlled seroepidemiological study. *Journal of Infectious Diseases*, **2015**, 211, 1399-407	7	58
101	Avian Influenza A(H5N1) Virus in Egypt. *Emerging Infectious Diseases*, **2016**, 22, 379-88	10.2	56
100	Synthesis and antiviral screening of some thieno[2,3-d]pyrimidine nucleosides. *Nucleosides, Nucleotides and Nucleic Acids*, **2006**, 25, 17-28	1.4	54
99	Evidence of the co-circulation of enteric viruses in sewage and in the population of Greater Cairo. *Journal of Applied Microbiology*, **2010**, 108, 1620-9	4.7	50
98	Systematic, active surveillance for Middle East respiratory syndrome coronavirus in camels in Egypt. *Emerging Microbes and Infections*, **2017**, 6, e1	18.9	49
97	The epidemiological and molecular aspects of influenza H5N1 viruses at the human-animal interface in Egypt. *PLoS ONE*, **2011**, 6, e17730	3.7	49
96	Phytochemical investigation and medicinal evaluation of fixed oil of Balanites aegyptiaca fruits (Balantiaceae). *Journal of Ethnopharmacology*, **2010**, 127, 495-501	5	48
95	FDA-Approved Drugs with Potent In Vitro Antiviral Activity against Severe Acute Respiratory Syndrome Coronavirus 2. *Pharmaceuticals*, **2020**, 13,	5.2	47
94	Genetic and antigenic evolution of H9N2 avian influenza viruses circulating in Egypt between 2011 and 2013. *Archives of Virology*, **2014**, 159, 2861-76	2.6	43
93	Continuing threat of influenza (H5N1) virus circulation in Egypt. *Emerging Infectious Diseases*, **2011**, 17, 2306-8	10.2	42

92	Molecular characterization of avian influenza H5N1 virus in Egypt and the emergence of a novel endemic subclade. *Journal of General Virology*, **2014**, 95, 1444-1463	4.9	41
91	Evaluation of herpes simplex detection in corneal scrapings by three molecular methods. *Current Microbiology*, **2006**, 52, 379-82	2.4	41
90	Detection of enteric viruses, Giardia and Cryptosporidium in two different types of drinking water treatment facilities. *Water Research*, **2004**, 38, 3931-9	12.5	41
89	Synthesis and Anti-influenza Virus Activity of Novel bis(4H-chromene-3-carbonitrile) Derivatives. *Journal of Heterocyclic Chemistry*, **2017**, 54, 1854-1862	1.9	38
88	Presence of enteric hepatitis viruses in the sewage and population of Greater Cairo. *Clinical Microbiology and Infection*, **2011**, 17, 1182-5	9.5	38
87	Genetic characterization of highly pathogenic avian influenza A H5N8 viruses isolated from wild birds in Egypt. *Journal of General Virology*, **2017**, 98, 1573-1586	4.9	37
86	Middle East respiratory syndrome coronavirus infection in non-camelid domestic mammals. *Emerging Microbes and Infections*, **2019**, 8, 103-108	18.9	36
85	Middle East respiratory syndrome coronavirus: a comprehensive review. *Frontiers of Medicine*, **2016**, 10, 120-36	12	35
84	Synthesis, Reactions, and Antiviral Activity of 1-(1H-Pyrazolo[3,4-b]pyridin-5-yl)ethanone and Pyrido[2?,3?:3,4]pyrazolo[5,1-c][1,2,4]triazine Derivatives. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2006**, 181, 1087-1102	1	35
83	Cross-sectional surveillance of Middle East respiratory syndrome coronavirus (MERS-CoV) in dromedary camels and other mammals in Egypt, August 2015 to January 2016. *Eurosurveillance*, **2017**, 22,	19.8	35
82	Novel reassortant H9N2 viruses in pigeons and evidence for antigenic diversity of H9N2 viruses isolated from quails in Egypt. *Journal of General Virology*, **2017**, 98, 548-562	4.9	33
81	Bioactive Polyphenolic Compounds Showing Strong Antiviral Activities against Severe Acute Respiratory Syndrome Coronavirus 2. *Pathogens*, **2021**, 10,	4.5	33
80	Strong Inhibitory Activity and Action Modes of Synthetic Maslinic Acid Derivative on Highly Pathogenic Coronaviruses: COVID-19 Drug Candidate. *Pathogens*, **2021**, 10,	4.5	31
79	Characterization of the recent outbreak of foot-and-mouth disease virus serotype SAT2 in Egypt. *Archives of Virology*, **2013**, 158, 619-27	2.6	30
78	Middle East Respiratory Syndrome Coronavirus (MERS-CoV) in Dromedary Camels in Africa and Middle East. *Viruses*, **2019**, 11,	6.2	29
77	Telaprevir is a potential drug for repurposing against SARS-CoV-2: computational and studies. *Heliyon*, **2021**, 7, e07962	3.6	29
76	Isolation and Characterization of a Distinct Influenza A Virus from Egyptian Bats. *Journal of Virology* , **2019**, 93,	6.6	27
75	Isolation and characterization of the bioactive metabolites from the soil derived fungus. *Mycology*, **2018**, 9, 70-80	3.7	26

74	Characterization of an avian influenza virus H5N1 Egyptian isolate. *Journal of Virological Methods*, **2009**, 159, 244-50	2.6	26
73	Synthesis, Reactions, and Antiviral Activity of 5?-Acetyl-6?-methyl-2?-thioxo-1?,2?-dihydro-3,4?-bipyridine-3?-carbonitrile. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2006**, 181, 1-14	1	26
72	The cytotoxicity and antimicrobial efficiency of Moringa oleifera seeds extracts. *International Journal of Environmental Studies*, **2004**, 61, 699-708	1.8	26
71	Bacterial Outer Membrane Vesicles (OMVs)-based Dual Vaccine for Influenza A H1N1 Virus and MERS-CoV. *Vaccines*, **2019**, 7,	5.3	24
70	Antigenic diversity and cross-reactivity of avian influenza H5N1 viruses in Egypt between 2006 and 2011. *Journal of General Virology*, **2012**, 93, 2564-2574	4.9	22
69	Coding-Complete Genome Sequences of Two SARS-CoV-2 Isolates from Egypt. *Microbiology Resource Announcements*, **2020**, 9,	1.3	21
68	Synthesis, Characterization, and Antiviral Activities of Pyridopyrazolotriazines. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2007**, 182, 133-149	1	20
67	Evidence of infection with avian, human, and swine influenza viruses in pigs in Cairo, Egypt. *Archives of Virology*, **2018**, 163, 359-364	2.6	18
66	Do commercial avian influenza H5 vaccines induce cross-reactive antibodies against contemporary H5N1 viruses in Egypt?. *Poultry Science*, **2013**, 92, 114-8	3.9	18
65	Synthesis, Reactions, and Antiviral Activity of 6?-Amino-2?-thioxo-1?,2?-dihydro-3,4?-bipyridine-3?,5?-dicarbonitrile. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2007**, 182, 695-709	1	18
64	Co-infection with different serotypes of FMDV in vaccinated cattle in Southern Egypt. *Virus Genes*, **2019**, 55, 304-313	2.3	17
63	Efficacy of commercial vaccines against newly emerging avian influenza H5N8 virus in Egypt. *Scientific Reports*, **2018**, 8, 9697	4.9	17
62	Active surveillance and genetic evolution of avian influenza viruses in Egypt, 2016-2018. *Emerging Microbes and Infections*, **2019**, 8, 1370-1382	18.9	16
61	Synthesis and antiviral screening of some novel pyridazine and triazolopyridazine nucleosides. *Heteroatom Chemistry*, **2007**, 18, 274-282	1.2	15
60	EGYVIR: An immunomodulatory herbal extract with potent antiviral activity against SARS-CoV-2. *PLoS ONE*, **2020**, 15, e0241739	3.7	15
59	Immunogenicity and Safety of an Inactivated SARS-CoV-2 Vaccine: Preclinical Studies. *Vaccines*, **2021**, 9,	5.3	15
58	A single amino acid at the hemagglutinin cleavage site contributes to the pathogenicity but not the transmission of Egyptian highly pathogenic H5N1 influenza virus in chickens. *Journal of Virology*, **2013**, 87, 4786-8	6.6	14
57	Complete Genome Sequence of Middle East Respiratory Syndrome Coronavirus Isolated from a Dromedary Camel in Egypt. *Genome Announcements*, **2016**, 4,		14

56	Surveillance for avian influenza viruses in wild birds at live bird markets, Egypt, 2014-2016. *Influenza and Other Respiratory Viruses*, **2019**, 13, 407-414	5.6	13
55	Middle East Respiratory Syndrome Coronavirus (MERS-CoV): State of the Science. *Microorganisms*, **2020**, 8,	4.9	12
54	Assessment of Cryptosporidium Removal from Domestic Wastewater Via Constructed Wetland Systems. *Water, Air, and Soil Pollution*, **2007**, 179, 207-215	2.6	12
53	A facile synthesis and anti-avian influenza virus (H5N1) screening of some novel pyrazolopyrimidine nucleoside derivatives. *Nucleosides, Nucleotides and Nucleic Acids*, **2010**, 29, 809-20	1.4	11
52	Predicting Avian Influenza Co-Infection with H5N1 and H9N2 in Northern Egypt. *International Journal of Environmental Research and Public Health*, **2016**, 13,	4.6	11
51	New quinoline-triazole conjugates: Synthesis, and antiviral properties against SARS-CoV-2. *Bioorganic Chemistry*, **2021**, 114, 105117	5.1	11
50	Single gene reassortment of highly pathogenic avian influenza A H5N1 in the low pathogenic H9N2 backbone and its impact on pathogenicity and infectivity of novel reassortant viruses. *Archives of Virology*, **2017**, 162, 2959-2969	2.6	10
49	Re-emergence of amantadine-resistant variants among highly pathogenic avian influenza H5N1 viruses in Egypt. *Infection, Genetics and Evolution*, **2016**, 46, 102-109	4.5	10
48	Heterocyclic compounds based on 3-(4-bromophenyl) azo-5-phenyl-2(3H)-furanone: anti-avian influenza virus (H5N1) activity. *Acta Pharmaceutica*, **2012**, 62, 593-606	3.2	10
47	Anti-HAV activity of some newly synthesized triazolo[4,3-b]pyridazines. *Archiv Der Pharmazie*, **2008**, 341, 223-30	4.3	10
46	Synthesis of 3-[(4-Chloro-phenyl) oxiranyl]thiophen-2-yl-propanone and Their Reactions with Some Nucleophilles for Antiviral Evaluations. *Phosphorus, Sulfur and Silicon and the Related Elements*, **2007**, 183, 156-167	1	10
45	Virucidal Action Against Avian Influenza H5N1 Virus and Immunomodulatory Effects of Nanoformulations Consisting of Mesoporous Silica Nanoparticles Loaded with Natural Prodrugs. *International Journal of Nanomedicine*, **2020**, 15, 5181-5202	7.3	10
44	Generation of a reassortant avian influenza virus H5N2 vaccine strain capable of protecting chickens against infection with Egyptian H5N1 and H9N2 viruses. *Vaccine*, **2016**, 34, 218-224	4.1	9
43	Schistosoma mansoni soluble egg antigens enhance HCV replication in mammalian cells. *Journal of Infection in Developing Countries*, **2010**, 4, 226-34	2.3	9
42	In Silico and In Vivo Evaluation of SARS-CoV-2 Predicted Epitopes-Based Candidate Vaccine. *Molecules*, **2021**, 26,	4.8	9
41	Incidence and Seroprevalence of Avian Influenza in a Cohort of Backyard Poultry Growers, Egypt, August 2015-March 2019. *Emerging Infectious Diseases*, **2020**, 26, 2129-2136	10.2	9
40	Cnicin as an Anti-SARS-CoV-2: An Integrated In Silico and In Vitro Approach for the Rapid Identification of Potential COVID-19 Therapeutics. *Antibiotics*, **2021**, 10,	4.9	9
39	Antiviral activity of Lavandula angustifolia L. and Salvia officinalis L. essential oils against avian influenza H5N1 virus. *Journal of Agriculture and Food Research*, **2021**, 4, 100135	2.6	9

38	How‌ the Flu Getting Through? Landscape genetics suggests both humans and birds spread H5N1 in Egypt. *Infection, Genetics and Evolution*, **2017**, 49, 293-299	4.5	8
37	Avian influenza H5N1 vaccination efficacy in Egyptian backyard poultry. *Vaccine*, **2017**, 35, 6195-6201	4.1	8
36	Surveillance for Coronaviruses in Bats, Lebanon and Egypt, 2013-2015. *Emerging Infectious Diseases*, **2016**, 22, 148-50	10.2	8
35	Novel benzimidazo[2,1-c][1,4]thiazinone derivatives with potent activity against HSV-1. *Archiv Der Pharmazie*, **2011**, 344, 255-63	4.3	7
34	Characterization of NS3 protease from an Egyptian HCV genotype 4a isolate. *Archives of Virology*, **2009**, 154, 1649-57	2.6	7
33	Prospective study of avian influenza transmission to humans in Egypt. *BMC Public Health*, **2010**, 10, 685	4.1	7
32	Diversity of Astroviruses Circulating in Humans, Bats, and Wild Birds in Egypt. *Viruses*, **2020**, 12,	6.2	6
31	Biological characterization of highly pathogenic avian influenza H5N1 viruses that infected humans in Egypt in 2014-2015. *Archives of Virology*, **2017**, 162, 687-700	2.6	6
30	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	2.6	6
29	Myocarditis: an expected health hazard associated with water resources contaminated with Coxsackie viruses type B. *International Journal of Environmental Health Research*, **2003**, 13, 261-70	3.6	6
28	Microbiological and chemical study of the nile river water quality. *International Journal of Environmental Studies*, **2000**, 58, 47-69	1.8	6
27	Serological Evidence of Human Infection with Avian Influenza A H7virus in Egyptian Poultry Growers. *PLoS ONE*, **2016**, 11, e0155294	3.7	6
26	Household Transmission of Zoonotic Influenza Viruses in a Cohort of Egyptian Poultry Growers. *JMIR Research Protocols*, **2015**, 4, e74	2	6
25	Prevalence of Severe Acute Respiratory Syndrome Coronavirus 2 Neutralizing Antibodies in Egyptian Convalescent Plasma Donors. *Frontiers in Microbiology*, **2020**, 11, 596851	5.7	5
24	Development of an effective contemporary trivalent avian influenza vaccine against circulating H5N1, H5N8, and H9N2 in Egypt. *Poultry Science*, **2019**, 98, 6289-6295	3.9	5
23	H5 Influenza Viruses in Egypt. *Cold Spring Harbor Perspectives in Medicine*, **2021**, 11,	5.4	5
22	Complete Genome Sequence of the First H5N1 Avian Influenza Virus Isolated from Chickens in Lebanon in 2016. *Genome Announcements*, **2016**, 4,		4
21	Comparative Virological and Pathogenic Characteristics of Avian Influenza H5N8 Viruses Detected in Wild Birds and Domestic Poultry in Egypt during the Winter of 2016/2017. *Viruses*, **2019**, 11,	6.2	4

20	Common childhood vaccines do not elicit a cross-reactive antibody response against SARS-CoV-2. *PLoS ONE*, **2020**, 15, e0241471	3.7	4
19	Chemical Composition, Antiviral against avian Influenza (H5N1) Virus and Antimicrobial activities of the Essential Oils of the Leaves and Fruits of Fortunella margarita, Lour. Swingle, Growing in Egypt. *Journal of Applied Pharmaceutical Science*,	2	4
18	Egyptian Fruit Bats () Were Resistant to Experimental Inoculation with Avian-Origin Influenza A Virus of Subtype H9N2, But Are Susceptible to Experimental Infection with Bat-Borne H9N2 Virus. *Viruses*, **2021**, 13,	6.2	4
17	3-Alkenyl-2-oxindoles: Synthesis, antiproliferative and antiviral properties against SARS-CoV-2. *Bioorganic Chemistry*, **2021**, 114, 105131	5.1	4
16	SARS-CoV-2 Genetic diversity and lineage dynamics of in Egypt		3
15	Synthesis of aspirin-curcumin mimic conjugates of potential antitumor and anti-SARS-CoV-2 properties. *Bioorganic Chemistry*, **2021**, 117, 105466	5.1	3
14	Synthesis and Anti-influenza Activity of Novel Thiadiazole, Oxadiazole and Triazole Based Scaffolds. *Letters in Drug Design and Discovery*, **2018**, 15, 363-374	0.8	3
13	A Recombinant Influenza A/H1N1 Carrying A Short Immunogenic Peptide of MERS-CoV as Bivalent Vaccine in BALB/c Mice. *Pathogens*, **2019**, 8,	4.5	3
12	Discovery of novel oxazole-based macrocycles as anti-coronaviral agents targeting SARS-CoV-2 main protease. *Bioorganic Chemistry*, **2021**, 116, 105363	5.1	3
11	Immune responses to killed reassorted influenza virus supplemented with natural adjuvants. *Acta Microbiologica Et Immunologica Hungarica*, **2017**, 64, 313-330	1.8	2
10	Prevalence of human polyomavirus and papillomavirus in wastewater and in stool of Egyptian patients. *Egyptian Journal of Aquatic Biology and Fisheries*, **2019**, 23, 29-41	1.9	2
9	New Pyrazine Conjugates: Synthesis, Computational Studies, and Antiviral Properties against SARS-CoV-2. *ChemMedChem*, **2021**, 16, 3418-3427	3.7	2
8	Aurasperone A Inhibits SARS CoV-2 In Vitro: An Integrated In Vitro and In Silico Study.. *Marine Drugs* , **2022**, 20,	6	2
7	Antiviral activity of chitosan nanoparticles encapsulating silymarin (Sil□NPs) against SARS-CoV-2 (in silico and in vitro study). *RSC Advances*, **2022**, 12, 15775-15786	3.7	2
6	Genetic and antigenic characterization of avian influenza H9N2 viruses during 2016 in Iraq. *Open Veterinary Journal*, **2019**, 9, 164-171	1	1
5	Avian influenza surveillance at the human-animal interface in Lebanon, 2017. *Eastern Mediterranean Health Journal*, **2020**, 26, 774-778	1.7	1
4	PA from a Recent H9N2 (G1-Like) Avian Influenza a Virus (AIV) Strain Carrying Lysine 367 Confers Altered Replication Efficiency and Pathogenicity to Contemporaneous H5N1 in Mammalian Systems. *Viruses*, **2020**, 12,	6.2	1
3	Prevalence of viral pathogens in a sample of hospitalized Egyptian children with acute lower respiratory tract infections: a two-year prospective study.. *Bulletin of the National Research Centre*, **2022**, 46, 103	3	1

2 The Development of Filter Media Using Plant and Marine Waste for Virus Removal from Drinking Water. *Polymer-Plastics Technology and Engineering*, **2005**, 44, 321-333

1 Assaying for antiviral activity of the folkloric medicinal desert plant Rhazya stricta on coronavirus SARS-CoV-2. *Biotechnology and Biotechnological Equipment*, **2022**, 36, 67-73 1.6