

Mohamed A. Ali

List of Publications by Year in Descending Order

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

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	Aurasperone A Inhibits SARS CoV-2 In Vitro: An Integrated In Vitro and In Silico Study.. <i>Marine Drugs</i> , 2022 , 20,	6	2
108	Assaying for antiviral activity of the folkloric medicinal desert plant <i>Rhazya stricta</i> on coronavirus SARS-CoV-2. <i>Biotechnology and Biotechnological Equipment</i> , 2022 , 36, 67-73	1.6	
107	Prevalence of viral pathogens in a sample of hospitalized Egyptian children with acute lower respiratory tract infections: a two-year prospective study.. <i>Bulletin of the National Research Centre</i> , 2022 , 46, 103	3	1
106	Antiviral activity of chitosan nanoparticles encapsulating silymarin (SiLNPs) against SARS-CoV-2 (in silico and in vitro study). <i>RSC Advances</i> , 2022 , 12, 15775-15786	3.7	2
105	Synthesis of aspirin-curcumin mimic conjugates of potential antitumor and anti-SARS-CoV-2 properties. <i>Bioorganic Chemistry</i> , 2021 , 117, 105466	5.1	3
104	In Silico and In Vivo Evaluation of SARS-CoV-2 Predicted Epitopes-Based Candidate Vaccine. <i>Molecules</i> , 2021 , 26,	4.8	9
103	Immunogenicity and Safety of an Inactivated SARS-CoV-2 Vaccine: Preclinical Studies. <i>Vaccines</i> , 2021 , 9,	5.3	15
102	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. <i>Viruses</i> , 2021 , 13,	6.2	4
101	Cnicin as an Anti-SARS-CoV-2: An Integrated In Silico and In Vitro Approach for the Rapid Identification of Potential COVID-19 Therapeutics. <i>Antibiotics</i> , 2021 , 10,	4.9	9
100	Strong Inhibitory Activity and Action Modes of Synthetic Maslinic Acid Derivative on Highly Pathogenic Coronaviruses: COVID-19 Drug Candidate. <i>Pathogens</i> , 2021 , 10,	4.5	31
99	Antiviral activity of <i>Lavandula angustifolia</i> L. and <i>Salvia officinalis</i> L. essential oils against avian influenza H5N1 virus. <i>Journal of Agriculture and Food Research</i> , 2021 , 4, 100135	2.6	9
98	Bioactive Polyphenolic Compounds Showing Strong Antiviral Activities against Severe Acute Respiratory Syndrome Coronavirus 2. <i>Pathogens</i> , 2021 , 10,	4.5	33
97	H5 Influenza Viruses in Egypt. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2021 , 11,	5.4	5
96	3-Alkenyl-2-oxindoles: Synthesis, antiproliferative and antiviral properties against SARS-CoV-2. <i>Bioorganic Chemistry</i> , 2021 , 114, 105131	5.1	4
95	Telaprevir is a potential drug for repurposing against SARS-CoV-2: computational and studies. <i>Heliyon</i> , 2021 , 7, e07962	3.6	29
94	New Pyrazine Conjugates: Synthesis, Computational Studies, and Antiviral Properties against SARS-CoV-2. <i>ChemMedChem</i> , 2021 , 16, 3418-3427	3.7	2
93	New quinoline-triazole conjugates: Synthesis, and antiviral properties against SARS-CoV-2. <i>Bioorganic Chemistry</i> , 2021 , 114, 105117	5.1	11

92	Discovery of novel oxazole-based macrocycles as anti-coronaviral agents targeting SARS-CoV-2 main protease. <i>Bioorganic Chemistry</i> , 2021 , 116, 105363	5.1	3
91	Prevalence of Severe Acute Respiratory Syndrome Coronavirus 2 Neutralizing Antibodies in Egyptian Convalescent Plasma Donors. <i>Frontiers in Microbiology</i> , 2020 , 11, 596851	5.7	5
90	FDA-Approved Drugs with Potent In Vitro Antiviral Activity against Severe Acute Respiratory Syndrome Coronavirus 2. <i>Pharmaceuticals</i> , 2020 , 13,	5.2	47
89	Diversity of Astroviruses Circulating in Humans, Bats, and Wild Birds in Egypt. <i>Viruses</i> , 2020 , 12,	6.2	6
88	Coding-Complete Genome Sequences of Two SARS-CoV-2 Isolates from Egypt. <i>Microbiology Resource Announcements</i> , 2020 , 9,	1.3	21
87	Middle East Respiratory Syndrome Coronavirus (MERS-CoV): State of the Science. <i>Microorganisms</i> , 2020 , 8,	4.9	12
86	Common childhood vaccines do not elicit a cross-reactive antibody response against SARS-CoV-2. <i>PLoS ONE</i> , 2020 , 15, e0241471	3.7	4
85	EGYVIR: An immunomodulatory herbal extract with potent antiviral activity against SARS-CoV-2. <i>PLoS ONE</i> , 2020 , 15, e0241739	3.7	15
84	Avian influenza surveillance at the human-animal interface in Lebanon, 2017. <i>Eastern Mediterranean Health Journal</i> , 2020 , 26, 774-778	1.7	1
83	Virucidal Action Against Avian Influenza H5N1 Virus and Immunomodulatory Effects of Nanoformulations Consisting of Mesoporous Silica Nanoparticles Loaded with Natural Prodrugs. <i>International Journal of Nanomedicine</i> , 2020 , 15, 5181-5202	7.3	10
82	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. <i>Viruses</i> , 2020 , 12,	6.2	1
81	Incidence and Seroprevalence of Avian Influenza in a Cohort of Backyard Poultry Growers, Egypt, August 2015-March 2019. <i>Emerging Infectious Diseases</i> , 2020 , 26, 2129-2136	10.2	9
80	Active surveillance and genetic evolution of avian influenza viruses in Egypt, 2016-2018. <i>Emerging Microbes and Infections</i> , 2019 , 8, 1370-1382	18.9	16
79	Surveillance for avian influenza viruses in wild birds at live bird markets, Egypt, 2014-2016. <i>Influenza and Other Respiratory Viruses</i> , 2019 , 13, 407-414	5.6	13
78	Bacterial Outer Membrane Vesicles (OMVs)-based Dual Vaccine for Influenza A H1N1 Virus and MERS-CoV. <i>Vaccines</i> , 2019 , 7,	5.3	24
77	Middle East respiratory syndrome coronavirus infection in non-camelid domestic mammals. <i>Emerging Microbes and Infections</i> , 2019 , 8, 103-108	18.9	36
76	Middle East Respiratory Syndrome Coronavirus (MERS-CoV) in Dromedary Camels in Africa and Middle East. <i>Viruses</i> , 2019 , 11,	6.2	29
75	Genetic and antigenic characterization of avian influenza H9N2 viruses during 2016 in Iraq. <i>Open Veterinary Journal</i> , 2019 , 9, 164-171	1	1

74	Development of an effective contemporary trivalent avian influenza vaccine against circulating H5N1, H5N8, and H9N2 in Egypt. <i>Poultry Science</i> , 2019 , 98, 6289-6295	3.9	5
73	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. <i>Viruses</i> , 2019 , 11,	6.2	4
72	Prevalence of human polyomavirus and papillomavirus in wastewater and in stool of Egyptian patients. <i>Egyptian Journal of Aquatic Biology and Fisheries</i> , 2019 , 23, 29-41	1.9	2
71	Co-infection with different serotypes of FMDV in vaccinated cattle in Southern Egypt. <i>Virus Genes</i> , 2019 , 55, 304-313	2.3	17
70	A Recombinant Influenza A/H1N1 Carrying A Short Immunogenic Peptide of MERS-CoV as Bivalent Vaccine in BALB/c Mice. <i>Pathogens</i> , 2019 , 8,	4.5	3
69	Isolation and Characterization of a Distinct Influenza A Virus from Egyptian Bats. <i>Journal of Virology</i> , 2019 , 93,	6.6	27
68	Isolation and characterization of the bioactive metabolites from the soil derived fungus. <i>Mycology</i> , 2018 , 9, 70-80	3.7	26
67	Evidence of infection with avian, human, and swine influenza viruses in pigs in Cairo, Egypt. <i>Archives of Virology</i> , 2018 , 163, 359-364	2.6	18
66	Synthesis and Anti-influenza Activity of Novel Thiadiazole, Oxadiazole and Triazole Based Scaffolds. <i>Letters in Drug Design and Discovery</i> , 2018 , 15, 363-374	0.8	3
65	Efficacy of commercial vaccines against newly emerging avian influenza H5N8 virus in Egypt. <i>Scientific Reports</i> , 2018 , 8, 9697	4.9	17
64	How the Flu Getting Through? Landscape genetics suggests both humans and birds spread H5N1 in Egypt. <i>Infection, Genetics and Evolution</i> , 2017 , 49, 293-299	4.5	8
63	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. <i>Archives of Virology</i> , 2017 , 162, 2959-2969	2.6	10
62	Systematic, active surveillance for Middle East respiratory syndrome coronavirus in camels in Egypt. <i>Emerging Microbes and Infections</i> , 2017 , 6, e1	18.9	49
61	Avian influenza H5N1 vaccination efficacy in Egyptian backyard poultry. <i>Vaccine</i> , 2017 , 35, 6195-6201	4.1	8
60	Immune responses to killed reassorted influenza virus supplemented with natural adjuvants. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2017 , 64, 313-330	1.8	2
59	Novel reassortant H9N2 viruses in pigeons and evidence for antigenic diversity of H9N2 viruses isolated from quails in Egypt. <i>Journal of General Virology</i> , 2017 , 98, 548-562	4.9	33
58	Biological characterization of highly pathogenic avian influenza H5N1 viruses that infected humans in Egypt in 2014-2015. <i>Archives of Virology</i> , 2017 , 162, 687-700	2.6	6
57	Synthesis and Anti-influenza Virus Activity of Novel bis(4H-chromene-3-carbonitrile) Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2017 , 54, 1854-1862	1.9	38

56	Cross-sectional surveillance of Middle East respiratory syndrome coronavirus (MERS-CoV) in dromedary camels and other mammals in Egypt, August 2015 to January 2016. <i>Eurosurveillance</i> , 2017 , 22,	19.8	35
55	Genetic characterization of highly pathogenic avian influenza A H5N8 viruses isolated from wild birds in Egypt. <i>Journal of General Virology</i> , 2017 , 98, 1573-1586	4.9	37
54	Complete Genome Sequence of the First H5N1 Avian Influenza Virus Isolated from Chickens in Lebanon in 2016. <i>Genome Announcements</i> , 2016 , 4,		4
53	Re-emergence of amantadine-resistant variants among highly pathogenic avian influenza H5N1 viruses in Egypt. <i>Infection, Genetics and Evolution</i> , 2016 , 46, 102-109	4.5	10
52	Middle East respiratory syndrome coronavirus: a comprehensive review. <i>Frontiers of Medicine</i> , 2016 , 10, 120-36	12	35
51	Generation of a reassortant avian influenza virus H5N2 vaccine strain capable of protecting chickens against infection with Egyptian H5N1 and H9N2 viruses. <i>Vaccine</i> , 2016 , 34, 218-224	4.1	9
50	Serological Evidence of Human Infection with Avian Influenza A H7virus in Egyptian Poultry Growers. <i>PLoS ONE</i> , 2016 , 11, e0155294	3.7	6
49	Avian Influenza A(H5N1) Virus in Egypt. <i>Emerging Infectious Diseases</i> , 2016 , 22, 379-88	10.2	56
48	Surveillance for Coronaviruses in Bats, Lebanon and Egypt, 2013-2015. <i>Emerging Infectious Diseases</i> , 2016 , 22, 148-50	10.2	8
47	Predicting Avian Influenza Co-Infection with H5N1 and H9N2 in Northern Egypt. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	11
46	Complete Genome Sequence of Middle East Respiratory Syndrome Coronavirus Isolated from a Dromedary Camel in Egypt. <i>Genome Announcements</i> , 2016 , 4,		14
45	Avian influenza A(H5N1) and A(H9N2) seroprevalence and risk factors for infection among Egyptians: a prospective, controlled seroepidemiological study. <i>Journal of Infectious Diseases</i> , 2015 , 211, 1399-407	7	58
44	Household Transmission of Zoonotic Influenza Viruses in a Cohort of Egyptian Poultry Growers. <i>JMIR Research Protocols</i> , 2015 , 4, e74	2	6
43	Molecular characterization of avian influenza H5N1 virus in Egypt and the emergence of a novel endemic subclade. <i>Journal of General Virology</i> , 2014 , 95, 1444-1463	4.9	41
42	Tropism and replication of Middle East respiratory syndrome coronavirus from dromedary camels in the human respiratory tract: an in-vitro and ex-vivo study. <i>Lancet Respiratory Medicine</i> , 2014 , 2, 813-22	35.1	77
41	Genetic and antigenic evolution of H9N2 avian influenza viruses circulating in Egypt between 2011 and 2013. <i>Archives of Virology</i> , 2014 , 159, 2861-76	2.6	43
40	Active surveillance for avian influenza virus, Egypt, 2010-2012. <i>Emerging Infectious Diseases</i> , 2014 , 20, 542-51	10.2	61
39	MERS coronaviruses in dromedary camels, Egypt. <i>Emerging Infectious Diseases</i> , 2014 , 20, 1049-53	10.2	221

38	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. <i>Journal of Virological Methods</i> , 2014 , 202, 28-33	2.6	6
37	Do commercial avian influenza H5 vaccines induce cross-reactive antibodies against contemporary H5N1 viruses in Egypt?. <i>Poultry Science</i> , 2013 , 92, 114-8	3.9	18
36	Characterization of the recent outbreak of foot-and-mouth disease virus serotype SAT2 in Egypt. <i>Archives of Virology</i> , 2013 , 158, 619-27	2.6	30
35	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. <i>Journal of Virology</i> , 2013 , 87, 4786-8	6.6	14
34	Antigenic diversity and cross-reactivity of avian influenza H5N1 viruses in Egypt between 2006 and 2011. <i>Journal of General Virology</i> , 2012 , 93, 2564-2574	4.9	22
33	Heterocyclic compounds based on 3-(4-bromophenyl) azo-5-phenyl-2(3H)-furanone: anti-avian influenza virus (H5N1) activity. <i>Acta Pharmaceutica</i> , 2012 , 62, 593-606	3.2	10
32	The epidemiological and molecular aspects of influenza H5N1 viruses at the human-animal interface in Egypt. <i>PLoS ONE</i> , 2011 , 6, e17730	3.7	49
31	Presence of enteric hepatitis viruses in the sewage and population of Greater Cairo. <i>Clinical Microbiology and Infection</i> , 2011 , 17, 1182-5	9.5	38
30	Novel benzimidazo[2,1-c][1,4]thiazinone derivatives with potent activity against HSV-1. <i>Archiv Der Pharmazie</i> , 2011 , 344, 255-63	4.3	7
29	Continuing threat of influenza (H5N1) virus circulation in Egypt. <i>Emerging Infectious Diseases</i> , 2011 , 17, 2306-8	10.2	42
28	Evidence of the co-circulation of enteric viruses in sewage and in the population of Greater Cairo. <i>Journal of Applied Microbiology</i> , 2010 , 108, 1620-9	4.7	50
27	Phytochemical investigation and medicinal evaluation of fixed oil of <i>Balanites aegyptiaca</i> fruits (Balantiaceae). <i>Journal of Ethnopharmacology</i> , 2010 , 127, 495-501	5	48
26	Puzzling inefficiency of H5N1 influenza vaccines in Egyptian poultry. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 11044-9	11.5	70
25	A facile synthesis and anti-avian influenza virus (H5N1) screening of some novel pyrazolopyrimidine nucleoside derivatives. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2010 , 29, 809-20	1.4	11
24	Prospective study of avian influenza transmission to humans in Egypt. <i>BMC Public Health</i> , 2010 , 10, 685	4.1	7
23	Synthesis and screening of some novel fused thiophene and thienopyrimidine derivatives for anti-avian influenza virus (H5N1) activity. <i>European Journal of Medicinal Chemistry</i> , 2010 , 45, 5251-7	6.8	71
22	Schistosoma mansoni soluble egg antigens enhance HCV replication in mammalian cells. <i>Journal of Infection in Developing Countries</i> , 2010 , 4, 226-34	2.3	9
21	Predominance and circulation of enteric viruses in the region of Greater Cairo, Egypt. <i>Journal of Clinical Microbiology</i> , 2009 , 47, 1037-45	9.7	85

20	Characterization of an avian influenza virus H5N1 Egyptian isolate. <i>Journal of Virological Methods</i> , 2009 , 159, 244-50	2.6	26
19	Characterization of NS3 protease from an Egyptian HCV genotype 4a isolate. <i>Archives of Virology</i> , 2009 , 154, 1649-57	2.6	7
18	Anti-HAV activity of some newly synthesized triazolo[4,3-b]pyridazines. <i>Archiv Der Pharmazie</i> , 2008 , 341, 223-30	4.3	10
17	Synthesis and antiviral screening of some novel pyridazine and triazolopyridazine nucleosides. <i>Heteroatom Chemistry</i> , 2007 , 18, 274-282	1.2	15
16	Assessment of Cryptosporidium Removal from Domestic Wastewater Via Constructed Wetland Systems. <i>Water, Air, and Soil Pollution</i> , 2007 , 179, 207-215	2.6	12
15	Synthesis, Reactions, and Antiviral Activity of 6?-Amino-2?-thioxo-1?,2?-dihydro-3,4?-bipyridine-3?,5?-dicarbonitrile. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007 , 182, 695-709	1	18
14	Synthesis of 3-[(4-Chloro-phenyl) oxiranyl]thiophen-2-yl-propanone and Their Reactions with Some Nucleophilles for Antiviral Evaluations. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007 , 183, 156-167	1	10
13	Synthesis, Characterization, and Antiviral Activities of Pyridopyrazolotriazines. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007 , 182, 133-149	1	20
12	Evaluation of herpes simplex detection in corneal scrapings by three molecular methods. <i>Current Microbiology</i> , 2006 , 52, 379-82	2.4	41
11	Synthesis, Reactions, and Antiviral Activity of 5?-Acetyl-6?-methyl-2?-thioxo-1?,2?-dihydro-3,4?-bipyridine-3?-carbonitrile. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2006 , 181, 1-14	1	26
10	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. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2006 , 181, 1087-1102	1	35
9	Synthesis and antiviral screening of some thieno[2,3-d]pyrimidine nucleosides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2006 , 25, 17-28	1.4	54
8	The Development of Filter Media Using Plant and Marine Waste for Virus Removal from Drinking Water. <i>Polymer-Plastics Technology and Engineering</i> , 2005 , 44, 321-333		
7	Chemical and biological evaluation of the essential oils of different Melaleuca species. <i>Phytotherapy Research</i> , 2004 , 18, 30-5	6.7	137
6	The cytotoxicity and antimicrobial efficiency of Moringa oleifera seeds extracts. <i>International Journal of Environmental Studies</i> , 2004 , 61, 699-708	1.8	26
5	Detection of enteric viruses, Giardia and Cryptosporidium in two different types of drinking water treatment facilities. <i>Water Research</i> , 2004 , 38, 3931-9	12.5	41
4	Myocarditis: an expected health hazard associated with water resources contaminated with Coxsackie viruses type B. <i>International Journal of Environmental Health Research</i> , 2003 , 13, 261-70	3.6	6
3	Microbiological and chemical study of the Nile river water quality. <i>International Journal of Environmental Studies</i> , 2000 , 58, 47-69	1.8	6

2	SARS-CoV-2 Genetic diversity and lineage dynamics of in Egypt	3
1	Chemical Composition, Antiviral against avian Influenza (H5N1) Virus and Antimicrobial activities of the Essential Oils of the Leaves and Fruits of <i>Fortunella margarita</i> , Lour. Swingle, Growing in Egypt. <i>Journal of Applied Pharmaceutical Science</i> ,	2 4