

Ahmed Mostafa

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.

91
papers

1,458
citations

22
h-index

33
g-index

99
ext. papers

2,131
ext. citations

4.6
avg. IF

5.09
L-index

#	Paper	IF	Citations
91	Itaconate and derivatives reduce interferon responses and inflammation in influenza A virus infection.. <i>PLoS Pathogens</i> , 2022 , 18, e1010219	7.6	4
90	Antiviral activity of chitosan nanoparticles encapsulating silymarin (Sil-NPs) against SARS-CoV-2 (in silico and in vitro study). <i>RSC Advances</i> , 2022 , 12, 15775-15786	3.7	2
89	Antiviral properties of clove (<i>Syzygium aromaticum</i>) 2022 , 675-682		
88	EBlockers bearing hydroxyethylamine and hydroxyethylene as potential SARS-CoV-2 Mpro inhibitors: rational based design, , , and SAR studies for lead optimization.. <i>RSC Advances</i> , 2021 , 11, 35536-35558 ¹⁹	3.7	19
87	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
86	Coronavirus Disease (COVID-19) Control between Drug Repurposing and Vaccination: A Comprehensive Overview. <i>Vaccines</i> , 2021 , 9,	5.3	9
85	In Silico and In Vivo Evaluation of SARS-CoV-2 Predicted Epitopes-Based Candidate Vaccine. <i>Molecules</i> , 2021 , 26,	4.8	9
84	Naturally Available Flavonoid Aglycones as Potential Antiviral Drug Candidates against SARS-CoV-2. <i>Molecules</i> , 2021 , 26,	4.8	16
83	Incidence, household transmission, and neutralizing antibody seroprevalence of Coronavirus Disease 2019 in Egypt: Results of a community-based cohort. <i>PLoS Pathogens</i> , 2021 , 17, e1009413	7.6	8
82	Immunogenicity and Safety of an Inactivated SARS-CoV-2 Vaccine: Preclinical Studies. <i>Vaccines</i> , 2021 , 9,	5.3	15
81	Structure- and Ligand-Based Studies towards the Repurposing of Marine Bioactive Compounds to Target SARS-CoV-2.. <i>Arabian Journal of Chemistry</i> , 2021 , 14, 103092	5.9	6
80	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
79	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
78	Bioactive Polyphenolic Compounds Showing Strong Antiviral Activities against Severe Acute Respiratory Syndrome Coronavirus 2. <i>Pathogens</i> , 2021 , 10,	4.5	33
77	Promising anti-SARS-CoV-2 drugs by effective dual targeting against the viral and host proteases. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021 , 43, 128099	2.9	7
76	H5 Influenza Viruses in Egypt. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2021 , 11,	5.4	5
75	Lipid polymer hybrid nanocarriers as a combinatory platform for different anti-SARS-CoV-2 drugs supported by computational studies.. <i>RSC Advances</i> , 2021 , 11, 28876-28891	3.7	0

74	Drug Repurposing of Lactoferrin Combination in a Nanodrug Delivery System to Combat Severe Acute Respiratory Syndrome Coronavirus-2 Infection. <i>Dr Sulaiman Al Habib Medical Journal</i> , 2021 , 3, 104	1.4	4
73	Improved Efficacy of Baloxavir Marboxil Against Influenza A Virus Infection by Combination Treatment With the MEK Inhibitor ATR-002. <i>Frontiers in Microbiology</i> , 2021 , 12, 611958	5.7	4
72	Repurposing of Sitagliptin- Melittin Optimized Nanoformula against SARS-CoV-2: Antiviral Screening and Molecular Docking Studies. <i>Pharmaceutics</i> , 2021 , 13,	6.4	12
71	Determinants of having severe acute respiratory syndrome coronavirus 2 neutralizing antibodies in Egypt. <i>Influenza and Other Respiratory Viruses</i> , 2021 , 15, 750-756	5.6	0
70	Iterated Virtual Screening-Assisted Antiviral and Enzyme Inhibition Assays Reveal the Discovery of Novel Promising Anti-SARS-CoV-2 with Dual Activity. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
69	3-Alkenyl-2-oxindoles: Synthesis, antiproliferative and antiviral properties against SARS-CoV-2. <i>Bioorganic Chemistry</i> , 2021 , 114, 105131	5.1	4
68	Telaprevir is a potential drug for repurposing against SARS-CoV-2: computational and studies. <i>Heliyon</i> , 2021 , 7, e07962	3.6	29
67	New Pyrazine Conjugates: Synthesis, Computational Studies, and Antiviral Properties against SARS-CoV-2. <i>ChemMedChem</i> , 2021 , 16, 3418-3427	3.7	2
66	(L.) Merr. Bioactive Constituents Exert Anti-SARS-CoV-2 and Anti-Inflammatory Activities: Molecular Docking and Dynamics, In Vitro, and In Vivo Studies. <i>Molecules</i> , 2021 , 26,	4.8	22
65	New quinoline-triazole conjugates: Synthesis, and antiviral properties against SARS-CoV-2. <i>Bioorganic Chemistry</i> , 2021 , 114, 105117	5.1	11
64	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
63	Delineating a potent antiviral activity of extract loaded nano-formulation against SARS-CoV-2: studies. <i>Journal of Drug Delivery Science and Technology</i> , 2021 , 66, 102845	4.5	21
62	Design and synthesis of new 4-(2-nitrophenoxy)benzamide derivatives as potential antiviral agents: molecular modeling and in vitro antiviral screening. <i>New Journal of Chemistry</i> , 2021 , 45, 16557-16571	3.6	22
61	The positron and mechanical parameters of a cold-worked aluminum alloy (3004) Using PALT, PADBT and HV**. <i>Journal of the Mechanical Behavior of Materials</i> , 2021 , 30, 292-303	1.9	
60	Scrutinizing the Feasibility of Nonionic Surfactants to Form Isotropic Bicelles of Curcumin: a Potential Antiviral Candidate Against COVID-19.. <i>AAPS PharmSciTech</i> , 2021 , 23, 44	3.9	10
59	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
58	Molecular docking, molecular dynamics, and studies reveal the potential of angiotensin II receptor blockers to inhibit the COVID-19 main protease. <i>Heliyon</i> , 2020 , 6, e05641	3.6	48
57	FDA-Approved Drugs with Potent In Vitro Antiviral Activity against Severe Acute Respiratory Syndrome Coronavirus 2. <i>Pharmaceutics</i> , 2020 , 13,	5.2	47

56	Drug repurposing of nitazoxanide: can it be an effective therapy for COVID-19?. <i>Journal of Genetic Engineering and Biotechnology</i> , 2020 , 18, 35	3.1	39
55	Coding-Complete Genome Sequences of Two SARS-CoV-2 Isolates from Egypt. <i>Microbiology Resource Announcements</i> , 2020 , 9,	1.3	21
54	Middle East Respiratory Syndrome Coronavirus (MERS-CoV): State of the Science. <i>Microorganisms</i> , 2020 , 8,	4.9	12
53	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
52	EGYVIR: An immunomodulatory herbal extract with potent antiviral activity against SARS-CoV-2. <i>PLoS ONE</i> , 2020 , 15, e0241739	3.7	15
51	Immune Checkpoint Regulators: A New Era Toward Promising Cancer Therapy. <i>Current Cancer Drug Targets</i> , 2020 , 20, 429-460	2.8	0
50	Stenting in Non-Small Cell Lung Cancer: How Does It Affect the Outcomes?. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020 , 21, 175-178	1.7	
49	Genetic incompatibilities and reduced transmission in chickens may limit the evolution of reassortants between H9N2 and panzootic H5N8 clade 2.3.4.4 avian influenza virus showing high virulence for mammals. <i>Virus Evolution</i> , 2020 , 6, veaa077	3.7	3
48	Anti-Influenza Activity of the Ribonuclease Binase: Cellular Targets Detected by Quantitative Proteomics. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	3
47	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
46	Bacterial Outer Membrane Vesicles (OMVs)-based Dual Vaccine for Influenza A H1N1 Virus and MERS-CoV. <i>Vaccines</i> , 2019 , 7,	5.3	24
45	Middle East respiratory syndrome coronavirus infection in non-camelid domestic mammals. <i>Emerging Microbes and Infections</i> , 2019 , 8, 103-108	18.9	36
44	Time-Resolved Systems Medicine Reveals Viral Infection-Modulating Host Targets. <i>Systems Medicine (New Rochelle, N Y)</i> , 2019 , 2, 1-9	1.6	5
43	Global patterns of avian influenza A (H7): virus evolution and zoonotic threats. <i>FEMS Microbiology Reviews</i> , 2019 , 43, 608-621	15.1	22
42	Middle East Respiratory Syndrome Coronavirus (MERS-CoV) in Dromedary Camels in Africa and Middle East. <i>Viruses</i> , 2019 , 11,	6.2	29
41	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
40	Quantitative analysis and resolution of pharmaceuticals in the environment using multivariate curve resolution-alternating least squares (MCR-ALS). <i>Acta Pharmaceutica</i> , 2019 , 69, 217-231	3.2	10
39	Eco-Friendly Pharmaceutical Analysis of Multicomponent Drugs Coformulated in Different Dosage Forms Using Multivariate Curve Resolution and Partial Least Squares: A Comparative Study. <i>Journal of AOAC INTERNATIONAL</i> , 2019 , 102, 465-472	1.7	5

38	The secRNome of <i>Listeria monocytogenes</i> Harbors Small Noncoding RNAs That Are Potent Inducers of Beta Interferon. <i>MBio</i> , 2019 , 10,	7.8	24
37	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
36	Authorised medicinal product Aspecton [®] Oral Drops containing thyme extract KMTv24497 shows antiviral activity against viruses which cause respiratory infections. <i>Journal of Herbal Medicine</i> , 2018 , 13, 26-33	2.3	5
35	Influenza H3N2 Vaccines: Recent Challenges. <i>Trends in Microbiology</i> , 2018 , 26, 87-89	12.4	6
34	NS Segment of a 1918 Influenza A Virus-Descendent Enhances Replication of H1N1pdm09 and Virus-Induced Cellular Immune Response in Mammalian and Avian Systems. <i>Frontiers in Microbiology</i> , 2018 , 9, 526	5.7	20
33	Bacterial ribonuclease binase exerts an intra-cellular anti-viral mode of action targeting viral RNAs in influenza a virus-infected MDCK-II cells. <i>Virology Journal</i> , 2018 , 15, 5	6.1	13
32	Thoracoscopic management of early stages of empyema: is this the golden standard?. <i>Journal of Visualized Surgery</i> , 2018 , 4, 114	0.3	7
31	Zoonotic Potential of Influenza A Viruses: A Comprehensive Overview. <i>Viruses</i> , 2018 , 10,	6.2	102
30	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
29	Avian influenza H5N1 vaccination efficacy in Egyptian backyard poultry. <i>Vaccine</i> , 2017 , 35, 6195-6201	4.1	8
28	Ribonuclease from Acts as an Antiviral Agent against Negative- and Positive-Sense Single Stranded Human Respiratory RNA Viruses. <i>BioMed Research International</i> , 2017 , 2017, 5279065	3	14
27	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
26	Evaluation of radical scavenging system in two microalgae in response to interactive stresses of UV-B radiation and nitrogen starvation. <i>Saudi Journal of Biological Sciences</i> , 2016 , 23, 706-712	4	28
25	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
24	Antiviral Activity of Bacterial Extracellular Ribonuclease Against Single-, Double-Stranded RNA and DNA Containing Viruses in Cell Cultures. <i>BioNanoScience</i> , 2016 , 6, 561-563	3.4	7
23	Introduction and enzootic of A/H5N1 in Egypt: Virus evolution, pathogenicity and vaccine efficacy ten years on. <i>Infection, Genetics and Evolution</i> , 2016 , 40, 80-90	4.5	43
22	Phylogenetic analysis of human influenza A/H3N2 viruses isolated in 2015 in Germany indicates significant genetic divergence from vaccine strains. <i>Archives of Virology</i> , 2016 , 161, 1505-15	2.6	12
21	Growth factors and cytokines in patients with long bone fractures and associated spinal cord injury. <i>Journal of Orthopaedics</i> , 2016 , 13, 69-75	1.6	7

20	The PB1 segment of an influenza A virus H1N1 2009pdm isolate enhances the replication efficiency of specific influenza vaccine strains in cell culture and embryonated eggs. <i>Journal of General Virology</i> , 2016 , 97, 620-631	4.9	11
19	Identification of specific residues in avian influenza A virus NS1 that enhance viral replication and pathogenicity in mammalian systems. <i>Journal of General Virology</i> , 2016 , 97, 2135-2148	4.9	10
18	Influenza virus-induced caspase-dependent enlargement of nuclear pores promotes nuclear export of viral ribonucleoprotein complexes. <i>Journal of Virology</i> , 2015 , 89, 6009-21	6.6	46
17	In Silico Prediction and Experimental Confirmation of HA Residues Conferring Enhanced Human Receptor Specificity of H5N1 Influenza A Viruses. <i>Scientific Reports</i> , 2015 , 5, 11434	4.9	32
16	Efficient generation of recombinant influenza A viruses employing a new approach to overcome the genetic instability of HA segments. <i>PLoS ONE</i> , 2015 , 10, e0116917	3.7	10
15	Ollier Disease With Sole Chest Wall Involvement. <i>Annals of Thoracic Surgery</i> , 2015 , 100, 327	2.7	
14	Activation of c-jun N-terminal kinase upon influenza A virus (IAV) infection is independent of pathogen-related receptors but dependent on amino acid sequence variations of IAV NS1. <i>Journal of Virology</i> , 2014 , 88, 8843-52	6.6	23
13	Improved dual promotor-driven reverse genetics system for influenza viruses. <i>Journal of Virological Methods</i> , 2013 , 193, 603-10	2.6	17
12	Synthesis and Anti-Avian Influenza Virus (H5N1) Evaluation of Some Novel Nicotinonitriles and Their N-Acyclic Nucleosides. <i>Journal of Heterocyclic Chemistry</i> , 2012 , 49, 1130-1135	1.9	17
11	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
10	Development, application and validation of RP-HPLC method for the simultaneous determination of butamirate citrate and its main degradation product in pharmaceutical dosage forms. <i>Analytical Methods</i> , 2011 , 3, 1643	3.2	3
9	Investigation of the volatile composition of pinotage wines fermented with different malolactic starter cultures using comprehensive two-dimensional gas chromatography coupled to time-of-flight mass spectrometry (GC/TOF-MS). <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 10752-10761	5.7	21
8	Characterisation of volatile components of Pinotage wines using comprehensive two-dimensional gas chromatography coupled to time-of-flight mass spectrometry (GC/TOFMS). <i>Food Chemistry</i> , 2011 , 129, 188-199	8.5	66
7	Continuing threat of influenza (H5N1) virus circulation in Egypt. <i>Emerging Infectious Diseases</i> , 2011 , 17, 2306-8	10.2	42
6	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
5	Design, synthesis and preliminary antiviral screening of new N-phenylpyrazole and dihydroisoxazole derivatives. <i>Medicinal Chemistry Research</i> , 2010 , 19, 1025-1035	2.2	9
4	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
3	Characterization of an avian influenza virus H5N1 Egyptian isolate. <i>Journal of Virological Methods</i> , 2009 , 159, 244-50	2.6	26

- 2 Newly Synthesized Series of Oxindole-Oxadiazole Conjugates as Potential Anti-SARS-CoV-2 Agents: In Silico and In Vitro Studies. *New Journal of Chemistry*, 3.6 8
- 1 Itaconate and derivatives reduce interferon responses and inflammation in influenza A virus infection 3