

Mohamed A. Ali

List of Publications by Year in descending order

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115
papers

3,559
citations

109321

35
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168389

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119
all docs

119
docs citations

119
times ranked

4218
citing authors

#	ARTICLE	IF	CITATIONS
1	Aurasperone A Inhibits SARS CoV-2 In Vitro: An Integrated In Vitro and In Silico Study. <i>Marine Drugs</i> , 2022, 20, 179.	4.6	13
2	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, 68-74.	1.3	4
3	Genetic and Antigenic Characteristics of Highly Pathogenic Avian Influenza A(H5N8) Viruses Circulating in Domestic Poultry in Egypt, 2017–2021. <i>Microorganisms</i> , 2022, 10, 595.	3.6	13
4	In Vitro and In Vivo Antiviral Studies of New Heteroannulated 1,2,3-Triazole Glycosides Targeting the Neuraminidase of Influenza A Viruses. <i>Pharmaceuticals</i> , 2022, 15, 351.	3.8	10
5	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.	1.8	2
6	Antiviral activity of chitosan nanoparticles encapsulating silymarin (Si-CNPs) against SARS-CoV-2 (<i>in silico</i> and <i>in vitro</i> study). <i>RSC Advances</i> , 2022, 12, 15775-15786.	3.6	16
7	Insights into Genetic Characteristics and Virological Features of Endemic Avian Influenza A (H9N2) Viruses in Egypt from 2017–2021. <i>Viruses</i> , 2022, 14, 1484.	3.3	4
8	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) immunoglobulins using chemiluminescence immunoassay and its correlation with neutralizing antibodies. <i>Virus Research</i> , 2022, 319, 198852.	2.2	3
9	H5 Influenza Viruses in Egypt. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2021, 11, a038745.	6.2	15
10	Impact of Individual Viral Gene Segments from Influenza A/H5N8 Virus on the Protective Efficacy of Inactivated Subtype-Specific Influenza Vaccine. <i>Pathogens</i> , 2021, 10, 368.	2.8	3
11	Immunogenicity and Safety of an Inactivated SARS-CoV-2 Vaccine: Preclinical Studies. <i>Vaccines</i> , 2021, 9, 214.	4.4	33
12	Molecular Characterization of Closely Related H6N2 Avian Influenza Viruses Isolated from Turkey, Egypt, and Uganda. <i>Viruses</i> , 2021, 13, 607.	3.3	4
13	Egyptian Fruit Bats (<i>Rousettus aegyptiacus</i>) 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, 672.	3.3	7
14	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, 542.	3.7	16
15	Strong Inhibitory Activity and Action Modes of Synthetic Maslinic Acid Derivative on Highly Pathogenic Coronaviruses: COVID-19 Drug Candidate. <i>Pathogens</i> , 2021, 10, 623.	2.8	44
16	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.	2.5	20
17	Bioactive Polyphenolic Compounds Showing Strong Antiviral Activities against Severe Acute Respiratory Syndrome Coronavirus 2. <i>Pathogens</i> , 2021, 10, 758.	2.8	66
18	3-Alkenyl-2-oxindoles: Synthesis, antiproliferative and antiviral properties against SARS-CoV-2. <i>Bioorganic Chemistry</i> , 2021, 114, 105131.	4.1	23

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19	Telaprevir is a potential drug for repurposing against SARS-CoV-2: computational and in vitro studies. <i>Heliyon</i> , 2021, 7, e07962.	3.2	62
20	New Pyrazine Conjugates: Synthesis, Computational Studies, and Antiviral Properties against SARS-CoV-2. <i>ChemMedChem</i> , 2021, 16, 3418-3427.	3.2	17
21	New quinoline-triazole conjugates: Synthesis, and antiviral properties against SARS-CoV-2. <i>Bioorganic Chemistry</i> , 2021, 114, 105117.	4.1	45
22	Discovery of novel oxazole-based macrocycles as anti-coronaviral agents targeting SARS-CoV-2 main protease. <i>Bioorganic Chemistry</i> , 2021, 116, 105363.	4.1	10
23	In Silico and In Vivo Evaluation of SARS-CoV-2 Predicted Epitopes-Based Candidate Vaccine. <i>Molecules</i> , 2021, 26, 6182.	3.8	23
24	Synthesis of aspirin-curcumin mimic conjugates of potential antitumor and anti-SARS-CoV-2 properties. <i>Bioorganic Chemistry</i> , 2021, 117, 105466.	4.1	15
25	<p></p>Virucidal Action Against Avian Influenza H5N1 Virus and Immunomodulatory Effects of Nanoformulations Consisting of Mesoporous Silica Nanoparticles Loaded with Natural Prodrugs</p>. <i>International Journal of Nanomedicine</i> , 2020, Volume 15, 5181-5202.	6.7	26
26	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, 1046.	3.3	12
27	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.	4.3	19
28	Prevalence of Severe Acute Respiratory Syndrome Coronavirus 2 Neutralizing Antibodies in Egyptian Convalescent Plasma Donors. <i>Frontiers in Microbiology</i> , 2020, 11, 596851.	3.5	7
29	FDA-Approved Drugs with Potent In Vitro Antiviral Activity against Severe Acute Respiratory Syndrome Coronavirus 2. <i>Pharmaceuticals</i> , 2020, 13, 443.	3.8	110
30	Diversity of Astroviruses Circulating in Humans, Bats, and Wild Birds in Egypt. <i>Viruses</i> , 2020, 12, 485.	3.3	12
31	Coding-Complete Genome Sequences of Two SARS-CoV-2 Isolates from Egypt. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.6	44
32	Middle East Respiratory Syndrome Coronavirus (MERS-CoV): State of the Science. <i>Microorganisms</i> , 2020, 8, 991.	3.6	30
33	Common childhood vaccines do not elicit a cross-reactive antibody response against SARS-CoV-2. <i>PLoS ONE</i> , 2020, 15, e0241471.	2.5	11
34	EGYVIR: An immunomodulatory herbal extract with potent antiviral activity against SARS-CoV-2. <i>PLoS ONE</i> , 2020, 15, e0241739.	2.5	32
35	Avian influenza surveillance at the human-animal interface in Lebanon, 2017. <i>Eastern Mediterranean Health Journal</i> , 2020, 26, 774-778.	0.8	4
36	Middle East Respiratory Syndrome Coronavirus (MERS-CoV) in Dromedary Camels in Africa and Middle East. <i>Viruses</i> , 2019, 11, 717.	3.3	38

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37	Genetic and antigenic characterization of avian influenza H9N2 viruses during 2016 in Iraq. <i>Open Veterinary Journal</i> , 2019, 9, 164.	0.7	1
38	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.	3.4	9
39	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, 990.	3.3	13
40	Active surveillance and genetic evolution of avian influenza viruses in Egypt, 2016â€“2018. <i>Emerging Microbes and Infections</i> , 2019, 8, 1370-1382.	6.5	29
41	Surveillance for avian influenza viruses in wild birds at live bird markets, Egypt, 2014â€“2016. <i>Influenza and Other Respiratory Viruses</i> , 2019, 13, 407-414.	3.4	20
42	Bacterial Outer Membrane Vesicles (OMVs)-Based Dual Vaccine for Influenza A H1N1 Virus and MERS-CoV. <i>Vaccines</i> , 2019, 7, 46.	4.4	38
43	Middle East respiratory syndrome coronavirus infection in non-camelid domestic mammals. <i>Emerging Microbes and Infections</i> , 2019, 8, 103-108.	6.5	42
44	Co-infection with different serotypes of FMDV in vaccinated cattle in Southern Egypt. <i>Virus Genes</i> , 2019, 55, 304-313.	1.6	24
45	Evolution of H5-Type Avian Influenza A Virus Towards Mammalian Tropism in Egypt, 2014 to 2015. <i>Pathogens</i> , 2019, 8, 224.	2.8	2
46	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, 281.	2.8	4
47	Isolation and Characterization of a Distinct Influenza A Virus from Egyptian Bats. <i>Journal of Virology</i> , 2019, 93, .	3.4	42
48	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.	0.4	8
49	Isolation and characterization of the bioactive metabolites from the soil derived fungus <i>Trichoderma viride</i> . <i>Mycology</i> , 2018, 9, 70-80.	4.4	49
50	Evidence of infection with avian, human, and swine influenza viruses in pigs in Cairo, Egypt. <i>Archives of Virology</i> , 2018, 163, 359-364.	2.1	24
51	Efficacy of commercial vaccines against newly emerging avian influenza H5N8 virus in Egypt. <i>Scientific Reports</i> , 2018, 8, 9697.	3.3	36
52	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.	0.7	5
53	How's 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.	2.3	15
54	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.	2.1	11

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55	Systematic, active surveillance for Middle East respiratory syndrome coronavirus in camels in Egypt. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-7.	6.5	55
56	Avian influenza H5N1 vaccination efficacy in Egyptian backyard poultry. <i>Vaccine</i> , 2017, 35, 6195-6201.	3.8	9
57	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.	2.1	13
58	Synthesis and Anti-Influenza Virus Activity of Novel bis(4-hydroxy-2-chromene-3-carbonitrile) Derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2017, 54, 1854-1862.	2.6	47
59	Immune responses to killed reassorted influenza virus supplemented with natural adjuvants. <i>Acta Microbiologica Et Immunologica Hungarica</i> , 2017, 64, 313-330.	0.8	3
60	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.	2.9	44
61	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.	2.9	54
62	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, .	7.0	41
63	Avian Influenza A(H5N1) Virus in Egypt. <i>Emerging Infectious Diseases</i> , 2016, 22, 379-388.	4.3	79
64	Surveillance for Coronaviruses in Bats, Lebanon and Egypt, 2013-2015. <i>Emerging Infectious Diseases</i> , 2016, 22, 148-150.	4.3	15
65	Predicting Avian Influenza Co-Infection with H5N1 and H9N2 in Northern Egypt. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 886.	2.6	17
66	Complete Genome Sequence of Middle East Respiratory Syndrome Coronavirus Isolated from a Dromedary Camel in Egypt. <i>Genome Announcements</i> , 2016, 4, .	0.8	17
67	Complete Genome Sequence of the First H5N1 Avian Influenza Virus Isolated from Chickens in Lebanon in 2016. <i>Genome Announcements</i> , 2016, 4, .	0.8	5
68	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.	2.3	20
69	Middle East respiratory syndrome coronavirus: a comprehensive review. <i>Frontiers of Medicine</i> , 2016, 10, 120-136.	3.4	49
70	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.	3.8	13
71	Serological Evidence of Human Infection with Avian Influenza A H7virus in Egyptian Poultry Growers. <i>PLoS ONE</i> , 2016, 11, e0155294.	2.5	6
72	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, 1399-1407.	4.0	69

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73	Household Transmission of Zoonotic Influenza Viruses in a Cohort of Egyptian Poultry Growers. JMIR Research Protocols, 2015, 4, e74.	1.0	8
74	Active Surveillance for Avian Influenza Virus, Egypt, 2010â€“2012. Emerging Infectious Diseases, 2014, 20, 542-551.	4.3	71
75	MERS Coronaviruses in Dromedary Camels, Egypt. Emerging Infectious Diseases, 2014, 20, 1049-1053.	4.3	259
76	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.	2.1	6
77	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.	2.9	46
78	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, 813-822.	10.7	86
79	Genetic and antigenic evolution of H9N2 avian influenza viruses circulating in Egypt between 2011 and 2013. Archives of Virology, 2014, 159, 2861-2876.	2.1	58
80	Do commercial avian influenza H5 vaccines induce cross-reactive antibodies against contemporary H5N1 viruses in Egypt?. Poultry Science, 2013, 92, 114-118.	3.4	20
81	Characterization of the recent outbreak of foot-and-mouth disease virus serotype SAT2 in Egypt. Archives of Virology, 2013, 158, 619-627.	2.1	47
82	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, 4786-4788.	3.4	15
83	Heterocyclic compounds based on 3-(4-bromophenyl) azo-5-phenyl-2(3H)-furanone: Anti-avian influenza virus (H5N1) activity / HeterocikliÄki derivati 3-(4-bromfenil) azo-5-fenil-2(3H)-furanona: Djelovanje na virus ptiÄje gripe (H5N1). Acta Pharmaceutica, 2012, 62, 593-606.	2.0	13
84	Antigenic diversity and cross-reactivity of avian influenza H5N1 viruses in Egypt between 2006 and 2011. Journal of General Virology, 2012, 93, 2564-2574.	2.9	22
85	The Epidemiological and Molecular Aspects of Influenza H5N1 Viruses at the Human-Animal Interface in Egypt. PLoS ONE, 2011, 6, e17730.	2.5	53
86	Presence of enteric hepatitis viruses in the sewage and population of Greater Cairo. Clinical Microbiology and Infection, 2011, 17, 1182-1185.	6.0	49
87	Novel Benzimidazo[2,1- <i>bc</i>][1,4]thiazinone Derivatives with Potent Activity Against HSV-1. Archiv Der Pharmazie, 2011, 344, 255-263.	4.1	9
88	Continuing Threat of Influenza (H5N1) Virus Circulation in Egypt. Emerging Infectious Diseases, 2011, 17, 2306-2308.	4.3	44
89	A Facile Synthesis and Anti-Avian Influenza Virus (H5N1) Screening of Some Novel Pyrazolopyrimidine Nucleoside Derivatives. Nucleosides, Nucleotides and Nucleic Acids, 2010, 29, 809-820.	1.1	12
90	Prospective study of avian influenza transmission to humans in egypt. BMC Public Health, 2010, 10, 685.	2.9	9

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91	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, 5251-5257.	5.5	79
92	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, 1620-1629.	3.1	57
93	Phytochemical investigation and medicinal evaluation of fixed oil of <i>Balanites aegyptiaca</i> fruits (Balantiaceae). <i>Journal of Ethnopharmacology</i> , 2010, 127, 495-501.	4.1	63
94	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, 11044-11049.	7.1	84
95	<i>Schistosoma mansoni</i> soluble egg antigens enhance HCV replication in mammalian cells. <i>Journal of Infection in Developing Countries</i> , 2010, 4, 226-234.	1.2	9
96	Predominance and Circulation of Enteric Viruses in the Region of Greater Cairo, Egypt. <i>Journal of Clinical Microbiology</i> , 2009, 47, 1037-1045.	3.9	105
97	Characterization of an avian influenza virus H5N1 Egyptian isolate. <i>Journal of Virological Methods</i> , 2009, 159, 244-250.	2.1	31
98	Characterization of NS3 protease from an Egyptian HCV genotype 4a isolate. <i>Archives of Virology</i> , 2009, 154, 1649-1657.	2.1	8
99	Anti-HAV Activity of Some Newly Synthesized Triazolo[4,3-b]pyridazines. <i>Archiv Der Pharmazie</i> , 2008, 341, 223-230.	4.1	13
100	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.	1.6	12
101	Synthesis of 3-[(4-Chloro-phenyl) oxiranyl]thiophen-2-yl-propanone and Their Reactions with Some Nucleophiles for Antiviral Evaluations. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007, 183, 156-167.	1.6	12
102	Synthesis, Characterization, and Antiviral Activities of Pyridopyrazolotriazines. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2007, 182, 133-149.	1.6	23
103	Synthesis and antiviral screening of some novel pyridazine and triazolopyridazine nucleosides. <i>Heteroatom Chemistry</i> , 2007, 18, 274-282.	0.7	16
104	Assessment of <i>Cryptosporidium</i> Removal from Domestic Wastewater Via Constructed Wetland Systems. <i>Water, Air, and Soil Pollution</i> , 2007, 179, 207-215.	2.4	15
105	Synthesis and Antiviral Screening of Some Thieno[2,3-d]Pyrimidine Nucleosides. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2006, 25, 17-28.	1.1	70
106	Evaluation of Herpes Simplex Detection in Corneal Scrapings by Three Molecular Methods. <i>Current Microbiology</i> , 2006, 52, 379-382.	2.2	46
107	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.	1.6	42
108	Synthesis, Reactions, and Antiviral Activity of 1-(1H-Pyrazolo[3,4-b]pyridin-5-yl)ethanone and Pyrido[2,3-a: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.	1.6	42

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109	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.	1.9	0
110	Chemical and biological evaluation of the essential oils of different <i>Melaleuca</i> species. <i>Phytotherapy Research</i> , 2004, 18, 30-35.	5.8	156
111	The cytotoxicity and antimicrobial efficiency of <i>Moringa oleifera</i> seeds extracts. <i>International Journal of Environmental Studies</i> , 2004, 61, 699-708.	1.6	34
112	Detection of enteric viruses, <i>Giardia</i> and <i>Cryptosporidium</i> in two different types of drinking water treatment facilities. <i>Water Research</i> , 2004, 38, 3931-3939.	11.3	53
113	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, 261-270.	2.7	7
114	Microbiological and chemical study of the Nile river water quality. <i>International Journal of Environmental Studies</i> , 2000, 58, 47-69.	1.6	7
115	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> , 0, , .	1.0	6