Abdo A. Elfiky

List of Publications by Citations

61 papers	2,453 citations	20 h-index	49 g-index
71 ext. papers	3,061 ext. citations	6.4 avg, IF	7.79 L-index

#	Paper	IF	Citations
61	Ribavirin, Remdesivir, Sofosbuvir, Galidesivir, and Tenofovir against SARS-CoV-2 RNA dependent RNA polymerase (RdRp): A molecular docking study. *Life Sciences*, **2020**, 253, 117592	6.8	521
60	Anti-HCV, nucleotide inhibitors, repurposing against COVID-19. *Life Sciences*, **2020**, 248, 117477	6.8	428
59	COVID-19 spike-host cell receptor GRP78 binding site prediction. *Journal of Infection*, **2020**, 80, 554-562	18.9	280
58	GRP78: A cell's response to stress. *Life Sciences*, **2019**, 226, 156-163	6.8	175
57	SARS-CoV-2 RNA dependent RNA polymerase (RdRp) targeting: an perspective. *Journal of Biomolecular Structure and Dynamics*, **2021**, 39, 3204-3212	3.6	144
56	Natural products may interfere with SARS-CoV-2 attachment to the host cell. *Journal of Biomolecular Structure and Dynamics*, **2021**, 39, 3194-3203	3.6	85
55	Quantitative structure-activity relationship and molecular docking revealed a potency of anti-hepatitis C virus drugs against human corona viruses. *Journal of Medical Virology*, **2017**, 89, 1040-1047	19.7	80
54	Zika viral polymerase inhibition using anti-HCV drugs both in market and under clinical trials. *Journal of Medical Virology*, **2016**, 88, 2044-2051	19.7	58
53	Novel guanosine derivatives against MERS CoV polymerase: An perspective. *Journal of Biomolecular Structure and Dynamics*, **2021**, 39, 2923-2931	3.6	41
52	Caffeic acid derivatives (CAFDs) as inhibitors of SARS-CoV-2: CAFDs-based functional foods as a potential alternative approach to combat COVID-19. *Phytomedicine*, **2021**, 85, 153310	6.5	36
51	Molecular modeling comparison of the performance of NS5b polymerase inhibitor (PSI-7977) on prevalent HCV genotypes. *Protein Journal*, **2013**, 32, 75-80	3.9	33
50	GRP78 targeting: Hitting two birds with a stone. *Life Sciences*, **2020**, 260, 118317	6.8	33
49	Molecular dynamics and docking reveal the potency of novel GTP derivatives against RNA dependent RNA polymerase of genotype 4a HCV. *Life Sciences*, **2019**, 238, 116958	6.8	30
48	Molecular dynamics simulation revealed binding of nucleotide inhibitors to ZIKV polymerase over 444 nanoseconds. *Journal of Medical Virology*, **2018**, 90, 13-18	19.7	28
47	IDX-184 is a superior HCV direct-acting antiviral drug: a QSAR study. *Medicinal Chemistry Research*, **2016**, 25, 1005-1008	2.2	26
46	Molecular docking revealed the binding of nucleotide/side inhibitors to Zika viral polymerase solved structures. *SAR and QSAR in Environmental Research*, **2018**, 29, 409-418	3.5	25
45	Clean Grinding Technique: A Facile Synthesis and In Silico Antiviral Activity of Hydrazones, Pyrazoles, and Pyrazines Bearing Thiazole Moiety against SARS-CoV-2 Main Protease (M). *Molecules* , **2020**, 25,	4.8	23

44	Correlation to protein conformation of Wide-angle X-ray Scatter parameters. *Protein Journal*, **2010**, 29, 545-50	3.9	22
43	SARS-CoV-2 Spike-Heat Shock Protein A5 (GRP78) Recognition may be Related to the Immersed Human Coronaviruses. *Frontiers in Pharmacology*, **2020**, 11, 577467	5.6	22
42	Host-cell recognition through GRP78 is enhanced in the new UK variant of SARS-CoV-2, in silico. *Journal of Infection*, **2021**, 82, 186-230	18.9	20
41	Novel Guanosine Derivatives as Anti-HCV NS5b Polymerase: A QSAR and Molecular Docking Study. *Medicinal Chemistry*, **2019**, 15, 130-137	1.8	19
40	Zika virus: novel guanosine derivatives revealed strong binding and possible inhibition of the polymerase. *Future Virology*, **2017**, 12, 721-728	2.4	18
39	Zika virus envelope - heat shock protein A5 (GRP78) binding site prediction. *Journal of Biomolecular Structure and Dynamics*, **2021**, 39, 5248-5260	3.6	15
38	Anti-SARS and anti-HCV drugs repurposing against the Papain-like protease of the newly emerged coronavirus (2019-nCoV)		15
37	Recognition through GRP78 is enhanced in the UK, South African, and Brazilian variants of SARS-CoV-2; An in silico perspective. *Biochemical and Biophysical Research Communications*, **2021**, 562, 89-93	3.4	15
36	Human papillomavirus E6: Host cell receptor, GRP78, binding site prediction. *Journal of Medical Virology*, **2020**, 92, 3759	19.7	14
35	2?-Methylguanosine Prodrug (IDX-184), Phosphoramidate Prodrug (Sofosbuvir), Diisobutyryl Prodrug (R7128) Are Better Than Their Parent Nucleotides and Ribavirin in Hepatitis C Virus Inhibition: A Molecular Modeling Study. *Journal of Computational and Theoretical Nanoscience*, **2015**	0.3	14
34	The Electronic and Quantitative Structure Activity Relationship Properties of Modified Telaprevir Compounds as HCV NS3 Protease Inhibitors. *Journal of Computational and Theoretical Nanoscience*, **2014**, 11, 544-548	0.3	14
33	COVID-19 Spike-host cell receptor GRP78 binding site prediction		13
32	The antiviral Sofosbuvir against mucormycosis: an in silico perspective. *Future Virology*, **2019**, 14, 739-744	2.4	13
31	Molecular modeling and docking revealed superiority of IDX-184 as HCV polymerase inhibitor. *Future Virology*, **2017**, 12, 339-347	2.4	12
30	A possible role for GRP78 in cross vaccination against COVID-19. *Journal of Infection*, **2021**, 82, 282-327	18.9	12
29	The anti-HCV, Sofosbuvir, versus the anti-EBOV Remdesivir against SARS-CoV-2 RNA dependent RNA polymerase in silico. *Molecular Diversity*, **2021**, 1	3.1	12
28	A Review of Human CoronavirusesSReceptors: The Host-Cell Targets for the Crown Bearing Viruses. *Molecules*, **2021**, 26,	4.8	11
27	Novel guanosine derivatives against Zika virus polymerase in silico. *Journal of Medical Virology*, **2020**, 92, 11-16	19.7	11

26	Ebola virus glycoprotein GP1-host cell-surface HSPA5 binding site prediction. *Cell Stress and Chaperones*, **2020**, 25, 541-548	4	11
25	Theoretical Study on Modified Boceprevir Compounds as NS3 Protease Inhibitors. *Journal of Computational and Theoretical Nanoscience*, **2015**, 12, 371-375	0.3	10
24	Alkaloids and flavonoids from African phytochemicals as potential inhibitors of SARS-Cov-2 RNA-dependent RNA polymerase: an perspective. *Antiviral Chemistry and Chemotherapy*, **2020**, 28, 2040206620984076	3.5	10
23	SARS-CoV-2 spike behavior in situ: a Cryo-EM images for a better understanding of the COVID-19 pandemic. *Signal Transduction and Targeted Therapy*, **2020**, 5, 252	21	8
22	Reply to a letter to the editor. *Life Sciences*, **2020**, 252, 117715	6.8	7
21	Novel inhibitors against wild-type and mutated HCV NS3 serine protease: an in silico study. *VirusDisease*, **2019**, 30, 207-213	3.4	6
20	GRP78: A possible relationship of COVID-19 and the mucormycosis; in silico perspective. *Computers in Biology and Medicine*, **2021**, 139, 104956	7	6
19	Structure-based virtual screening suggests inhibitors of 3-Chymotrypsin-Like Protease of SARS-CoV-2 from Vernonia amygdalina and Occinum gratissimum. *Computers in Biology and Medicine*, **2021**, 136, 104671	7	6
18	COVID-19 and Cell Stress. *Advances in Experimental Medicine and Biology*, **2021**, 1318, 169-178	3.6	6
17	Recognition of gluconeogenic enzymes; Icl1, Fbp1, and Mdh2 by Gid4 ligase: A molecular docking study. *Journal of Molecular Recognition*, **2020**, 33, e2831	2.6	5
16	Chaga Medicinal Mushroom Inonotus obliquus (Agaricomycetes) Terpenoids May Interfere with SARS-CoV-2 Spike Protein Recognition of the Host Cell: A Molecular Docking Study. *International Journal of Medicinal Mushrooms*, **2021**, 23, 1-14	1.3	5
15	In silico estrogen-like activity and in vivo osteoclastogenesis inhibitory effect of Cicer arietinum extract. *Cellular and Molecular Biology*, **2018**, 64, 29	1.1	4
14	Natural products may interfere with SARS-CoV-2 attachment to the host cell		4
13	In vitro: Natural Compounds (Thymol, Carvacrol, Hesperidine, And Thymoquinone) Against Sars-Cov2 Strain Isolated From Egyptian Patients		4
12	Multidimensional in silico strategy for identification of natural polyphenols-based SARS-CoV-2 main protease (M) inhibitors to unveil a hope against COVID-19.. *Computers in Biology and Medicine*, **2022** , 145, 105452	7	4
11	Novel adenosine derivatives against SARS-CoV-2 RNA-dependent RNA polymerase: an in silico perspective. *Pharmacological Reports*, **2021**, 73, 1754-1764	3.9	3
10	Targeting SARS-CoV-2 nonstructural protein□15 endoribonuclease: an perspective. *Future Virology*, **2021**,	2.4	3
9	Potential antiviral properties of antiplatelet agents against SARS-CoV-2 infection: an in silico perspective. *Journal of Thrombosis and Thrombolysis*, **2021**, 1	5.1	3

8	In silico estrogen-like activity and in vivo osteoclastogenesis inhibitory effect of Cicer arietinum extract. *Cellular and Molecular Biology*, **2018**, 64, 29-39	1.1	3
7	Interference of Chaga mushroom terpenoids with the attachment of SARS-CoV-2; in silico perspective.. *Computers in Biology and Medicine*, **2022**, 145, 105478	7	3
6	Dual targeting of RdRps of SARS-CoV-2 and the mucormycosis-causing fungus: an perspective.. *Future Microbiology*, **2022**, 17, 755-762	2.9	3
5	Host-cell recognition through Cs-GRP78 is enhanced in the new Omicron variant of SARS-CoV-2, in silico structural point of view.. *Journal of Infection*, **2022**,	18.9	2
4	Molecular dynamics simulations and MM-GBSA reveal novel guanosine derivatives against SARS-CoV-2 RNA dependent RNA polymerase.. *RSC Advances*, **2022**, 12, 2741-2750	3.7	2
3	Recognition of the gluconeogenic enzyme, Pck1, via the Gid4 E3 ligase: An in silico perspective. *Journal of Molecular Recognition*, **2020**, 33, e2821	2.6	2
2	Image quality characteristics of myocardial perfusion SPECT imaging using state-of-the-art commercial software algorithms: evaluation of 10 reconstruction methods. *American Journal of Nuclear Medicine and Molecular Imaging*, **2020**, 10, 375-386	2.2	
1	Target-filter combination effects on breast tissue characterization using mammographic X-rays: A monte carlo simulation study. *Journal of X-Ray Science and Technology*, **2022**, 1-12	2.1	