

# Ahmed M Sayed

## List of Publications by Year in descending order

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60  
papers

1,323  
citations

304743

22  
h-index

414414

32  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1322  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extreme environments: microbiology leading to specialized metabolites. <i>Journal of Applied Microbiology</i> , 2020, 128, 630-657.	3.1	101
2	Nature as a treasure trove of potential anti-SARS-CoV drug leads: a structural/mechanistic rationale. <i>RSC Advances</i> , 2020, 10, 19790-19802.	3.6	71
3	Epigenetic Modifiers Induce Bioactive Phenolic Metabolites in the Marine-Derived Fungus <i>Penicillium brevicompactum</i> . <i>Marine Drugs</i> , 2018, 16, 253.	4.6	59
4	Microbial Natural Products as Potential Inhibitors of SARS-CoV-2 Main Protease (Mpro). <i>Microorganisms</i> , 2020, 8, 970.	3.6	57
5	Solamargine production by a fungal endophyte of <i>Solanum nigrum</i> . <i>Journal of Applied Microbiology</i> , 2016, 120, 900-911.	3.1	42
6	Bioactive Brominated Oxindole Alkaloids from the Red Sea Sponge <i>Callyspongia siphonella</i> . <i>Marine Drugs</i> , 2019, 17, 465.	4.6	39
7	Flavonoids as Potential anti-MRSA Agents through Modulation of PBP2a: A Computational and Experimental Study. <i>Antibiotics</i> , 2020, 9, 562.	3.7	38
8	<i>Saccharopolyspora</i> : an underexplored source for bioactive natural products. <i>Journal of Applied Microbiology</i> , 2020, 128, 314-329.	3.1	36
9	Olive-Derived Triterpenes Suppress SARS COV-2 Main Protease: A Promising Scaffold for Future Therapeutics. <i>Molecules</i> , 2021, 26, 2654.	3.8	36
10	New Pim-1 Kinase Inhibitor From the Co-culture of Two Sponge-Associated Actinomycetes. <i>Frontiers in Chemistry</i> , 2018, 6, 538.	3.6	35
11	Sterols and Triterpenes: Antiviral Potential Supported by In-Silico Analysis. <i>Plants</i> , 2021, 10, 41.	3.5	34
12	Discovery of Two Brominated Oxindole Alkaloids as Staphylococcal DNA Gyrase and Pyruvate Kinase Inhibitors via Inverse Virtual Screening. <i>Microorganisms</i> , 2020, 8, 293.	3.6	33
13	A metabolomic approach to target antimalarial metabolites in the <i>Artemisia annua</i> fungal endophytes. <i>Scientific Reports</i> , 2021, 11, 2770.	3.3	33
14	Sinapic Acid Suppresses SARS CoV-2 Replication by Targeting Its Envelope Protein. <i>Antibiotics</i> , 2021, 10, 420.	3.7	33
15	Repurposing of some anti-infective drugs for COVID-19 treatment: A surveillance study supported by an in silico investigation. <i>International Journal of Clinical Practice</i> , 2021, 75, e13877.	1.7	31
16	Marine Sulfated Polysaccharides as Promising Antiviral Agents: A Comprehensive Report and Modeling Study Focusing on SARS CoV-2. <i>Marine Drugs</i> , 2021, 19, 406.	4.6	31
17	Induction of Antibacterial Metabolites by Co-Cultivation of Two Red-Sea-Sponge-Associated Actinomycetes <i>Micromonospora</i> sp. UR56 and <i>Actinokinespora</i> sp. EG49. <i>Marine Drugs</i> , 2020, 18, 243.	4.6	30
18	The genus <i>Micromonospora</i> as a model microorganism for bioactive natural product discovery. <i>RSC Advances</i> , 2020, 10, 20939-20959.	3.6	29

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19	Green-synthesized zinc oxide nanoparticles, anti-Alzheimer potential and the metabolic profiling of <i>Sabal blackburniana</i> grown in Egypt supported by molecular modelling. RSC Advances, 2021, 11, 18009-18025.	3.6	29
20	<i>In silico</i> study of natural compounds from sesame against COVID-19 by targeting M <sup>pro</sup> , PL <sup>pro</sup> and RdRp. RSC Advances, 2021, 11, 22398-22408.	3.6	29
21	Side Effects and Efficacy of COVID-19 Vaccines among the Egyptian Population. Vaccines, 2022, 10, 109.	4.4	28
22	Identification of Potential SARS-CoV-2 Main Protease and Spike Protein Inhibitors from the Genus Aloe: An <i>In Silico</i> Study for Drug Development. Molecules, 2021, 26, 1767.	3.8	26
23	Potential Anticancer Lipoxygenase Inhibitors from the Red Sea-Derived Brown Algae <i>Sargassum cinereum</i> : An <i>In-Silico</i> -Supported <i>In-Vitro</i> Study. Antibiotics, 2021, 10, 416.	3.7	22
24	Secondary metabolites from fungal endophytes of <i>Solanum nigrum</i> . Natural Product Research, 2017, 31, 2568-2571.	1.8	21
25	Flavonoid-Coated Gold Nanoparticles as Efficient Antibiotics against Gram-Negative Bacteria—Evidence from <i>In Silico</i> -Supported <i>In Vitro</i> Studies. Antibiotics, 2021, 10, 968.	3.7	21
26	Efficacy of Ceftazidime and Cefepime in the Management of COVID-19 Patients: Single Center Report from Egypt. Antibiotics, 2021, 10, 1278.	3.7	20
27	Exploration of Chemical Diversity and Antitrypanosomal Activity of Some Red Sea-Derived Actinomycetes Using the OSMAC Approach Supported by LC-MS-Based Metabolomics and Molecular Modelling. Antibiotics, 2020, 9, 629.	3.7	19
28	Wound Healing Metabolites from Peters™ Elephant-Nose Fish Oil: An <i>In Vivo</i> Investigation Supported by <i>In Vitro</i> and <i>In Silico</i> Studies. Marine Drugs, 2021, 19, 605.	4.6	19
29	Neoechinulin A as a Promising SARS-CoV-2 M <sup>pro</sup> Inhibitor: <i>In Vitro</i> and <i>In Silico</i> Study Showing the Ability of Simulations in Discerning Active from Inactive Enzyme Inhibitors. Marine Drugs, 2022, 20, 163.	4.6	19
30	New Antiproliferative Cembrane Diterpenes from the Red Sea Sarcophyton Species. Marine Drugs, 2019, 17, 411.	4.6	18
31	Anti-Alzheimer chemical constituents of <i>Morus macroura</i> Miq.: chemical profiling, <i>in silico</i> and <i>in vitro</i> investigations. Food and Function, 2021, 12, 8078-8089.	4.6	18
32	Antiulcer Potential of <i>Olea europea</i> L. cv. Arbequina Leaf Extract Supported by Metabolic Profiling and Molecular Docking. Antioxidants, 2021, 10, 644.	5.1	18
33	Cytotoxic Potential, Metabolic Profiling, and Liposomes of <i>Coscinoderma</i> sp. Crude Extract Supported by <i>in silico</i> Analysis. International Journal of Nanomedicine, 2021, Volume 16, 3861-3874.	6.7	17
34	Scaffold Hopping of Î±-Rubromycin Enables Direct Access to FDA-Approved Cromoglicic Acid as a SARS-CoV-2 M <sup>pro</sup> Inhibitor. Pharmaceuticals, 2021, 14, 541.	3.8	17
35	Cnicin as an Anti-SARS-CoV-2: An Integrated <i>In Silico</i> and <i>In Vitro</i> Approach for the Rapid Identification of Potential COVID-19 Therapeutics. Antibiotics, 2021, 10, 542.	3.7	16
36	The anti-Alzheimer potential of <i>Tamarindus indica</i> : an <i>in vivo</i> investigation supported by <i>in vitro</i> and <i>in silico</i> approaches. RSC Advances, 2022, 12, 11769-11785.	3.6	16

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37	SARS-CoV-2 Post Vaccinated Adverse Effects and Efficacy in the Egyptian Population. <i>Vaccines</i> , 2022, 10, 18.	4.4	15
38	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
39	Metabolomic profiling and antioxidant potential of three fungal endophytes derived from <i>Artemisia annua</i> and <i>Medicago sativa</i> . <i>Natural Product Research</i> , 2020, , 1-5.	1.8	12
40	Wound Healing and Antioxidant Capabilities of <i>Zizyphus mauritiana</i> Fruits: In-Vitro, In-Vivo, and Molecular Modeling Study. <i>Plants</i> , 2022, 11, 1392.	3.5	12
41	Possible neuroprotective effects of amide alkaloids from <i>Bassia indica</i> and <i>Agathophora alopecuroides</i> : <i>in vitro</i> and <i>in silico</i> investigations. <i>RSC Advances</i> , 2022, 12, 18746-18758.	3.6	11
42	Anticancer Potential of Green Synthesized Silver Nanoparticles of the Soft Coral <i>Cladiella pachyclados</i> Supported by Network Pharmacology and In Silico Analyses. <i>Pharmaceutics</i> , 2021, 13, 1846.	4.5	10
43	The Chemical Profiling, Docking Study, and Antimicrobial and Antibiofilm Activities of the Endophytic fungi <i>Aspergillus</i> sp. AP5. <i>Molecules</i> , 2022, 27, 1704.	3.8	9
44	Bioactive Phytochemicals of <i>Citrus reticulata</i> Seeds—An Example of Waste Product Rich in Healthy Skin Promoting Agents. <i>Antioxidants</i> , 2022, 11, 984.	5.1	9
45	Saccharomonosporine A inspiration; synthesis of potent analogues as potential PIM kinase inhibitors. <i>RSC Advances</i> , 2020, 10, 6752-6762.	3.6	8
46	Targeting allosteric sites of human aromatase: a comprehensive <i>in-silico</i> and <i>in-vitro</i> workflow to find potential plant-based anti-breast cancer therapeutics. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2021, 36, 1333-1344.	5.2	8
47	Bioguided Isolation of Cyclophenin Analogues as Potential SARS-CoV-2 Mpro Inhibitors from <i>Penicillium citrinum</i> TDPEF34. <i>Biomolecules</i> , 2021, 11, 1366.	4.0	8
48	Metabolomic profiling, biological evaluation of <i>Aspergillus awamori</i> , the river Nile-derived fungus using epigenetic and OSMAC approaches. <i>RSC Advances</i> , 2021, 11, 6709-6719.	3.6	7
49	<i>Hyphaene thebaica</i> (doum)-derived extract alleviates hyperglycemia in diabetic rats: a comprehensive <i>in silico</i> , <i>in vitro</i> and <i>in vivo</i> study. <i>Food and Function</i> , 2021, 12, 11303-11318.	4.6	7
50	Chemical constituents from <i>Limonium tubiflorum</i> and their <i>in silico</i> evaluation as potential antiviral agents against SARS-CoV-2. <i>RSC Advances</i> , 2021, 11, 32346-32357.	3.6	7
51	An In Vitro and In Silico Study of the Enhanced Antiproliferative and Pro-Oxidant Potential of <i>Olea europaea</i> L. cv. <i>Arbosana</i> Leaf Extract via Elastic Nanovesicles (Spanlastics). <i>Antioxidants</i> , 2021, 10, 1860.	5.1	7
52	In Silico-Based Discovery of Natural Anthraquinones with Potential against Multidrug-Resistant <i>E. coli</i> . <i>Pharmaceutics</i> , 2022, 15, 86.	3.8	7
53	New glucose-6-phosphate dehydrogenase inhibitor from the Red Sea sponge <i>Echinoclathria</i> sp. <i>Tetrahedron Letters</i> , 2021, 72, 152986.	1.4	6
54	Identifying the specific-targeted marine cerebroside against SARS-CoV-2: an integrated computational approach. <i>RSC Advances</i> , 2021, 11, 36042-36059.	3.6	6

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55	Phytochemical and in silico studies for potential constituents from <i>Centaurium spicatum</i> as candidates against the SARS-CoV-2 main protease and RNA-dependent RNA polymerase. <i>Natural Product Research</i> , 2022, 36, 5724-5731.	1.8	6
56	Bioactives and functional food ingredients with promising potential for the management of cerebral and myocardial ischemia: a comprehensive mechanistic review. <i>Food and Function</i> , 2022, 13, 6859-6874.	4.6	4
57	Cytotoxic potential of three <i>Sabal</i> species grown in Egypt: a metabolomic and docking-based study. <i>Natural Product Research</i> , 2022, 36, 1109-1114.	1.8	3
58	Potential of ( <i>Citrus nobilis</i> Lour. – <i>Citrus deliciosa</i> Tenora) metabolites on COVID-19 virus main protease supported by in silico analysis. <i>Natural Product Research</i> , 2022, 36, 2843-2847.	1.8	3
59	LC/MS Profiling and Gold Nanoparticle Formulation of Major Metabolites from <i>Origanum majorana</i> as Antibacterial and Antioxidant Potentialities. <i>Plants</i> , 2022, 11, 1871.	3.5	3
60	Anti-androgenic potential of the fruit extracts of certain Egyptian <i>Sabal</i> species and their genetic variability studies: a metabolomic-molecular modeling approach. <i>Food and Function</i> , 0, , .	4.6	1