

# Hani A Alhadrami

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

1,494  
citations

448610

19  
h-index

388640

36  
g-index

57  
all docs

57  
docs citations

57  
times ranked

2541  
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards clinical translation of "second-generation" regenerative stroke therapies: hydrogels as game changers?. Trends in Biotechnology, 2022, 40, 708-720.	4.9	11
2	In Silico-Based Discovery of Natural Anthraquinones with Potential against Multidrug-Resistant E. coli. Pharmaceuticals, 2022, 15, 86.	1.7	7
3	Neoechinulin A as a Promising SARS-CoV-2 Mpro Inhibitor: In Vitro and In Silico Study Showing the Ability of Simulations in Discerning Active from Inactive Enzyme Inhibitors. Marine Drugs, 2022, 20, 163.	2.2	19
4	Machine Learning with Quantum Seagull Optimization Model for COVID-19 Chest X-Ray Image Classification. Journal of Healthcare Engineering, 2022, 2022, 1-13.	1.1	10
5	Deep Ensemble Model for COVID-19 Diagnosis and Classification Using Chest CT Images. Biology, 2022, 11, 43.	1.3	15
6	A Portable Nanoprobe for Rapid and Sensitive Detection of SARS-CoV-2 S1 Protein. Biosensors, 2022, 12, 232.	2.3	7
7	Clinical and Serological Findings of COVID-19 Participants in the Region of Makkah, Saudi Arabia. Diagnostics, 2022, 12, 1725.	1.3	0
8	The innate immune response of self-assembling silk fibroin hydrogels. Biomaterials Science, 2021, 9, 7194-7204.	2.6	12
9	Metabolomic profiling, biological evaluation of <i>Aspergillus awamori</i> , the river Nile-derived fungus using epigenetic and OSMAC approaches. RSC Advances, 2021, 11, 6709-6719.	1.7	7
10	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. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 1333-1344.	2.5	8
11	A metabolomic approach to target antimalarial metabolites in the <i>Artemisia annua</i> fungal endophytes. Scientific Reports, 2021, 11, 2770.	1.6	33
12	Bio-Guided Isolation of Antimalarial Metabolites from the Coculture of Two Red Sea Sponge-Derived <i>Actinokineospora</i> and <i>Rhodococcus</i> spp.. Marine Drugs, 2021, 19, 109.	2.2	15
13	Titanium Oxide (TiO <sub>2</sub> ) Nanoparticles for Treatment of Wound Infection. Journal of Pure and Applied Microbiology, 2021, 15, 437-451.	0.3	8
14	Peptide substrate screening for the diagnosis of SARS-CoV-2 using fluorescence resonance energy transfer (FRET) assay. Mikrochimica Acta, 2021, 188, 137.	2.5	20
15	Gut Extracts of <i>Rhynchophorus ferrugineus</i> Larvae Olivier Affecting Bacterial Dental Caries. Journal of Pure and Applied Microbiology, 2021, 15, 613-620.	0.3	1
16	Cnicin as an Anti-SARS-CoV-2: An Integrated In Silico and In Vitro Approach for the Rapid Identification of Potential COVID-19 Therapeutics. Antibiotics, 2021, 10, 542.	1.5	16
17	Techniques for the Detection of Sickle Cell Disease: A Review. Micromachines, 2021, 12, 519.	1.4	47
18	Olive-Derived Triterpenes Suppress SARS COV-2 Main Protease: A Promising Scaffold for Future Therapeutics. Molecules, 2021, 26, 2654.	1.7	36

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19	Voltammetric-based immunosensor for the detection of SARS-CoV-2 nucleocapsid antigen. <i>Mikrochimica Acta</i> , 2021, 188, 199.	2.5	59
20	Scaffold Hopping of Î±-Rubromycin Enables Direct Access to FDA-Approved Cromoglicic Acid as a SARS-CoV-2 MPro Inhibitor. <i>Pharmaceuticals</i> , 2021, 14, 541.	1.7	17
21	Flavonoid-Coated Gold Nanoparticles as Efficient Antibiotics against Gram-Negative Bacteria—Evidence from In Silico-Supported In Vitro Studies. <i>Antibiotics</i> , 2021, 10, 968.	1.5	21
22	Cardiovascular system and coronavirus disease-2019 (COVID-19): mutual injuries and unexpected outcomes. <i>Egyptian Heart Journal</i> , 2021, 73, 77.	0.4	4
23	Bioguided Isolation of Cyclophenin Analogues as Potential SARS-CoV-2 Mpro Inhibitors from <i>Penicillium citrinum</i> TDPEF34. <i>Biomolecules</i> , 2021, 11, 1366.	1.8	8
24	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.	2.0	10
25	Extreme environments: microbiology leading to specialized metabolites. <i>Journal of Applied Microbiology</i> , 2020, 128, 630-657.	1.4	101
26	Anti-Inflammatory and Antioxidant Activities of Terpene- and Polyphenol-Rich <i>Premna odorata</i> Leaves on Alcohol-Inflamed Female Wistar Albino Rat Liver. <i>Molecules</i> , 2020, 25, 3116.	1.7	15
27	Flavonoids as Potential anti-MRSA Agents through Modulation of PBP2a: A Computational and Experimental Study. <i>Antibiotics</i> , 2020, 9, 562.	1.5	38
28	Liquid Crystalline Nanoparticles for Nasal Delivery of Rosuvastatin: Implications on Therapeutic Efficacy in Management of Epilepsy. <i>Pharmaceutics</i> , 2020, 13, 356.	1.7	11
29	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.	2.2	30
30	Microbial Natural Products as Potential Inhibitors of SARS-CoV-2 Main Protease (Mpro). <i>Microorganisms</i> , 2020, 8, 970.	1.6	57
31	Testicular Caspase-3 and Î²-Catenin Regulators Predicted via Comparative Metabolomics and Docking Studies. <i>Metabolites</i> , 2020, 10, 31.	1.3	14
32	Discovery of Two Brominated Oxindole Alkaloids as Staphylococcal DNA Gyrase and Pyruvate Kinase Inhibitors via Inverse Virtual Screening. <i>Microorganisms</i> , 2020, 8, 293.	1.6	33
33	Induction of Cryptic Antifungal Pulicatin Derivatives from <i>Pantoea</i> Agglomerans by Microbial Co-Culture. <i>Biomolecules</i> , 2020, 10, 268.	1.8	20
34	Bioassay-Guided Isolation, Metabolic Profiling, and Docking Studies of Hyaluronidase Inhibitors from <i>Ravenala madagascariensis</i> . <i>Molecules</i> , 2020, 25, 1714.	1.7	12
35	Development of a Simple, Fast, and Cost-Effective Nanobased Immunoassay Method for Detecting Norovirus in Food Samples. <i>ACS Omega</i> , 2020, 5, 12162-12165.	1.6	8
36	Automated SARS-COV-2 RNA extraction from patient nasopharyngeal samples using a modified DNA extraction kit for high throughput testing. <i>Annals of Saudi Medicine</i> , 2020, 40, 373-381.	0.5	11

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37	Structure and Rheological Properties of Bovine Aortic Heart Valve and Pericardium Tissue: Implications in Bioprosthetic and Tissue-Engineered Heart Valves. <i>Journal of Healthcare Engineering</i> , 2019, 2019, 1-9.	1.1	1
38	Biosensors: Classifications, medical applications, and future prospective. <i>Biotechnology and Applied Biochemistry</i> , 2018, 65, 497-508.	1.4	99
39	Ameliorative effect of camel's milk and Nigella Sativa Oil against thioacetamide-induced hepatorenal damage in rats. <i>Pharmacognosy Magazine</i> , 2018, 14, 27.	0.3	13
40	High affinity truncated DNA aptamers for the development of fluorescence based progesterone biosensors. <i>Analytical Biochemistry</i> , 2017, 525, 78-84.	1.1	72
41	Initial investigations of a combined photo-assisted water cleaner and thermal collector. <i>Renewable Energy</i> , 2017, 113, 235-247.	4.3	1
42	In Vitro Evaluation of Antimicrobial Activity of Alimentary Canal Extracts from the Red Palm Weevil, <i>Rhynchophorus ferrugineus</i> Olivier Larvae. <i>BioMed Research International</i> , 2017, 2017, 1-6.	0.9	8
43	Antibacterial Applications of Anatase TiO <sub>2</sub> Nanoparticle. <i>American Journal of Nanomaterials</i> , 2017, 5, 31-42.	1.2	11
44	Clinical significance of frequent somatic mutations detected by high-throughput targeted sequencing in archived colorectal cancer samples. <i>Journal of Translational Medicine</i> , 2016, 14, 118.	1.8	33
45	Aptamer-Based Microfluidic Electrochemical Biosensor for Monitoring Cell-Secreted Trace Cardiac Biomarkers. <i>Analytical Chemistry</i> , 2016, 88, 10019-10027.	3.2	181
46	Hazard and risk assessment of human exposure to toxic metals using in vitro digestion assay. <i>Chemical Speciation and Bioavailability</i> , 2016, 28, 78-87.	2.0	7
47	Hydrogels 2.0: improved properties with nanomaterial composites for biomedical applications. <i>Biomedical Materials (Bristol)</i> , 2016, 11, 014104.	1.7	82
48	Experimental studies and computer modeling of viscoelastic properties of heart valve leaflets: Implication in heart valve tissue engineering. , 2015, , .		1
49	Quantification of total phenol, flavonoid content and pharmacognostical evaluation including HPTLC fingerprinting for the standardization of Piper nigrum Linn fruits. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2015, 5, 101-107.	0.5	29
50	Aptamer-Based Label-Free Impedimetric Biosensor for Detection of Progesterone. <i>Analytical Chemistry</i> , 2015, 87, 1075-1082.	3.2	140
51	The potential applications of SOS-luxbiosensors for rapid screening of mutagenic chemicals. <i>FEMS Microbiology Letters</i> , 2013, 344, 69-76.	0.7	13
52	Application of Microbial Bioreporters in Environmental Microbiology and Bioremediation. , 2009, 118, 189-209.		13
53	Assessing the Potential of Flow Bioreactors to Minimise Environmental Impacts of Landfill Leachate. <i>Biotechnology</i> , 2008, 7, 448-455.	0.5	0
54	The Effect of COVID-19 Infection on Human Blood Ghrelin Hormone: A Pilot Study. <i>Journal of Pharmaceutical Research International</i> , 0, , 33-38.	1.0	1