

Khalid J Alzahrani

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

1,110
citations

623188

14
h-index

500791

28
g-index

73
all docs

73
docs citations

73
times ranked

971
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-COVID and Post-COVID Health Complications: An Up-to-Date Review on Clinical Conditions and Their Possible Molecular Mechanisms. <i>Viruses</i> , 2021, 13, 700.	1.5	249
2	Efficacy, Immunogenicity and Safety of COVID-19 Vaccines: A Systematic Review and Meta-Analysis. <i>Frontiers in Immunology</i> , 2021, 12, 714170.	2.2	145
3	The potential role of neopterin in Covid-19: a new perspective. <i>Molecular and Cellular Biochemistry</i> , 2021, 476, 4161-4166.	1.4	53
4	Nicosamide for Covid-19: bridging the gap. <i>Molecular Biology Reports</i> , 2021, 48, 8195-8202.	1.0	47
5	Functional analysis of drug resistance-associated mutations in the <i>Trypanosoma brucei</i> adenosine transporter 1 (<i>TbAT1</i>) and the proposal of a structural model for the protein. <i>Molecular Microbiology</i> , 2015, 96, 887-900.	1.2	41
6	Using Green Biosynthesized Lycopene-Coated Selenium Nanoparticles to Rescue Renal Damage in Glycerol-Induced Acute Kidney Injury in Rats. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 4335-4349.	3.3	41
7	Epidemiology of Trypanosomiasis in Wildlife—Implications for Humans at the Wildlife Interface in Africa. <i>Frontiers in Veterinary Science</i> , 2021, 8, 621699.	0.9	36
8	Functional and genetic evidence that nucleoside transport is highly conserved in <i>Leishmania</i> species: Implications for pyrimidine-based chemotherapy. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2017, 7, 206-226.	1.4	32
9	Current approaches in CRISPR-Cas9 mediated gene editing for biomedical and therapeutic applications. <i>Journal of Controlled Release</i> , 2022, 343, 703-723.	4.8	25
10	A Descriptive-Multivariate Analysis of Community Knowledge, Confidence, and Trust in COVID-19 Clinical Trials among Healthcare Workers in Uganda. <i>Vaccines</i> , 2021, 9, 253.	2.1	21
11	Structure-Activity Relationship Exploration of 3-Deoxy-7-deazapurine Nucleoside Analogues as Anti- <i>Trypanosoma brucei</i> Agents. <i>ACS Infectious Diseases</i> , 2020, 6, 2045-2056.	1.8	20
12	Predicting COVID-19 Comorbidity Pathway Crosstalk-Based Targets and Drugs: Towards Personalized COVID-19 Management. <i>Biomedicines</i> , 2021, 9, 556.	1.4	20
13	Formulation Development, Characterization and Antifungal Evaluation of Chitosan NPs for Topical Delivery of Voriconazole In Vitro and Ex Vivo. <i>Polymers</i> , 2022, 14, 135.	2.0	20
14	Polysaccharide-Drug Conjugates: A Tool for Enhanced Cancer Therapy. <i>Polymers</i> , 2022, 14, 950.	2.0	19
15	9-(2-Deoxy-2-Fluoro- β -Arabinofuranosyl) Adenine Is a Potent Antitrypanosomal Adenosine Analogue That Circumvents Transport-Related Drug Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	16
16	<i>Trypanosoma brucei</i> bloodstream forms express highly specific and separate transporters for adenine and hypoxanthine; evidence for a new protozoan purine transporter family?. <i>Molecular and Biochemical Parasitology</i> , 2018, 220, 46-56.	0.5	16
17	The Spike of SARS-CoV-2: Uniqueness and Applications. <i>Frontiers in Immunology</i> , 2021, 12, 663912.	2.2	14
18	Deep Transfer Learning based Fusion Model for Environmental Remote Sensing Image Classification Model. <i>European Journal of Remote Sensing</i> , 2022, 55, 12-23.	1.7	14

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19	Evaluation of the antiprotozoan properties of 5- ² -norcarbocyclic pyrimidine nucleosides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 3081-3086.	1.0	13
20	Enhanced production of violacein by <i>Chromobacterium violaceum</i> using agro-industrial waste soybean meal. <i>Journal of Applied Microbiology</i> , 2022, 132, 1121-1133.	1.4	13
21	Investigation of 5 TM -Norcarbocyclic Nucleoside Analogues as Antiprotozoal and Antibacterial Agents. <i>Molecules</i> , 2019, 24, 3433.	1.7	12
22	Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA) Infection of Diabetic Foot Ulcers at a Tertiary Care Hospital in Accra, Ghana. <i>Pathogens</i> , 2021, 10, 937.	1.2	12
23	The positive impact of social media on health behavior towards the COVID-19 pandemic in Bangladesh: A web-based cross-sectional study. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2021, 15, 102206.	1.8	12
24	Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) nasal carriage among patients with diabetes at the Korle Bu Teaching Hospital. <i>PLoS ONE</i> , 2021, 16, e0257004.	1.1	12
25	N-Acetylcysteine Alleviated the Deltamethrin-Induced Oxidative Cascade and Apoptosis in Liver and Kidney Tissues. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 638.	1.2	12
26	Pan-Resistome Insights into the Multidrug Resistance of <i>Acinetobacter baumannii</i> . <i>Antibiotics</i> , 2021, 10, 596.	1.5	11
27	Protective measures are associated with the reduction of transmission of COVID-19 in Bangladesh: A nationwide cross-sectional study. <i>PLoS ONE</i> , 2021, 16, e0260287.	1.1	11
28	Efficacy of vitamin E in protection against methotrexate induced placental injury in albino rats. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111637.	2.5	10
29	Potential Molecular Mechanisms of Rare Anti-Tumor Immune Response by SARS-CoV-2 in Isolated Cases of Lymphomas. <i>Viruses</i> , 2021, 13, 1927.	1.5	10
30	Synthesis and Characterizations of PdNi Carbon Supported Nanomaterials: Studies of Electrocatalytic Activity for Oxygen Reduction in Alkaline Medium. <i>Molecules</i> , 2021, 26, 3440.	1.7	9
31	Protocatechuic acid attenuates lipopolysaccharide-induced septic lung injury in mice: The possible role through suppressing oxidative stress, inflammation and apoptosis. <i>Journal of Food Biochemistry</i> , 2021, 45, e13915.	1.2	9
32	Evaluating the Usability of mHealth Applications on Type 2 Diabetes Mellitus Using Various MCDM Methods. <i>Healthcare (Switzerland)</i> , 2022, 10, 4.	1.0	9
33	Control of Virulent <i>Listeria monocytogenes</i> Originating from Dairy Products and Cattle Environment Using Marine Algal Extracts, Silver Nanoparticles Thereof, and Quaternary Disinfectants. <i>Infection and Drug Resistance</i> , 2021, Volume 14, 2721-2739.	1.1	8
34	Assessing the therapeutic potential of agomelatine, ramelteon, and melatonin against SARS-CoV-2. <i>Saudi Journal of Biological Sciences</i> , 2022, 29, 3140-3150.	1.8	8
35	Biological and Clinical Implications of TNF- α Promoter and CYP1B1 Gene Variations in Coronary Artery Disease Susceptibility. <i>Cardiovascular & Hematological Disorders Drug Targets</i> , 2021, 21, 266-277.	0.2	8
36	Prevalence of mupirocin and chlorhexidine resistance among methicillin-resistant coagulase-negative staphylococci isolated during methicillin-resistant <i>Staphylococcus aureus</i> decolonization strategies. <i>American Journal of Infection Control</i> , 2019, 47, 1319-1323.	1.1	7

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37	Prevalence of anemia among Saudi patients with solid cancers at diagnosis in King Faisal Hospital, Taif Province, Kingdom of Saudi Arabia. <i>PLoS ONE</i> , 2021, 16, e0246202.	1.1	7
38	CRISPR-assisted strategies for futuristic phytoremediation. , 2022, , 203-220.		7
39	Advances in microfluidics devices and its applications in personalized medicines. <i>Progress in Molecular Biology and Translational Science</i> , 2022, 186, 191-201.	0.9	7
40	Impact of Red Complex Bacteria and TNF- α Levels on the Diabetic and Renal Status of Chronic Kidney Disease Patients in the Presence and Absence of Periodontitis. <i>Biology</i> , 2022, 11, 451.	1.3	7
41	Dose-Dependent Effect of Cordycepin on Viability, Proliferation, Cell Cycle, and Migration in Dental Pulp Stem Cells. <i>Journal of Personalized Medicine</i> , 2021, 11, 718.	1.1	5
42	Detection of Nail Oncometabolite SAICAR in Oral Cancer Patients and Its Molecular Interactions with PKM2 Enzyme. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11225.	1.2	4
43	An immunoinformatics-based designed multi-epitope candidate vaccine (mpme-VAC/STV-1) against <i>Mycoplasma pneumoniae</i> . <i>Computers in Biology and Medicine</i> , 2022, 142, 105194.	3.9	4
44	Bugs as drugs: neglected but a promising future therapeutic strategy in cancer. <i>Future Oncology</i> , 2022, 18, 1609-1626.	1.1	4
45	COVID-19 treatments and associated adverse reactions: The need for effective strategies to strengthen pharmacovigilance system in Lower- and middle-income countries. <i>Pharmacie Hospitalier Et Clinicien</i> , 2021, , .	0.3	3
46	Evaluation of NFC-Guidable System to Manage Polypharmacy in Elderly Patients. <i>Computer Systems Science and Engineering</i> , 2022, 41, 445-460.	1.9	3
47	Biovalorization of agro-industrial waste soybean meal for the production of prodigiosin by <i>Serratia marcescens</i> . <i>Biomass Conversion and Biorefinery</i> , 0, , 1.	2.9	3
48	Use of Collagen Membrane in the Treatment of Periodontal Defects Distal to Mandibular Second Molars Following Surgical Removal of Impacted Mandibular Third Molars: A Comparative Clinical Study. <i>Biology</i> , 2021, 10, 1348.	1.3	3
49	An introduction to advanced technologies in synthetic biology. , 2022, , 1-9.		3
50	Microfluidics device for drug discovery, screening and delivery. <i>Progress in Molecular Biology and Translational Science</i> , 2022, 187, 335-346.	0.9	3
51	Plant-Derived Antiviral Compounds as Potential Entry Inhibitors against Spike Protein of SARS-CoV-2 Wild-Type and Delta Variant: An Integrative <i>In Silico</i> Approach. <i>Molecules</i> , 2022, 27, 1773.	1.7	3
52	<i>In Silico</i> Designed Multi-Epitope Immunogen "mpme-VAC/LGCM-2022" May Induce Both Cellular and Humoral Immunity against <i>Treponema pallidum</i> Infection. <i>Vaccines</i> , 2022, 10, 1019.	2.1	3
53	Prevalence of vitamin D deficiency in early-diagnosed cancer patients: A cross-sectional study. <i>Annals of Cancer Research and Therapy</i> , 2020, 28, 54-59.	0.1	2
54	Aggregation induced emission molecules for detection of nucleic acids. <i>Progress in Molecular Biology and Translational Science</i> , 2021, 184, 219-227.	0.9	2

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55	Microfluidics based point-of-care for disease diagnostics. Progress in Molecular Biology and Translational Science, 2022, 187, 241-248.	0.9	2
56	Clinical Correlations of Lipid Profiles with the Age and Gender in the Coronary Artery Disease Patients: A Study of 3878 CAD Patients from India. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2022, 22, 440-452.	0.6	2
57	Gene and protein interaction network analysis in the epithelial-mesenchymal transition of Hertwig's Epithelial Root Sheath reveals periodontal regenerative drug targets " An in silico study. Saudi Journal of Biological Sciences, 2022, 29, 3822-3829.	1.8	2
58	Evaluation of Candidiasis in Upper-Aerodigestive Squamous Cell Carcinoma Patients" A Clinico-Mycological Aspect. International Journal of Environmental Research and Public Health, 2022, 19, 8510.	1.2	2
59	Microfluidics for single cell analysis. Progress in Molecular Biology and Translational Science, 2022, 186, 203-215.	0.9	1
60	Design and fabrication of microfluidics devices for molecular biology applications. Progress in Molecular Biology and Translational Science, 2022, 187, 1-8.	0.9	1
61	Recent development and applications of xeno nucleic acids. , 2022, , 415-422.		1
62	Isolated Systolic Blood Pressure and Red-Complex Bacteria" A Risk for Generalized Periodontitis and Chronic Kidney Disease. Microorganisms, 2022, 10, 50.	1.6	1
63	Synthesis, crystal structure, hirshfeld surface analysis, molecular docking and molecular dynamics studies of novel olanzapinium 2,5-dihydroxybenzoate as potential and active antipsychotic compound. Journal of Experimental Nanoscience, 2022, 17, 247-273.	1.3	1
64	Control of the COVID-19 pandemic is derailing the fight against typhoid, dengue, and measles in Pakistan. Journal of Global Health, 0, 12, .	1.2	1
65	The prevalence of MERS"CoV among military personnel and their families: A single"center study. Journal of Medical Virology, 2021, 93, 2815-2819.	2.5	0
66	<i>Salmonella</i> Typhi from Northwest Pakistan: Molecular Strain Typing and Drug Resistance Signature. Microbial Drug Resistance, 2022, 28, 120-126.	0.9	0
67	Microbiome Studies from Saudi Arabia over the Last 10 Years: Achievements, Gaps, and Future Directions. Microorganisms, 2021, 9, 2021.	1.6	0
68	Acute Occlusive Mesenteric Ischemia in Taif Province, Saudi Arabia. The Egyptian Journal of Hospital Medicine, 2012, 47, 158-165.	0.0	0
69	Prevalence of community-acquired methicillin-resistant Staphylococcus aureus in Taif social correctional center, Saudi Arabia. Journal of Infection in Developing Countries, 2021, 15, 1861-1867.	0.5	0
70	Age, sex, and comorbidities related trajectories of deceased COVID-19 patients in Balochistan, Pakistan.. European Review for Medical and Pharmacological Sciences, 2022, 26, 740-742.	0.5	0
71	Role of Toothbrushes as Gene Expression Profiling Tool for Oral Cancer Screening in Tobacco and Alcohol Users. International Journal of Environmental Research and Public Health, 2022, 19, 8052.	1.2	0