

Khalid J Alzahrani

List of Publications by Citations

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54
papers

311
citations

10
h-index

15
g-index

73
ext. papers

707
ext. citations

4.4
avg, IF

3.92
L-index

#	Paper	IF	Citations
54	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,	6.2	56
53	Functional analysis of drug resistance-associated mutations in the <i>Trypanosoma brucei</i> adenosine transporter 1 (TbAT1) and the proposal of a structural model for the protein. <i>Molecular Microbiology</i> , 2015 , 96, 887-900	4.1	34
52	Efficacy, Immunogenicity and Safety of COVID-19 Vaccines: A Systematic Review and Meta-Analysis. <i>Frontiers in Immunology</i> , 2021 , 12, 714170	8.4	23
51	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	4	18
50	The potential role of neopterin in Covid-19: a new perspective. <i>Molecular and Cellular Biochemistry</i> , 2021 , 476, 4161-4166	4.2	17
49	Structure-Activity Relationship Exploration of 3SDeoxy-7-deazapurine Nucleoside Analogues as Anti- Agents. <i>ACS Infectious Diseases</i> , 2020 , 6, 2045-2056	5.5	15
48	Nicosamide for Covid-19: bridging the gap. <i>Molecular Biology Reports</i> , 2021 , 48, 8195-8202	2.8	13
47	Evaluation of the antiprotozoan properties of 5Snorcarbocyclic pyrimidine nucleosides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017 , 27, 3081-3086	2.9	11
46	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 , 16, 4335-4349	7.3	10
45	Epidemiology of Trypanosomiasis in Wildlife-Implications for Humans at the Wildlife Interface in Africa. <i>Frontiers in Veterinary Science</i> , 2021 , 8, 621699	3.1	10
44	Investigation of 5Snorcarbocyclic Nucleoside Analogues as Antiprotozoal and Antibacterial Agents. <i>Molecules</i> , 2019 , 24,	4.8	9
43	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,	5.3	9
42	Predicting COVID-19-Comorbidity Pathway Crosstalk-Based Targets and Drugs: Towards Personalized COVID-19 Management. <i>Biomedicines</i> , 2021 , 9,	4.8	7
41	9-(2SDeoxy-2SFluoro-β-Arabinofuranosyl) Adenine Is a Potent Antitrypanosomal Adenosine Analogue That Circumvents Transport-Related Drug Resistance. <i>Antimicrobial Agents and Chemotherapy</i> , 2017 , 61,	5.9	5
40	Current approaches in CRISPR-Cas9 mediated gene editing for biomedical and therapeutic applications.. <i>Journal of Controlled Release</i> , 2022 ,	11.7	5
39	Deep Transfer Learning based Fusion Model for Environmental Remote Sensing Image Classification Model. <i>European Journal of Remote Sensing</i> , 1-12	2.9	5
38	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	3.8	4

37	Trypanosoma brucei 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	1.9	4
36	Formulation Development, Characterization and Antifungal Evaluation of Chitosan NPs for Topical Delivery of Voriconazole In Vitro and Ex Vivo.. <i>Polymers</i> , 2021 , 14,	4.5	4
35	Efficacy of vitamin E in protection against methotrexate induced placental injury in albino rats. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 139, 111637	7.5	4
34	Methicillin-resistant Staphylococcus aureus (MRSA) nasal carriage among patients with diabetes at the Korle Bu Teaching Hospital. <i>PLoS ONE</i> , 2021 , 16, e0257004	3.7	4
33	Evaluating the Usability of mHealth Applications on Type 2 Diabetes Mellitus Using Various MCDM Methods.. <i>Healthcare (Switzerland)</i> , 2021 , 10,	3.4	4
32	Synthesis and Characterizations of PdNi Carbon Supported Nanomaterials: Studies of Electrocatalytic Activity for Oxygen Reduction in Alkaline Medium. <i>Molecules</i> , 2021 , 26,	4.8	3
31	Methicillin-Resistant (MRSA) Infection of Diabetic Foot Ulcers at a Tertiary Care Hospital in Accra, Ghana. <i>Pathogens</i> , 2021 , 10,	4.5	3
30	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	8.9	3
29	Enhanced production of violacein by Chromobacterium violaceum using agro-industrial waste soybean meal. <i>Journal of Applied Microbiology</i> , 2021 ,	4.7	3
28	-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,	4.6	2
27	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	0.2	2
26	Pan-Resistome Insights into the Multidrug Resistance of. <i>Antibiotics</i> , 2021 , 10,	4.9	2
25	The Spike of SARS-CoV-2: Uniqueness and Applications. <i>Frontiers in Immunology</i> , 2021 , 12, 663912	8.4	2
24	Control of Virulent Originating from Dairy Products and Cattle Environment Using Marine Algal Extracts, Silver Nanoparticles Thereof, and Quaternary Disinfectants. <i>Infection and Drug Resistance</i> , 2021 , 14, 2721-2739	4.2	2
23	Isolated Systolic Blood Pressure and Red-Complex Bacteria-A Risk for Generalized Periodontitis and Chronic Kidney Disease.. <i>Microorganisms</i> , 2021 , 10,	4.9	1
22	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	3.7	1
21	An immunoinformatics-based designed multi-epitope candidate vaccine (mpme-VAC/STV-1) against Mycoplasma pneumoniae.. <i>Computers in Biology and Medicine</i> , 2021 , 142, 105194	7	1
20	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,	4.6	1

19	COVID-19 treatments and associated adverse reactions: The need for effective strategies to strengthen pharmacovigilance system in Lower- and middle-income countries. <i>Pharmacies Hospitalier Et Clinicien</i> , 2021 ,	0.2	1
18	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	3.7	1
17	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	3.3	1
16	Potential Molecular Mechanisms of Rare Anti-Tumor Immune Response by SARS-CoV-2 in Isolated Cases of Lymphomas. <i>Viruses</i> , 2021 , 13,	6.2	1
15	Synthesis, crystal structure, hirshfeld surface analysis, molecular docking and molecular dynamics studies of novel olanzapinium 2,5-dihydroxybenzoate as potential and active antipsychotic compound. <i>Journal of Experimental Nanoscience</i> , 2022 , 17, 247-273	1.9	1
14	Microfluidics for single cell analysis.. <i>Progress in Molecular Biology and Translational Science</i> , 2022 , 186, 203-215	4	0
13	Design and fabrication of microfluidics devices for molecular biology applications.. <i>Progress in Molecular Biology and Translational Science</i> , 2022 , 187, 1-8	4	0
12	Recent development and applications of xeno nucleic acids 2022 , 415-422		0
11	Microfluidics based point-of-care for disease diagnostics.. <i>Progress in Molecular Biology and Translational Science</i> , 2022 , 187, 241-248	4	0
10	Microfluidics device for drug discovery, screening and delivery.. <i>Progress in Molecular Biology and Translational Science</i> , 2022 , 187, 335-346	4	0
9	Advances in microfluidics devices and its applications in personalized medicines.. <i>Progress in Molecular Biology and Translational Science</i> , 2022 , 186, 191-201	4	0
8	Biovalorization of agro-industrial waste soybean meal for the production of prodigiosin by <i>Serratia marcescens</i> . <i>Biomass Conversion and Biorefinery</i> , 1	2.3	0
7	CRISPR-assisted strategies for futuristic phytoremediation 2022 , 203-220		0
6	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. <i>Saudi Journal of Biological Sciences</i> , 2022 , 29, 3822-3829	4	0
5	An introduction to advanced technologies in synthetic biology 2022 , 1-9		
4	Aggregation induced emission molecules for detection of nucleic acids. <i>Progress in Molecular Biology and Translational Science</i> , 2021 , 184, 219-227	4	
3	The prevalence of MERS-CoV among military personnel and their families: A single-center study. <i>Journal of Medical Virology</i> , 2021 , 93, 2815-2819	19.7	
2	Prevalence of community-acquired methicillin-resistant <i>Staphylococcus aureus</i> in Taif social correctional center, Saudi Arabia.. <i>Journal of Infection in Developing Countries</i> , 2021 , 15, 1861-1867	2.3	

- 1 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 2.9