

Mohammed S Alqahtani

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/4802547/mohammed-s-alqahtani-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

47
papers

583
citations

12
h-index

23
g-index

52
ext. papers

928
ext. citations

4.1
avg, IF

4.56
L-index

#	Paper	IF	Citations
47	Iron Oxide Nanoparticles: Preparation, Characterization, and Assessment of Antimicrobial and Anticancer Activity. <i>Adsorption Science and Technology</i> , 2022 , 2022, 1-9	3.6	1
46	Nanostructured Antibiotics and Their Emerging Medicinal Applications: An Overview of Nanoantibiotics. <i>Antibiotics</i> , 2022 , 11, 708	4.9	3
45	Identifying novel inhibitor of quorum sensing transcriptional regulator (SdiA) of through modelling, docking and molecular dynamics simulation. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021 , 39, 3594-3604	3.6	4
44	Molecular and docking studies of tetramethoxy hydroxyflavone compound from Artemisia absinthium against carcinogens found in cigarette smoke. <i>Open Chemistry</i> , 2021 , 19, 1148-1154	1.6	0
43	Nanocomposite synthesis of silver doped magnesium oxide incorporated in PVC matrix for photocatalytic applications. <i>Journal of Polymer Research</i> , 2021 , 28, 1	2.7	1
42	Aminoglycosides as potential inhibitors of SARS-CoV-2 main protease: an in silico drug repurposing study on FDA-approved antiviral and anti-infection agents. <i>Journal of Infection and Public Health</i> , 2021 , 14, 611-619	7.4	9
41	SARS-CoV-2: Insight in genome structure, pathogenesis and viral receptor binding analysis - An updated review. <i>International Immunopharmacology</i> , 2021 , 95, 107493	5.8	12
40	Spectroscopic and cloud point studies of the interaction and thermodynamics of ciprofloxacin hydrochloride+surfactants mixture in different solvents: Effect of temperature and composition. <i>Korean Journal of Chemical Engineering</i> , 2021 , 38, 1487-1498	2.8	3
39	Screening of natural compounds for identification of novel inhibitors against β -lactamase CTX-M-152 reported among <i>Kluyvera georgiana</i> isolates: An in vitro and in silico study. <i>Microbial Pathogenesis</i> , 2021 , 150, 104688	3.8	4
38	MnO nanoparticles: Synthesis, characterization and their antimicrobial and anticancer activity against A549 and MCF-7 cell lines. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 1196-1202	4	3
37	β -cyclodextrin chitosan-based hydrogels with tunable pH-responsive properties for controlled release of acyclovir: design, characterization, safety, and pharmacokinetic evaluation. <i>Drug Delivery</i> , 2021 , 28, 1093-1108	7	2
36	Advances in Oral Drug Delivery. <i>Frontiers in Pharmacology</i> , 2021 , 12, 618411	5.6	69
35	Formulation and Evaluation of Mucilage-Based Nanoparticles for Effective Delivery of Ezetimibe. <i>International Journal of Nanomedicine</i> , 2021 , 16, 4579-4596	7.3	2
34	Preparation, characterization, and in vitro-in silico biological activities of <i>Jatropha pelargonifolia</i> extract loaded chitosan nanoparticles. <i>International Journal of Pharmaceutics</i> , 2021 , 606, 120867	6.5	4
33	Smoking and P53 polymorphism association with chromosomal aberration in lung cancer. <i>Journal of King Saud University - Science</i> , 2021 , 33, 101533	3.6	2
32	N-hydroxybenzothioamide derivatives as green and efficient corrosion inhibitors for mild steel: Experimental, DFT and MC simulation approach. <i>Journal of Molecular Structure</i> , 2021 , 1241, 130648	3.4	16
31	Size-Dependent Phagocytic Uptake and Immunogenicity of Gliadin Nanoparticles. <i>Polymers</i> , 2020 , 12,	4.5	4

30	Pollen Bee Aqueous Extract-Based Synthesis of Silver Nanoparticles and Evaluation of Their Anti-Cancer and Anti-Bacterial Activities. <i>Processes</i> , 2020 , 8, 524	2.9	10
29	Targeting hub genes and pathways of innate immune response in COVID-19: A network biology perspective. <i>International Journal of Biological Macromolecules</i> , 2020 , 163, 1-8	7.9	42
28	Lignin nanoparticles as a promising vaccine adjuvant and delivery system for ovalbumin. <i>International Journal of Biological Macromolecules</i> , 2020 , 163, 1314-1322	7.9	12
27	Understanding Biofilm Dynamics: In Vitro and In Vivo Models 2020 , 509-526		1
26	Modeling and Simulation of a Novel Functional Brace for Large Bone Defects. <i>Lecture Notes in Mechanical Engineering</i> , 2020 , 155-161	0.4	
25	A review on the use of additive manufacturing to produce lower limb orthoses. <i>Progress in Additive Manufacturing</i> , 2020 , 5, 85-94	5	8
24	Ellipsometric evaluation and morphology of mixed zinc sulfide/zinc oxide and zinc oxide nanostructures synthesized at various temperatures. <i>Canadian Journal of Physics</i> , 2020 , 98, 689-694	1.1	2
23	Wound-healing potential of curcumin loaded lignin nanoparticles. <i>Journal of Drug Delivery Science and Technology</i> , 2020 , 60, 102020	4.5	18
22	Molecular & biochemical analysis of Pro12Ala variant of PPAR- α gene in type 2 diabetes mellitus. <i>Saudi Journal of Biological Sciences</i> , 2020 , 27, 2439-2443	4	
21	Development, Characterization Optimization, and Assessment of Curcumin-Loaded Bioactive Self-Nanoemulsifying Formulations and Their Inhibitory Effects on Human Breast Cancer MCF-7 Cells. <i>Pharmaceutics</i> , 2020 , 12,	6.4	6
20	Optimization of a novel external fixator for orthopaedic applications. <i>MATEC Web of Conferences</i> , 2020 , 318, 01025	0.3	
19	Novel lignin nanoparticles for oral drug delivery. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 4461-4473	7.3	63
18	Bioadhesive Food Protein Nanoparticles as Pediatric Oral Drug Delivery System. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 18062-18073	9.5	17
17	Tuning the optical, electrical resistivity and structural properties of DC magnetron sputtered aluminum zinc oxide films by changing the oxygen flow rate. <i>Applied Physics A: Materials Science and Processing</i> , 2019 , 125, 1	2.6	1
16	Alpha-Amylase and Alpha-Glucosidase Enzyme Inhibition and Antioxidant Potential of 3-Oxolupenal and Katonic Acid Isolated from. <i>Biomolecules</i> , 2019 , 10,	5.9	38
15	Green Synthesized Silver Nanoparticles of Myrtus communis L (AgMC) Extract Inhibits Cancer Hallmarks via Targeting Aldose Reductase (AR) and Associated Signaling Network. <i>Processes</i> , 2019 , 7, 860	2.9	4
14	Screening & analysis of anionic peptides from by mass spectroscopy. <i>Saudi Journal of Biological Sciences</i> , 2019 , 26, 660-664	4	1
13	Influence of RF sputtering power on structural and optical properties of Nb2O5 thin films. <i>Optik</i> , 2018 , 168, 853-863	2.5	18

12	Controlled synthesis, morphological, optical and electrical properties of copper-doped zinc oxysulfide nanostructures. <i>Applied Physics A: Materials Science and Processing</i> , 2018 , 124, 1	2.6	9
11	Effect of oxidation time on structural, optical and electrical properties of mixed copper oxides nanocrystallites. <i>Optik</i> , 2018 , 173, 101-109	2.5	7
10	Alanine rich peptide from <i>Populus trichocarpa</i> inhibit growth of <i>Staphylococcus aureus</i> via targetting its extracellular domain of Sensor Histidine Kinase YycGex protein. <i>Microbial Pathogenesis</i> , 2018 , 121, 115-122	3.8	4
9	Investigation of the distribution of localised and extended states in amorphous MoOx. <i>AIP Advances</i> , 2018 , 8, 055118	1.5	2
8	Food Protein Based Core-Shell Nanocarriers for Oral Drug Delivery: Effect of Shell Composition on in Vitro and in Vivo Functional Performance of Zein Nanocarriers. <i>Molecular Pharmaceutics</i> , 2017 , 14, 757-769	5.6	37
7	Synthesis, optical, structural, and electrical properties of single-crystalline CdS nanobelts. <i>Applied Physics A: Materials Science and Processing</i> , 2017 , 123, 1	2.6	5
6	Effects of V doping on magnetic and optical properties of oxygen-deficient In ₂ O ₃ thin films. <i>Optik</i> , 2017 , 145, 377-386	2.5	3
5	WO ₃ nanowires for optoelectronic and gas sensing applications. <i>Applied Physics A: Materials Science and Processing</i> , 2015 , 119, 1261-1267	2.6	16
4	Magnetic properties of In ₂ O ₃ containing Fe ₃ O ₄ nanoparticles. <i>Physical Review B</i> , 2014 , 90,	3.3	12
3	Correction to Synthesis of Novel Biodegradable Methoxy Poly(ethylene glycol)-zein Micelles for Effective Delivery of Curcumin. <i>Molecular Pharmaceutics</i> , 2013 , 10, 428-428	5.6	3
2	Synthesis of novel biodegradable methoxy poly(ethylene glycol)-zein micelles for effective delivery of curcumin. <i>Molecular Pharmaceutics</i> , 2012 , 9, 2778-86	5.6	97
1	Crashworthiness optimization of a multicellular thin-walled tube with triangular cells. <i>Mechanics of Advanced Materials and Structures</i> , 1-17	1.8	