

Azmat Ali Khan

List of Publications by Citations

Source: <https://exaly.com/author-pdf/457160/azmat-ali-khan-publications-by-citations.pdf>

Version: 2024-04-25

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.

67

papers

806

citations

17

h-index

24

g-index

76

ext. papers

1,075

ext. citations

4.3

avg, IF

4.48

L-index

#	Paper	IF	Citations
67	Effective and fast adsorptive removal of toxic cationic dye (MB) from aqueous medium using amino-functionalized magnetic multiwall carbon nanotubes. <i>Journal of Molecular Liquids</i> , 2019 , 282, 154-161	6.161	71
66	Evaluation of Self-Nanoemulsifying Drug Delivery Systems (SNEDDS) for Poorly Water-Soluble Talinolol: Preparation, and Assessment. <i>Frontiers in Pharmacology</i> , 2019 , 10, 459	5.6	47
65	Antimicrobial activity of clove oil and its potential in the treatment of vaginal candidiasis. <i>Journal of Drug Targeting</i> , 2005 , 13, 555-61	5.4	34
64	Microfluidic paper device for rapid detection of aflatoxin B1 using an aptamer based colorimetric assay.. <i>RSC Advances</i> , 2020 , 10, 11843-11850	3.7	33
63	In vitro evaluation of cytotoxicity, possible alteration of apoptotic regulatory proteins, and antibacterial activity of synthesized copper oxide nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 153, 320-326	6	30
62	A highly porous nanocomposite (Fe ₃ O ₄ @BFR) for the removal of toxic Cd(II) ions from aqueous environment: Adsorption modelling and regeneration study. <i>Composites Part B: Engineering</i> , 2019 , 172, 179-185	10	30
61	Design and structural studies of diimine/CdX ₂ (X=Cl, I) complexes based on 2,2-dimethyl-1,3-diaminopropane ligand. <i>Journal of Molecular Structure</i> , 2014 , 1062, 167-173	3.4	29
60	Synthesis and characterization of 2-substituted benzimidazoles and their evaluation as anticancer agent. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 142, 286-91	4.4	29
59	Therapeutic potential of functionalized siRNA nanoparticles on regression of liver cancer in experimental mice. <i>Scientific Reports</i> , 2019 , 9, 15825	4.9	25
58	Effect of cations and anions of ionic liquids on the stability and activity of lysozyme: Concentration and temperature effect. <i>Journal of Molecular Liquids</i> , 2018 , 272, 253-263	6	24
57	Fabrication of microfluidic device for Aflatoxin M1 detection in milk samples with specific aptamers. <i>Scientific Reports</i> , 2020 , 10, 4627	4.9	21
56	Synthesis and characterization of novel PUFA esters exhibiting potential anticancer activities: an in vitro study. <i>European Journal of Medicinal Chemistry</i> , 2011 , 46, 4878-86	6.8	21
55	Interaction of an abiraterone with calf thymus DNA: Investigation with spectroscopic technique and modelling studies. <i>Bioorganic Chemistry</i> , 2020 , 100, 103957	5.1	20
54	Design, Synthesis, and Biological Evaluation of Benzimidazole-Derived Biocompatible Copper(II) and Zinc(II) Complexes as Anticancer Chemotherapeutics. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	19
53	Molecular modeling and analysis of hepatitis E virus (HEV) papain-like cysteine protease. <i>Virus Research</i> , 2014 , 179, 220-4	6.4	19
52	Synthesis and characterization of novel n-9 fatty acid conjugates possessing antineoplastic properties. <i>Lipids</i> , 2012 , 47, 973-86	1.6	18
51	Evaluation of Transition Metal Complexes of Benzimidazole-Derived Scaffold as Promising Anticancer Chemotherapeutics. <i>Molecules</i> , 2018 , 23,	4.8	17

50	Influence of Zn on magnetocaloric effect in (0.95)La0.7Sr0.3MnO3/Ni1-xZnxFe2O4 ceramic composites. <i>Materials Research Bulletin</i> , 2015 , 69, 41-45	5.1	17
49	Preparation, characterizations and in vitro cytotoxic activity of nickel oxide nanoparticles on HT-29 and SW620 colon cancer cell lines. <i>Journal of Trace Elements in Medicine and Biology</i> , 2019 , 52, 12-17	4.1	17
48	Design, synthesis and in vitro anticancer evaluation of a stearic acid-based ester conjugate. <i>Anticancer Research</i> , 2013 , 33, 2517-24	2.3	17
47	Targeted nano-delivery of novel omega-3 conjugate against hepatocellular carcinoma: Regulating COX-2/bcl-2 expression in an animal model. <i>Biomedicine and Pharmacotherapy</i> , 2016 , 81, 394-401	7.5	16
46	HPLC method with monolithic column for simultaneous determination of irbesartan and hydrochlorothiazide in tablets. <i>Acta Pharmaceutica</i> , 2014 , 64, 187-98	3.2	15
45	Anticancer efficacy of a novel propofol-linoleic acid-loaded escheriosomal formulation against murine hepatocellular carcinoma. <i>Nanomedicine</i> , 2013 , 8, 1281-94	5.6	15
44	Restrained management of copper level enhances the antineoplastic activity of imatinib in vitro and in vivo. <i>Scientific Reports</i> , 2018 , 8, 1682	4.9	14
43	Targeting HER-2 over expressed breast cancer cells with 2-cyclohexyl-N-[(Z)-(substituted phenyl/furan-2-yl/thiophene-2-yl)methylidene]hydrazinecarbothioamide. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 83-7	2.9	12
42	Pro-apoptotic activity of nano-escheriosome based oleic acid conjugate against 7,12-dimethylbenz(a)anthracene (DMBA) induced cutaneous carcinogenesis. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 90, 295-302	7.5	11
41	Vaccine potential of cytosolic proteins loaded fibrin microspheres of <i>Cryptococcus neoformans</i> in BALB/c mice. <i>Journal of Drug Targeting</i> , 2012 , 20, 453-66	5.4	11
40	Efficacy of amoxicillin bearing microsphere formulation in treatment of <i>Listeria monocytogenes</i> infection in Swiss albino mice. <i>Journal of Drug Targeting</i> , 2010 , 18, 45-52	5.4	10
39	Role of fusogenic non-PC liposomes in elicitation of protective immune response against experimental murine salmonellosis. <i>Biochimie</i> , 2006 , 88, 1391-400	4.6	10
38	Interspecies Anticancer and Antimicrobial Activities of Genus and Estimation of Rutin by Validated UPLC-PDA Method. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018 , 2018, 6040815	2.3	9
37	Pomegranate peel induced biogenic synthesis of silver nanoparticles and their multifaceted potential against intracellular pathogen and cancer. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 4191-4200	4.2	9
36	Interaction Characterization of a Tyrosine Kinase Inhibitor Erlotinib with a Model Transport Protein in the Presence of Quercetin: A Drug-Protein and Drug-Drug Interaction Investigation Using Multi-Spectroscopic and Computational Approaches. <i>Molecules</i> , 2022 , 27,	4.8	9
35	Antifungal efficacy of amphotericin B encapsulated fibrin microsphere for treating <i>Cryptococcus neoformans</i> infection in Swiss albino mice. <i>Brazilian Journal of Infectious Diseases</i> , 2016 , 20, 342-8	2.8	8
34	Formulation Development, In Vitro and In Vivo Evaluation of Topical Hydrogel Formulation of Econazole Nitrate-Loaded β -Cyclodextrin Nanosponges. <i>Journal of Pharmaceutical Sciences</i> , 2021 , 110, 3702-3714	3.9	8
33	Comparative anticancer and antimicrobial activity of aerial parts of , , and grown in Saudi Arabia. <i>Saudi Pharmaceutical Journal</i> , 2017 , 25, 1248-1252	4.4	7

32	Additive potential of combination therapy against cryptococcosis employing a novel amphotericin B and fluconazole loaded dual delivery system. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 119, 171-178	5.1	7
31	Inter-kingdom prediction certainty evaluation of protein subcellular localization tools: microbial pathogenesis approach for deciphering host microbe interaction. <i>Briefings in Bioinformatics</i> , 2018 , 19, 12-22	13.4	7
30	[Et3NH][HSO4]-mediated efficient synthesis of novel xanthene derivatives and their biological evaluation. <i>Journal of Saudi Chemical Society</i> , 2020 , 24, 425-433	4.3	7
29	Interaction and esterase activity of albumin serums with orphenadrine: A spectroscopic and computational approach. <i>Journal of Molecular Structure</i> , 2021 , 1239, 130522	3.4	7
28	Expression Pattern and Prognostic Significance of Chemokines in Breast cancer: An Integrated Bioinformatics Analysis.. <i>Clinical Breast Cancer</i> , 2022 ,	3	7
27	New constituents triterpene ester and sugar derivatives from Meyer and their evaluation of antioxidant activities. <i>Saudi Pharmaceutical Journal</i> , 2017 , 25, 801-812	4.4	6
26	Lead Optimization of 2-Cyclohexyl-N-[(Z)-(3-methoxyphenyl/3-hydroxyphenyl) methylidene]hydrazinecarbothioamides for Targeting the HER-2 Overexpressed Breast Cancer Cell Line SKBr-3. <i>Molecules</i> , 2015 , 20, 18246-63	4.8	6
25	Effect of some plantsSextracts used in Sudanese folkloric medicines on carrageenan-induced inflammation. <i>Pakistan Journal of Pharmaceutical Sciences</i> , 2015 , 28, 159-65	0.4	6
24	Novel sulindac derivatives: synthesis, characterisation, evaluation of antioxidant, analgesic, anti-inflammatory, ulcerogenic and COX-2 inhibition activity. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020 , 35, 921-934	5.6	5
23	A Facile One-Pot Synthesis and Anticancer Evaluation of Novel Substituted 1,2-Dihydropyridine and 1,2,3,4-Tetrahydropyrimidine Analogues. <i>Journal of Heterocyclic Chemistry</i> , 2016 , 53, 377-382	1.9	5
22	Fungal biofilm inhibition by piperazine-sulphonamide linked Schiff bases: Design, synthesis, and biological evaluation. <i>Archiv Der Pharmazie</i> , 2018 , 351, e1700354	4.3	4
21	Biophysical Interactions of Novel Oleic Acid Conjugate and its Anticancer Potential in HeLa Cells. <i>Journal of Fluorescence</i> , 2015 , 25, 519-25	2.4	4
20	Hepatitis B virus precore G1896A mutation in chronic liver disease patients with HBeAg negative serology from North India. <i>Saudi Journal of Biological Sciences</i> , 2018 , 25, 1257-1262	4	3
19	Synthesis, Physico-Chemical and Antimicrobial Studies of Ionic Liquid. <i>Asian Journal of Chemistry</i> , 2014 , 26, 887-890	0.4	3
18	Biophysical interactions, docking studies and cytotoxic potential of a novel propofol-linolenate: a multi-technique approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020 , 38, 2389-2401	3.6	3
17	Association Mechanism and Conformational Changes in Trypsin on Its Interaction with Atrazine: A Multi- Spectroscopic and Biochemical Study with Computational Approach. <i>International Journal of Molecular Sciences</i> , 2022 , 23, 5636	6.3	3
16	Synthesis and antihepatotoxic activity of dihydropyrimidinone derivatives linked with 1,4-benzodioxane. <i>Drug Design, Development and Therapy</i> , 2019 , 13, 2393-2404	4.4	2
15	Beneficial Effects of Anticoagulants on the Clinical Outcomes of COVID-19 Patients. <i>Antibiotics</i> , 2021 , 10,	4.9	2

14	Synthesis of Novel Sulfamethaoxazole 4-Thiazolidinone Hybrids and Their Biological Evaluation. <i>Molecules</i> , 2020 , 25,	4.8	2
13	Enhanced Efficacy of Thiosemicarbazone Derivative-Encapsulated Fibrin Liposomes against Candidiasis in Murine Model. <i>Pharmaceutics</i> , 2021 , 13,	6.4	2
12	Potential cytotoxicity of silver nanoparticles: Stimulation of autophagy and mitochondrial dysfunction in cardiac cells. <i>Saudi Journal of Biological Sciences</i> , 2021 , 28, 2762-2771	4	2
11	Interspecies estimation of Bitosterol by a validated high-performance thin-layer chromatography method in genus Ficus and cytotoxic activity against HepG2, HEK-293, MCF-7, and MDA-MB-231 cell lines. <i>Journal of Planar Chromatography - Modern TLC</i> , 2018 , 31, 213-219	0.9	2
10	Photoremediation of methylene blue by biosynthesized ZnO/Fe3O4 nanocomposites using Callistemon viminalis leaves aqueous extract: A comparative study. <i>Nanotechnology Reviews</i> , 2021 , 10, 1912-1925	6.3	1
9	Molecular Diagnostic of Ochratoxin A With Specific Aptamers in Corn and Groundnut via Fabrication of a Microfluidic Device.. <i>Frontiers in Nutrition</i> , 2022 , 9, 851787	6.2	1
8	Determination of anticancer potential of a novel pharmacologically active thiosemicarbazone derivative against colorectal cancer cell lines. <i>Saudi Pharmaceutical Journal</i> , 2022 ,	4.4	1
7	Role of Therapeutic Plasmapheresis in SARS-CoV-2 Induced Cytokine Release Syndrome: A Retrospective Cohort Study on COVID-19 Patients.. <i>International Journal of General Medicine</i> , 2022 , 15, 4907-4916	2.3	1
6	Chitosan-coated poly (lactic-co-glycolide) nanoparticles for dual delivery of doxorubicin and naringin against MCF-7 cells. <i>Journal of Drug Delivery Science and Technology</i> , 2022 , 68, 103036	4.5	0
5	Antifungal Cationic Nanoemulsion Ferrying Miconazole Nitrate with Synergism to Control Fungal Infections: , , and Evaluations.. <i>ACS Omega</i> , 2022 , 7, 13343-13353	3.9	0
4	Elucidating the role of silicon dioxide and titanium dioxide nanoparticles in mitigating the disease of the eggplant caused by Phomopsis vexans, Ralstonia solanacearum, and root-knot nematode Meloidogyne incognita. <i>Nanotechnology Reviews</i> , 2022 , 11, 1606-1619	6.3	0
3	Synthesis, molecular modelling and antibacterial activity of 4-aryl-thiosemicarbazides. <i>Polish Journal of Chemical Technology</i> , 2022 , 24, 39-46	1	
2	One-Pot Synthesis of Benzopyrano-Pyrimidine Derivatives Catalyzed by P-Toluene Sulphonic Acid and Their Nematicidal and Molecular Docking Study. <i>Catalysts</i> , 2022 , 12, 531	4	
1	Risk of Malignancy in Breast FNAB Categories, Classified According to the Newly Proposed International Academy of Cytology (IAC) Yokohama System.. <i>Cancer Management and Research</i> , 2022 , 14, 1693-1701	3.6	