

Mohd Sajid Khan

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,266
citations

361413

20
h-index

361022

35
g-index

42
all docs

42
docs citations

42
times ranked

1899
citing authors

#	ARTICLE	IF	CITATIONS
1	Antimicrobial potential of bacteriocins: in therapy, agriculture and food preservation. International Journal of Antimicrobial Agents, 2017, 49, 1-11.	2.5	213
2	Inhibitory Effect of Metformin and Pyridoxamine in the Formation of Early, Intermediate and Advanced Glycation End-Products. PLoS ONE, 2013, 8, e72128.	2.5	81
3	Oxidation, glycation and glycooxidation—The vicious cycle and lung cancer. Seminars in Cancer Biology, 2018, 49, 29-36.	9.6	59
4	Antioxidant and α -Amylase Inhibitory Property of <i>Phyllanthus virgatus</i> L.: An <i>In Vitro</i> and Molecular Interaction Study. BioMed Research International, 2013, 2013, 1-12.	1.9	58
5	Immunogenicity of DNA-advanced glycation end product fashioned through glyoxal and arginine in the presence of Fe ³⁺ : Its potential role in prompt recognition of diabetes mellitus auto-antibodies. Chemo-Biological Interactions, 2014, 219, 229-240.	4.0	58
6	Evaluation of antihepatotoxic potential of Solanum xanthocarpum fruit extract against antitubercular drugs induced hepatopathy in experimental rodents. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, 454-460.	1.2	57
7	Diversity-oriented synthesis of α -aminophosphonates: A new class of potential anticancer agents. European Journal of Medicinal Chemistry, 2013, 66, 146-152.	5.5	55
8	Gold nanoconjugates reinforce the potency of conjugated cisplatin and doxorubicin. Colloids and Surfaces B: Biointerfaces, 2017, 160, 254-264.	5.0	54
9	Antimicrobial potential of bacteriocin producing Lysinibacillus jx416856 against foodborne bacterial and fungal pathogens, isolated from fruits and vegetable waste. Anaerobe, 2014, 27, 87-95.	2.1	46
10	Antibacterial Activity of Synthesized 2,4,5-Trisubstituted Imidazole Derivatives. Chemical Biology and Drug Design, 2008, 72, 197-204.	3.2	44
11	A novel process for size controlled biosynthesis of gold nanoparticles using bromelain. Materials Letters, 2015, 159, 373-376.	2.6	42
12	Do all roads lead to the Rome? The glycation perspective!. Seminars in Cancer Biology, 2018, 49, 9-19.	9.6	42
13	Glycation-assisted synthesized gold nanoparticles inhibit growth of bone cancer cells. Colloids and Surfaces B: Biointerfaces, 2014, 117, 473-479.	5.0	41
14	Cisplatin bioconjugated enzymatic GNPs amplify the effect of cisplatin with acquiescence. Scientific Reports, 2019, 9, 13826.	3.3	36
15	<i>In Vitro</i> Screening for α -Hydroxy- β -methylglutaryl-CoA Reductase Inhibitory and Antioxidant Activity of Sequentially Extracted Fractions of <i>Ficus palmata</i> Forsk. BioMed Research International, 2014, 2014, 1-10.	1.9	32
16	Biogenic terbium oxide nanoparticles as the vanguard against osteosarcoma. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 168, 123-131.	3.9	31
17	Bioactivity guided fractionation and hypolipidemic property of a novel HMG-CoA reductase inhibitor from <i>Ficus virens</i> Ait. Lipids in Health and Disease, 2015, 14, 15.	3.0	30
18	Gold Nanoparticles Conjugated Levofloxacin: For Improved Antibacterial Activity Over Levofloxacin Alone. Current Drug Delivery, 2017, 14, 1114-1119.	1.6	26

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19	Bromelain capped gold nanoparticles as the novel drug delivery carriers to aggrandize effect of the antibiotic levofloxacin. EXCLI Journal, 2016, 15, 772-780.	0.7	23
20	Improved efficiency and stability of secnidazole – An ideal delivery system. Saudi Journal of Biological Sciences, 2015, 22, 42-49.	3.8	22
21	The in vivo and in vitro approaches for establishing a link between advanced glycation end products and lung cancer. Journal of Cellular Biochemistry, 2018, 119, 9099-9109.	2.6	22
22	Vincamine, a safe natural alkaloid, represents a novel anticancer agent. Bioorganic Chemistry, 2021, 107, 104626.	4.1	20
23	Nutratherapeutics approach against cancer: tomato-mediated synthesised gold nanoparticles. IET Nanobiotechnology, 2018, 12, 1-5.	3.8	17
24	Biochemical synthesis of gold nanoparticles from leaf protein of <i>Nicotiana tabacum</i> L. cv. xanthi and their physiological, developmental, and ROS scavenging responses on tobacco plant under stress conditions. IET Nanobiotechnology, 2019, 13, 23-29.	3.8	16
25	Cadmium oxide nanoparticles: An attractive candidate for novel therapeutic approaches. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 585, 124017.	4.7	15
26	Efficacy of a novel bacteriocin isolated from <i>Lysinibacillus</i> sp. against <i>Bacillus pumilus</i> . LWT - Food Science and Technology, 2019, 102, 260-267.	5.2	14
27	Sericin-functionalized GNPs potentiate the synergistic effect of levofloxacin and balofloxacin against MDR bacteria. Microbial Pathogenesis, 2020, 148, 104467.	2.9	12
28	Biostimulation of <i>Rhodovulum</i> sp., for enhanced degradation of di-n-butyl phthalate under optimum conditions. Chemosphere, 2021, 266, 128998.	8.2	12
29	Magnetic Nanoparticles: Properties, Synthesis and Biomedical Applications. Current Drug Metabolism, 2015, 16, 685-704.	1.2	12
30	Biogenic pentagonal silver nanoparticles for safer and more effective antibacterial therapeutics. International Journal of Nanomedicine, 2018, Volume 13, 7789-7799.	6.7	10
31	Solanum xanthocarpum fruit extract promotes chondrocyte proliferation in vitro and protects cartilage damage in collagenase induced osteoarthritic rats (article reference number: JEP 114028). Journal of Ethnopharmacology, 2021, 274, 114028.	4.1	10
32	Design, Synthesis, Evaluation and Thermodynamics of 1-Substituted Pyridylimidazo[1,5-a]Pyridine Derivatives as Cysteine Protease Inhibitors. PLoS ONE, 2013, 8, e69982.	2.5	10
33	An enzoinformatics study targeting polo-like kinases-1 enzyme: Comparative assessment of anticancer potential of compounds isolated from leaves of <i>Ageratum houstonianum</i> . Pharmacognosy Magazine, 2014, 10, 14.	0.6	9
34	A Novel Approach for the Synthesis of Gold Nanoparticles Using Trypsin. Advanced Science Letters, 2014, 20, 1061-1065.	0.2	8
35	Potentially Bioactive Fungus Mediated Silver Nanoparticles. Nanomaterials, 2021, 11, 3227.	4.1	7
36	Effect of inflammation on bones in diabetic patients with periodontitis via RANKL/OPG system-A review. Journal of Diabetes and Metabolic Disorders, 2022, 21, 1003-1009.	1.9	6

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37	Enhancing using glucose encapsulation, the efficacy of CdO NPs against multi-drug resistant <i>Escherichia coli</i> . <i>Microbial Pathogenesis</i> , 2018, 119, 42-48.	2.9	5
38	Purification and characterization of a cystatin like thiol protease inhibitor from <i>Brassica nigra</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 125, 1128-1139.	7.5	3
39	RP-HPLC Estimation of Flavonol Derivatives and Phenolic Acids in <i>Capsicum annum L.</i> and their Correlation with In Vitro Anti-Inflammatory Activity. <i>Current Pharmaceutical Biotechnology</i> , 2020, 21, 149-157.	1.6	3
40	Synthesis, Characterization and Physicochemical Analysis of some Mannofuranoside Derivatives with Potent Antimicrobial Activity. <i>Oriental Journal of Chemistry</i> , 2017, 33, 2731-2741.	0.3	2
41	Protein aggregation as a consequence of non-enzymatic glycation: Therapeutic intervention using aspartic acid and arginine. <i>International Journal of Biological Macromolecules</i> , 2020, 163, 1844-1858.	7.5	2
42	Explorations of Tolerant <i>Trichoderma</i> spp. as Plant Growth Promoter and Biocontrol Agent against <i>Colletotrichum falcatum</i> . <i>Journal of Pure and Applied Microbiology</i> , 2020, 14, 327-339.	0.9	1