

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
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42
all docs

42
docs citations

42
times ranked

1899
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Biostimulation of Rhodovulum sp., for enhanced degradation of di-n-butyl phthalate under optimum conditions. Chemosphere, 2021, 266, 128998.	8.2	12
3	Vincamine, a safe natural alkaloid, represents a novel anticancer agent. Bioorganic Chemistry, 2021, 107, 104626.	4.1	20
4	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
5	Potentially Bioactive Fungus Mediated Silver Nanoparticles. Nanomaterials, 2021, 11, 3227.	4.1	7
6	Cadmium oxide nanoparticles: An attractive candidate for novel therapeutic approaches. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2020, 585, 124017.	4.7	15
7	Sericin-functionalized GNPs potentiate the synergistic effect of levofloxacin and balofloxacin against MDR bacteria. Microbial Pathogenesis, 2020, 148, 104467.	2.9	12
8	Protein aggregation as a consequence of non-enzymatic glycation: Therapeutic intervention using aspartic acid and arginine. International Journal of Biological Macromolecules, 2020, 163, 1844-1858.	7.5	2
9	Explorations of Tolerant Trichoderma spp. as Plant Growth Promoter and Biocontrol Agent against Colletotrichum falcatum. Journal of Pure and Applied Microbiology, 2020, 14, 327-339.	0.9	1
10	RP-HPLC Estimation of Flavonol Derivatives and Phenolic Acids in Capsicum annum L. and their Correlation with In Vitro Anti-Inflammatory Activity. Current Pharmaceutical Biotechnology, 2020, 21, 149-157.	1.6	3
11	Cisplatin bioconjugated enzymatic GNPs amplify the effect of cisplatin with acquiescence. Scientific Reports, 2019, 9, 13826.	3.3	36
12	Purification and characterization of a cystatin like thiol protease inhibitor from Brassica nigra. International Journal of Biological Macromolecules, 2019, 125, 1128-1139.	7.5	3
13	Biochemical synthesis of gold nanoparticles from leaf protein of <i>Nicotiana tabacum</i> L. <i>cv.</i> xanthi and their physiological, developmental, and ROS scavenging responses on tobacco plant under stress conditions. IET Nanobiotechnology, 2019, 13, 23-29.	3.8	16
14	Efficacy of a novel bacteriocin isolated from Lysinibacillus sp. against Bacillus pumilus. LWT - Food Science and Technology, 2019, 102, 260-267.	5.2	14
15	Nutratherapeutics approach against cancer: tomato-mediated synthesised gold nanoparticles. IET Nanobiotechnology, 2018, 12, 1-5.	3.8	17
16	Enhancing using glucose encapsulation, the efficacy of CdO NPs against multi-drug resistant Escherichia coli. Microbial Pathogenesis, 2018, 119, 42-48.	2.9	5
17	Oxidation, glycation and glycoxidation—The vicious cycle and lung cancer. Seminars in Cancer Biology, 2018, 49, 29-36.	9.6	59
18	Do all roads lead to the Rome? The glycation perspective!. Seminars in Cancer Biology, 2018, 49, 9-19.	9.6	42

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19	Biogenic pentagonal silver nanoparticles for safer and more effective antibacterial therapeutics. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 7789-7799.	6.7	10
20	The in vivo and in vitro approaches for establishing a link between advanced glycation end products and lung cancer. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 9099-9109.	2.6	22
21	Gold nanoconjugates reinforce the potency of conjugated cisplatin and doxorubicin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 160, 254-264.	5.0	54
22	Antimicrobial potential of bacteriocins: in therapy, agriculture and food preservation. <i>International Journal of Antimicrobial Agents</i> , 2017, 49, 1-11.	2.5	213
23	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
24	Gold Nanoparticles Conjugated Levofloxacin: For Improved Antibacterial Activity Over Levofloxacin Alone. <i>Current Drug Delivery</i> , 2017, 14, 1114-1119.	1.6	26
25	Biogenic terbium oxide nanoparticles as the vanguard against osteosarcoma. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 168, 123-131.	3.9	31
26	Bromelain capped gold nanoparticles as the novel drug delivery carriers to aggrandize effect of the antibiotic levofloxacin. <i>EXCLI Journal</i> , 2016, 15, 772-780.	0.7	23
27	Improved efficiency and stability of secnidazole – An ideal delivery system. <i>Saudi Journal of Biological Sciences</i> , 2015, 22, 42-49.	3.8	22
28	A novel process for size controlled biosynthesis of gold nanoparticles using bromelain. <i>Materials Letters</i> , 2015, 159, 373-376.	2.6	42
29	Bioactivity guided fractionation and hypolipidemic property of a novel HMG-CoA reductase inhibitor from <i>Ficus virens</i> Ait. <i>Lipids in Health and Disease</i> , 2015, 14, 15.	3.0	30
30	Magnetic Nanoparticles: Properties, Synthesis and Biomedical Applications. <i>Current Drug Metabolism</i> , 2015, 16, 685-704.	1.2	12
31	In Vitro Screening for α -Hydroxy- β -methylglutaryl-CoA Reductase Inhibitory and Antioxidant Activity of Sequentially Extracted Fractions of <i>Ficus palmata</i> Forsk. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	32
32	An enzoinformatics study targeting polo-like kinases-1 enzyme: Comparative assessment of anticancer potential of compounds isolated from leaves of <i>Ageratum houstonianum</i> . <i>Pharmacognosy Magazine</i> , 2014, 10, 14.	0.6	9
33	Antimicrobial potential of bacteriocin producing <i>Lysinibacillus jx416856</i> against foodborne bacterial and fungal pathogens, isolated from fruits and vegetable waste. <i>Anaerobe</i> , 2014, 27, 87-95.	2.1	46
34	Glycation-assisted synthesized gold nanoparticles inhibit growth of bone cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 117, 473-479.	5.0	41
35	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. <i>Chemico-Biological Interactions</i> , 2014, 219, 229-240.	4.0	58
36	A Novel Approach for the Synthesis of Gold Nanoparticles Using Trypsin. <i>Advanced Science Letters</i> , 2014, 20, 1061-1065.	0.2	8

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37	Diversity-oriented synthesis of α -aminophosphonates: A new class of potential anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2013, 66, 146-152.	5.5	55
38	Antioxidant and α -Amylase Inhibitory Property of <i>Phyllanthus virgatus</i> L.: An In Vitro and Molecular Interaction Study. <i>BioMed Research International</i> , 2013, 2013, 1-12.	1.9	58
39	Inhibitory Effect of Metformin and Pyridoxamine in the Formation of Early, Intermediate and Advanced Glycation End-Products. <i>PLoS ONE</i> , 2013, 8, e72128.	2.5	81
40	Design, Synthesis, Evaluation and Thermodynamics of 1-Substituted Pyridylimidazo[1,5-a]Pyridine Derivatives as Cysteine Protease Inhibitors. <i>PLoS ONE</i> , 2013, 8, e69982.	2.5	10
41	Evaluation of antihepatotoxic potential of <i>Solanum xanthocarpum</i> fruit extract against antitubercular drugs induced hepatopathy in experimental rodents. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, 454-460.	1.2	57
42	Antibacterial Activity of Synthesized 2,4,5-Trisubstituted Imidazole Derivatives. <i>Chemical Biology and Drug Design</i> , 2008, 72, 197-204.	3.2	44