

# Tariq Khan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6795336/publications.pdf>

Version: 2024-02-01

45  
papers

1,690  
citations

361045

20  
h-index

301761

39  
g-index

47  
all docs

47  
docs citations

47  
times ranked

2023  
citing authors

#	ARTICLE	IF	CITATIONS
1	The multipotent thidiazuron: A mechanistic overview of its roles in callogenesis and other plant cultures in vitro. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 2624-2640.	1.4	7
2	Application of exogenous melatonin in vitro and in planta: a review of its effects and mechanisms of action. <i>Biotechnology Letters</i> , 2022, 44, 933-950.	1.1	6
3	Therapeutic potential of medicinal plants against COVID-19: The role of antiviral medicinal metabolites. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 31, 101890.	1.5	69
4	Interactive effects of zinc oxide nano particles and different light regimes on growth and silymarin biosynthesis in callus cultures of <i>Silybum marianum</i> L.. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2021, 49, 523-535.	1.9	10
5	Plant in vitro Culture Technologies; A Promise Into Factories of Secondary Metabolites Against COVID-19. <i>Frontiers in Plant Science</i> , 2021, 12, 610194.	1.7	25
6	Cracking the Challenge of Antimicrobial Drug Resistance with CRISPR/Cas9, Nanotechnology and Other Strategies in ESKAPE Pathogens. <i>Microorganisms</i> , 2021, 9, 954.	1.6	14
7	LC-MS/MS-based profiling of bioactive metabolites of endophytic bacteria from <i>Cannabis sativa</i> and their anti-Phytophthora activity. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 1165-1179.	0.7	8
8	Iron-doped zinc oxide nanoparticles-triggered elicitation of important phenolic compounds in cell cultures of <i>Fagonia indica</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 147, 287-296.	1.2	22
9	Improving Biosecurity in Pakistan: Current Efforts, Challenges, and Recommendations on a Multidimensional Management Strategy. <i>Health Security</i> , 2021, 19, 254-261.	0.9	2
10	Exogenous Applications of Bio-fabricated Silver Nanoparticles to Improve Biochemical, Antioxidant, Fatty Acid and Secondary Metabolite Contents of Sunflower. <i>Nanomaterials</i> , 2021, 11, 1750.	1.9	25
11	Mechanistic aspects of plant-based silver nanoparticles against multi-drug resistant bacteria. <i>Heliyon</i> , 2021, 7, e07448.	1.4	37
12	Bioflavonoid-Induced Apoptosis and DNA Damage in Amastigotes and Promastigotes of <i>Leishmania donovani</i> : Deciphering the Mode of Action. <i>Molecules</i> , 2021, 26, 5843.	1.7	8
13	Chemical Elicitors-Induced Variation in Cellular Biomass, Biosynthesis of Secondary Cell Products, and Antioxidant System in Callus Cultures of <i>Fagonia indica</i> . <i>Molecules</i> , 2021, 26, 6340.	1.7	7
14	SARS-CoV-2 nomenclature: viruses, variants and vaccines need a standardized naming system. <i>Future Virology</i> , 2021, , .	0.9	4
15	A Cross-Sectional Survey to Assess Biorisk Management System in Research and Diagnostic Laboratories in Khyber Pakhtunkhwa, Pakistan. <i>Frontiers in Public Health</i> , 2021, 9, 766162.	1.3	4
16	Global Perspectives on Task Shifting and Task Sharing in Neurosurgery. <i>World Neurosurgery: X</i> , 2020, 6, 100060.	0.6	35
17	Anticancer Plants: A Review of the Active Phytochemicals, Applications in Animal Models, and Regulatory Aspects. <i>Biomolecules</i> , 2020, 10, 47.	1.8	170
18	Comparative analysis of the effects of chemically and biologically synthesized silver nanoparticles on biomass accumulation and secondary metabolism in callus cultures of <i>Fagonia indica</i> . <i>Physiology and Molecular Biology of Plants</i> , 2020, 26, 1739-1750.	1.4	24

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19	Iron nano modulated growth and biosynthesis of steviol glycosides in <i>Stevia rebaudiana</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 143, 121-130.	1.2	24
20	A Comprehensive Study of Dengue Epidemics and Persistence of Anti-Dengue Virus Antibodies in District Swat, Pakistan. <i>Intervirology</i> , 2020, 63, 46-56.	1.2	5
21	Variation in surface properties, metabolic capping, and antibacterial activity of biosynthesized silver nanoparticles: comparison of bio-fabrication potential in phytohormone-regulated cell cultures and naturally grown plants. <i>RSC Advances</i> , 2020, 10, 38831-38840.	1.7	9
22	Binarism, Identity (Crisis) and Power Structures in Postcolonial Anglophone Fiction: Analyzing Discursive Strategies in <i>The God of Small Things</i> . <i>International Journal of English Linguistics</i> , 2020, 10, 100.	0.1	0
23	Plant-based gold nanoparticles; a comprehensive review of the decade-long research on synthesis, mechanistic aspects and diverse applications. <i>Advances in Colloid and Interface Science</i> , 2019, 272, 102017.	7.0	105
24	Evaluation of the antibacterial potential of silver nanoparticles synthesized through the interaction of antibiotic and aqueous callus extract of <i>Fagonia indica</i> . <i>AMB Express</i> , 2019, 9, 75.	1.4	29
25	Plant cell nanomaterials interaction: Growth, physiology and secondary metabolism. <i>Comprehensive Analytical Chemistry</i> , 2019, , 23-54.	0.7	19
26	Piper Species: A Comprehensive Review on Their Phytochemistry, Biological Activities and Applications. <i>Molecules</i> , 2019, 24, 1364.	1.7	259
27	Effects of chitosan and salicylic acid on the production of pharmacologically attractive secondary metabolites in callus cultures of <i>Fagonia indica</i> . <i>Industrial Crops and Products</i> , 2019, 129, 525-535.	2.5	65
28	Phytoremediation of Electronic Waste: A Mechanistic Overview and Role of Plant Secondary Metabolites. <i>Soil Biology</i> , 2019, , 233-252.	0.6	5
29	Selected hepatoprotective herbal medicines: Evidence from ethnomedicinal applications, animal models, and possible mechanism of actions. <i>Phytotherapy Research</i> , 2018, 32, 199-215.	2.8	77
30	Carbohydrate-induced biomass accumulation and elicitation of secondary metabolites in callus cultures of <i>Fagonia indica</i> . <i>Industrial Crops and Products</i> , 2018, 126, 168-176.	2.5	17
31	Thidiazuron regulated growth, secondary metabolism and essential oil profiles in shoot cultures of <i>Ajuga bracteosa</i> . <i>Industrial Crops and Products</i> , 2018, 121, 418-427.	2.5	20
32	Melatonin-stimulated biosynthesis of anti-microbial ZnONPs by enhancing bio-reductive prospective in callus cultures of <i>Catharanthus roseus</i> var. <i>Alba</i> . <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 936-950.	1.9	12
33	Molecular identification and control of endophytic contamination during in vitro plantlet development of <i>Fagonia indica</i> . <i>Acta Physiologiae Plantarum</i> , 2018, 40, 1.	1.0	12
34	The interplay between light, plant growth regulators and elicitors on growth and secondary metabolism in cell cultures of <i>Fagonia indica</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 185, 153-160.	1.7	39
35	Impacts of methyl jasmonate and phenyl acetic acid on biomass accumulation and antioxidant potential in adventitious roots of <i>Ajuga bracteosa</i> Wall ex Benth., a high valued endangered medicinal plant. <i>Physiology and Molecular Biology of Plants</i> , 2017, 23, 229-237.	1.4	69
36	Melatonin-enhanced biosynthesis of antimicrobial AgNPs by improving the phytochemical reducing potential of a callus culture of <i>Ocimum basilicum</i> var. <i>thyriflora</i> . <i>RSC Advances</i> , 2017, 7, 38699-38713.	1.7	15

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37	Production of biomass and useful compounds through elicitation in adventitious root cultures of <i>Fagonia indica</i> . <i>Industrial Crops and Products</i> , 2017, 108, 451-457.	2.5	52
38	Applications of plant terpenoids in the synthesis of colloidal silver nanoparticles. <i>Advances in Colloid and Interface Science</i> , 2016, 234, 132-141.	7.0	140
39	Differential Effects of Thidiazuron on Production of Anticancer Phenolic Compounds in Callus Cultures of <i>Fagonia indica</i> . <i>Applied Biochemistry and Biotechnology</i> , 2016, 179, 46-58.	1.4	48
40	Why is Pakistan a threat to “The Polio Eradication and Endgame Strategic Plan 2013-2018”? A look into the past decade. <i>International Journal of Infectious Diseases</i> , 2016, 42, 4-6.	1.5	3
41	Interactive effects of melatonin and light on growth parameters and biochemical markers in adventitious roots of <i>Withania somnifera</i> L.. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 123, 405-412.	1.2	18
42	Synthesis in plants and plant extracts of silver nanoparticles with potent antimicrobial properties: current status and future prospects. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 9923-9934.	1.7	112
43	Measles outbreaks in pakistan: causes of the tragedy and future implications. <i>Epidemiology Reports</i> , 2014, 2, 1.	0.1	15
44	Hurdles to the global antipolio campaign in Pakistan: an outline of the current status and future prospects to achieve a polio free world. <i>Journal of Epidemiology and Community Health</i> , 2013, 67, 696-702.	2.0	30
45	Prevalence of HBV infection in suspected population of conflict-affected area of war against terrorism in North Waziristan FATA Pakistan. <i>Infection, Genetics and Evolution</i> , 2012, 12, 1865-1869.	1.0	13