

# Mohammad Ali

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

1,745  
citations

279798

23  
h-index

330143

37  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1966  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological role of <i>Piper nigrum</i> L. (Black pepper): A review. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, S1945-S1953.	1.2	219
2	Methyl Jasmonate and Salicylic Acid Induced Oxidative Stress and Accumulation of Phenolics in <i>Panax ginseng</i> Bioreactor Root Suspension Cultures. <i>Molecules</i> , 2007, 12, 607-621.	3.8	148
3	Elicitation of Medicinally Important Antioxidant Secondary Metabolites with Silver and Gold Nanoparticles in Callus Cultures of <i>Prunella vulgaris</i> L.. <i>Applied Biochemistry and Biotechnology</i> , 2016, 180, 1076-1092.	2.9	130
4	Green synthesis and characterization of silver nanoparticles using <i>Artemisia absinthium</i> aqueous extract – A comprehensive study. <i>Materials Science and Engineering C</i> , 2016, 58, 359-365.	7.3	126
5	Production of commercially important secondary metabolites and antioxidant activity in cell suspension cultures of <i>Artemisia absinthium</i> L.. <i>Industrial Crops and Products</i> , 2013, 49, 400-406.	5.2	96
6	Morphogenic and biochemical variations under different spectral lights in callus cultures of <i>Artemisia absinthium</i> L.. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 130, 264-271.	3.8	86
7	Inhibition of <i>Phytophthora parasitica</i> and <i>P. capsici</i> by Silver Nanoparticles Synthesized Using Aqueous Extract of <i>Artemisia absinthium</i> . <i>Phytopathology</i> , 2015, 105, 1183-1190.	2.2	86
8	Biogenic synthesis of iron oxide nanoparticles via <i>Skimmia laureola</i> and their antibacterial efficacy against bacterial wilt pathogen <i>Ralstonia solanacearum</i> . <i>Materials Science and Engineering C</i> , 2019, 98, 101-108.	7.3	86
9	Virus-Like Particles: Revolutionary Platforms for Developing Vaccines Against Emerging Infectious Diseases. <i>Frontiers in Microbiology</i> , 2021, 12, 790121.	3.5	76
10	Light-induced fluctuations in biomass accumulation, secondary metabolites production and antioxidant activity in cell suspension cultures of <i>Artemisia absinthium</i> L.. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 140, 223-227.	3.8	70
11	Elicitation of antioxidant secondary metabolites with jasmonates and gibberellic acid in cell suspension cultures of <i>Artemisia absinthium</i> L.. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 120, 1099-1106.	2.3	57
12	<i>Ex Vivo</i> Application of Secreted Metabolites Produced by Soil-Inhabiting <i>Bacillus</i> spp. Efficiently Controls Foliar Diseases Caused by <i>Alternaria</i> spp. <i>Applied and Environmental Microbiology</i> , 2016, 82, 478-490.	3.1	49
13	Temporal variations in metabolite profiles at different growth phases during somatic embryogenesis of <i>Silybum marianum</i> L.. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 120, 127-139.	2.3	47
14	Toxic effects of heavy metals (Cd, Cr and Pb) on seed germination and growth and DPPH-scavenging activity in <i>Brassica rapa</i> var. <i>turnip</i> . <i>Toxicology and Industrial Health</i> , 2014, 30, 238-249.	1.4	45
15	Polio vaccination controversy in Pakistan. <i>Lancet, The</i> , 2019, 394, 915-916.	13.7	45
16	Thidiazuron-Induced Changes in Biomass Parameters, Total Phenolic Content, and Antioxidant Activity in Callus Cultures of <i>Artemisia absinthium</i> L.. <i>Applied Biochemistry and Biotechnology</i> , 2014, 172, 2363-2376.	2.9	44
17	Sucrose induced osmotic stress and photoperiod regimes enhanced the biomass and production of antioxidant secondary metabolites in shake-flask suspension cultures of <i>Prunella vulgaris</i> L.. <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 124, 573-581.	2.3	36
18	Strategies to enhance biologically active-secondary metabolites in cell cultures of <i>Artemisia</i> – current trends. <i>Critical Reviews in Biotechnology</i> , 2017, 37, 833-851.	9.0	36

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19	Stimulation of secondary metabolites by copper and gold nanoparticles in submerge adventitious root cultures of <i>Stevia rebaudiana</i> (Bert.). IET Nanobiotechnology, 2018, 12, 569-573.	3.8	34
20	Sustainable production of biomass and industrially important secondary metabolites in cell cultures of selfheal ( <i>Prunella vulgaris</i> L.) elicited by silver and gold nanoparticles. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 2553-2561.	2.8	33
21	Sucrose-enhanced biosynthesis of medicinally important antioxidant secondary metabolites in cell suspension cultures of <i>Artemisia absinthium</i> L.. Bioprocess and Biosystems Engineering, 2016, 39, 1945-1954.	3.4	28
22	Over-the-counter medicines in Pakistan: misuse and overuse. Lancet, The, 2020, 395, 116.	13.7	26
23	Effect of Gibberellic Acid on Production of Biomass, Polyphenolics and Steviol Glycosides in Adventitious Root Cultures of <i>Stevia rebaudiana</i> (Bert.). Plants, 2020, 9, 420.	3.5	25
24	Exogenous melatonin trigger biomass accumulation and production of stress enzymes during callogenesis in medicinally important <i>Prunella vulgaris</i> L. (Selfheal). Physiology and Molecular Biology of Plants, 2018, 24, 1307-1315.	3.1	24
25	Development of multi-epitope subunit vaccine for protection against the norovirus™ infections based on computational vaccinology. Journal of Biomolecular Structure and Dynamics, 2022, 40, 3098-3109.	3.5	13
26	Green Synthesis of Silver Nanoparticles Using <i>Euphorbia wallichii</i> Leaf Extract: Its Antibacterial Action against Citrus Canker Causal Agent and Antioxidant Potential. Molecules, 2022, 27, 3525.	3.8	13
27	Green and chemically synthesized zinc oxide nanoparticles: effects on <i>in-vitro</i> seedlings and callus cultures of <i>Silybum marianum</i> and evaluation of their antimicrobial and anticancer potential. Artificial Cells, Nanomedicine and Biotechnology, 2021, 49, 450-460.	2.8	12
28	Sucrose-dependent production of biomass and low-caloric steviol glycosides in adventitious root cultures of <i>Stevia rebaudiana</i> (Bert.). Industrial Crops and Products, 2021, 164, 113382.	5.2	11
29	Cold Stress-induced Seed Germination and Biosynthesis of Polyphenolics Content in Medicinally Important <i>Brassica rapa</i> . Phytomedicine Plus, 2022, 2, 100185.	2.0	9
30	Free radical scavenging activity in <i>in vitro</i> -derived tissues of <i>Eruca sativa</i> . Toxicology and Industrial Health, 2016, 32, 98-105.	1.4	8
31	Silver and gold nanoparticles induced differential antimicrobial potential in calli cultures of <i>Prunella vulgaris</i> . BMC Chemistry, 2022, 16, 20.	3.8	7
32	Biosynthesis of antioxidative enzymes and polyphenolics content in calli cultures of <i>Prunella vulgaris</i> L. in response to auxins and cytokinins. Artificial Cells, Nanomedicine and Biotechnology, 2020, 48, 893-902.	2.8	6
33	Elicitation of Submerged Adventitious Root Cultures of <i>Stevia rebaudiana</i> with <i>Cuscuta reflexa</i> for Production of Biomass and Secondary Metabolites. Molecules, 2022, 27, 14.	3.8	5
34	COVID-19 vaccination gives hope to eradicate polio. Nature Medicine, 2021, 27, 1660-1661.	30.7	4
35	Prevalence of Diabetes Type 2 in Hepatitis C Infected Patients in Kpk, Pakistan. BioMed Research International, 2017, 2017, 1-4.	1.9	3
36	The synergistic effects of sucrose and plant growth regulators on morphogenesis and evaluation of antioxidant activities in regenerated tissues of <i>Caralluma tuberculata</i> . Acta Physiologiae Plantarum, 2016, 38, 1.	2.1	1

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37	Effect of temperature and humidity on coronavirus infection in Pakistan. Gene Reports, 2022, 26, 101441.	0.8	1