

# Faheem Ahmad

## List of Publications by Year in descending order

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28  
papers

528  
citations

759055

12  
h-index

677027

22  
g-index

28  
all docs

28  
docs citations

28  
times ranked

530  
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in the Application of Plant Growth-Promoting Rhizobacteria in Phytoremediation of Heavy Metals. <i>Reviews of Environmental Contamination and Toxicology</i> , 2013, 223, 33-52.	0.7	103
2	Green Nanotechnology: Plant-Mediated Nanoparticle Synthesis and Application. <i>Nanomaterials</i> , 2022, 12, 673.	1.9	68
3	Unique Properties of Surface-Functionalized Nanoparticles for Bio-Application: Functionalization Mechanisms and Importance in Application. <i>Nanomaterials</i> , 2022, 12, 1333.	1.9	55
4	Potential of MALDI-TOF mass spectrometry as a rapid detection technique in plant pathology: identification of plant-associated microorganisms. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 404, 1247-1255.	1.9	41
5	Antagonistic Effects of <i>Bacillus</i> Species in Biocontrol of Tomato <i>Fusarium</i> Wilt. <i>Studies on Ethno-Medicine</i> , 2013, 7, 205-216.	0.1	38
6	Biofunctionalization of nanoparticle assisted mass spectrometry as biosensors for rapid detection of plant associated bacteria. <i>Biosensors and Bioelectronics</i> , 2012, 35, 235-242.	5.3	35
7	Characterization of pathogenic bacteria using ionic liquid via single drop microextraction combined with MALDI-TOF MS. <i>Analyst</i> , 2011, 136, 4020.	1.7	32
8	Nematicidal activity of leaf extracts from <i>Lantana camara</i> L. against <i>Meloidogyne incognita</i> (Kofoid) Tj. <i>Archives of Biology and Technology</i> , 2010, 53, 543-548.	0.5	21
9	Potential of chitosan alone and in combination with agricultural wastes against the root-knot nematode, <i>Meloidogyne incognita</i> infesting eggplant. <i>Journal of Plant Protection Research</i> , 2017, 57, 288-295.	1.0	19
10	A comparative study of chromosome morphology among the nine annual species of <i>Cicer</i> L. <i>Cytobios</i> , 2000, 101, 37-53.	0.2	15
11	Rapid and highly sensitive detection of single nematode via direct MALDI Mass Spectrometry. <i>Talanta</i> , 2012, 93, 182-185.	2.9	13
12	Monitoring the heat stress response of <i>Escherichia coli</i> via NiO nanoparticle assisted MALDI-TOF mass spectrometry. <i>Talanta</i> , 2013, 103, 38-46.	2.9	12
13	Bacterial strains integrated with surfactin molecules of <i>Bacillus subtilis</i> MTCC441 enrich nematocidal activity against <i>Meloidogyne incognita</i> . <i>Plant Biology</i> , 2021, 23, 1027-1036.	1.8	12
14	Synthesized copper oxide nanoparticles via the green route act as antagonists to pathogenic root-knot nematode, <i>Meloidogyne incognita</i> . <i>Green Chemistry Letters and Reviews</i> , 2022, 15, 491-507.	2.1	9
15	Effect of combined soil application of biochar and oilcakes on <i>Meloidogyne incognita</i> infesting lentil ( <i>Lens culinaris</i> cv. Desi). <i>Indian Phytopathology</i> , 2020, 73, 367-370.	0.7	8
16	Application of Mass Spectrometry as Rapid Detection Tool in Plant Nematology. <i>Applied Spectroscopy Reviews</i> , 2014, 49, 1-10.	3.4	7
17	New insights on the utilization of ultrasonicated mustard seed cake: chemical composition and antagonistic potential for root-knot nematode, <i>Meloidogyne javanica</i> . <i>Journal of Zhejiang University: Science B</i> , 2021, 22, 563-574.	1.3	7
18	High-resolution MALDI-TOF mass spectrometry of bacterial proteins using a Tris-EDTA buffer approach. <i>Mikrochimica Acta</i> , 2012, 176, 311-316.	2.5	6

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19	Effect of Individual, Simultaneous and Sequential Inoculation of <i>Pseudomonas fluorescens</i> and <i>Meloidogyne incognita</i> on Growth, Biochemical, Enzymatic and Nonenzymatic Antioxidants of Tomato ( <i>Solanum lycopersicum</i> L.). <i>Plants</i> , 2021, 10, 1145.	1.6	5
20	Influence of organic additives on the incidence of root-knot nematode, <i>Meloidogyne javanica</i> in roots of tomato plants. <i>Archives of Phytopathology and Plant Protection</i> , 2010, 43, 168-173.	0.6	4
21	Assessment of nematicidal efficacy of chitosan in combination with botanicals against <i>Meloidogyne incognita</i> on carrot. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2021, 71, 225-236.	0.3	4
22	Root-Knot Disease Suppression in Eggplant Based on Three Growth Ages of <i>Ganoderma lucidum</i> . <i>Microorganisms</i> , 2022, 10, 1068.	1.6	4
23	Rapid and sensitive detection of bacteria via platinum-labeled antibodies and on-particle ionization and enrichment prior to MALDI-TOF mass spectrometry. <i>Mikrochimica Acta</i> , 2013, 180, 485-492.	2.5	3
24	dl- $\beta$ -Amino butyric acid induced resistance in tomato against root-knot nematode <i>Meloidogyne incognita</i> under salt stress condition. <i>Indian Phytopathology</i> , 2021, 74, 839-842.	0.7	2
25	Supplementing <i>Pochonia chlamydosporia</i> with botanicals for management of <i>Meloidogyne incognita</i> infesting chickpea. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2022, 72, 164-175.	0.3	2
26	<i>Trichoderma virens</i> mitigates the root-knot disease progression in the chickpea plant. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2022, 72, 775-787.	0.3	2
27	Use of weed plants against <i>Meloidogyne incognita</i> in spinach involves reduction of gall disease from roots. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2021, 71, 498-506.	0.3	1
28	Elicitation of resistance through the exploration of acibenzolar-S-methyl (ASM) against <i>Meloidogyne incognita</i> in tomato under salt stress condition. <i>Environmental Sustainability</i> , 2020, 3, 313-318.	1.4	0