Mohammad Arif

List of Publications by Year in Descending Order

43 papers	455 citations	13 h-index	19 g-index
59 ext. papers	638 ext. citations	3.5 avg, IF	4.03 L-index

#	Paper	IF	Citations
43	Genomic Comparisons and Phenotypic Diversity of Strains Causing Bacterial Soft Rot of Banana in China.. *Frontiers in Plant Science*, **2022**, 13, 822829	6.2	0
42	Genome-informed loop-mediated isothermal amplification assay for specific detection of Pectobacterium parmentieri in infected potato tissues and soil. *Scientific Reports*, **2021**, 11, 21948	4.9	1
41	Multiple internal controls enhance reliability for PCR and real time PCR detection of Rathayibacter toxicus. *Scientific Reports*, **2021**, 11, 8365	4.9	1
40	Multiplex recombinase polymerase amplification assay developed using unique genomic regions for rapid on-site detection of genus Clavibacter and C. nebraskensis. *Scientific Reports*, **2021**, 11, 12017	4.9	4
39	Improved multiplex TaqMan qPCR assay with universal internal control offers reliable and accurate detection of Clavibacter michiganensis. *Journal of Applied Microbiology*, **2021**, 131, 1405-1416	4.7	1
38	Genomic and Phenotypic Biology of Novel Strains of Isolated From Pineapple and Taro in Hawaii: Insights Into Genome Plasticity, Pathogenicity, and Virulence Determinants. *Frontiers in Plant Science*, **2021**, 12, 663851	6.2	2
37	First Report of Pectobacterium brasiliense Causing Soft Rot on Brassica oleracea var. sabellica in Hawaii, United States. *Plant Disease*, **2020**, 104, 2721	1.5	2
36	First Report of Pectobacterium brasiliense Causing Bacterial Soft Rot and Blackleg Diseases of Potato in Hawaii. *Plant Disease*, **2020**, 104, 2515-2515	1.5	1
35	Comparative genomics reveals signature regions used to develop a robust and sensitive multiplex TaqMan real-time qPCR assay to detect the genus Dickeya and Dickeya dianthicola. *Journal of Applied Microbiology*, **2020**, 128, 1703-1719	4.7	6
34	Genome-Informed Recombinase Polymerase Amplification Assay Coupled with a Lateral Flow Device for In-Field Detection of Species. *Plant Disease*, **2020**, 104, 2217-2224	1.5	4
33	First Report of Bacterial Soft Rot and Blackleg on Potato Caused by Pectobacterium parmentieri in Hawaii. *Plant Disease*, **2020**, 104, 970	1.5	7
32	Genomic divergence between Dickeya zeae strain EC2 isolated from rice and previously identified strains, suggests a different rice foot rot strain. *PLoS ONE*, **2020**, 15, e0240908	3.7	2
31	Taxonomy and Phylogenetic Research on Ralstonia solanacearum Species Complex: A Complex Pathogen with Extraordinary Economic Consequences. *Pathogens*, **2020**, 9,	4.5	13
30	Exploring the Use of High-Resolution Melting Analysis and Helicase-Dependent Amplification for Discrimination of Bemisia tabaci (Hemiptera: Aleyrodidae) Cryptic Species and Trialeurodes vaporariorum. *Journal of Economic Entomology*, **2020**, 113, 2511-2520	2.2	1
29	First Report of Dickeya dianthicola as a Causal Agent of Bacterial Soft Rot of Potato in Hawaii. *Plant Disease*, **2019**, 103, 2943-2943	1.5	9
28	Synergetic effect of non-complementary 5' AT-rich sequences on the development of a multiplex TaqMan real-time PCR for specific and robust detection of Clavibacter michiganensis and C. michiganensis subsp. nebraskensis. *PLoS ONE*, **2019**, 14, e0218530	3.7	4
27	Development of a robust, field-deployable loop-mediated isothermal amplification (LAMP) assay for specific detection of potato pathogen Dickeya dianthicola targeting a unique genomic region. *PLoS ONE*, **2019**, 14, e0218868	3.7	22

26	Phylogenetic Analyses of Xanthomonads Causing Bacterial Leaf Spot of Tomato and Pepper: Revealed Homologous Populations Despite Distant Geographical Distribution. *Microorganisms*, **2019**, 7,	4.9	4
25	Genome-Wide Analyses Revealed Remarkable Heterogeneity in Pathogenicity Determinants, Antimicrobial Compounds, and CRISPR-Cas Systems of Complex Phytopathogenic Genus. *Pathogens* , **2019**, 8,	4.5	9
24	Development of a loop-mediated isothermal amplification assay for specific detection of all known subspecies of Clavibacter michiganensis. *Journal of Applied Microbiology*, **2019**, 126, 388-401	4.7	12
23	Development of a genome-informed loop-mediated isothermal amplification assay for rapid and specific detection of Xanthomonas euvesicatoria. *Scientific Reports*, **2018**, 8, 14298	4.9	29
22	Genome-informed diagnostics for specific and rapid detection of Pectobacterium species using recombinase polymerase amplification coupled with a lateral flow device. *Scientific Reports*, **2018**, 8, 15972	4.9	24
21	Single-Target and Multiplex Discrimination of Whiteflies (Hemiptera: Aleyrodidae) Bemisia tabaci and Trialeurodes vaporariorum With Modified Priming Oligonucleotide Thermodynamics. *Journal of Economic Entomology*, **2017**, 110, 1821-1830	2.2	7
20	Development of a Loop-Mediated Isothermal Amplification Assay for the Detection of Dickeya spp. *Phytopathology*, **2017**, 107, 1339-1345	3.8	11
19	Antibacterial Effect of Potassium Tetraborate Tetrahydrate against Soft Rot Disease Agent in Tomato. *Frontiers in Microbiology*, **2017**, 8, 1728	5.7	10
18	A simplified strategy for sensitive detection of Rose rosette virus compatible with three RT-PCR chemistries. *Journal of Virological Methods*, **2016**, 232, 47-56	2.6	22
17	Emergence of a New Population of Rathayibacter toxicus: An Ecologically Complex, Geographically Isolated Bacterium. *PLoS ONE*, **2016**, 11, e0156182	3.7	13
16	Array of Synthetic Oligonucleotides to Generate Unique Multi-Target Artificial Positive Controls and Molecular Probe-Based Discrimination of Liposcelis Species. *PLoS ONE*, **2015**, 10, e0129810	3.7	14
15	Sensitive detection and discrimination method for studying multiple infections of five major plant viruses infecting ornamental plants in nursery environments. *Annals of Applied Biology*, **2015**, 166, 286-296	2.6	7
14	Morphological and comparative genomic analyses of pathogenic and non-pathogenic Fusarium solani isolated from Dalbergia sissoo. *Molecular Biology Reports*, **2015**, 42, 1107-22	2.8	9
13	Primer modification improves rapid and sensitive in vitro and field-deployable assays for detection of high plains virus variants. *Applied and Environmental Microbiology*, **2014**, 80, 320-7	4.8	27
12	Highly Sensitive End-Point PCR and SYBR Green qPCR Detection of Phymatotrichopsis omnivora, Causal Fungus of Cotton Root Rot. *Plant Disease*, **2014**, 98, 1205-1212	1.5	7
11	A multi-target, non-infectious and clonable artificial positive control for routine PCR-based assays. *Journal of Microbiological Methods*, **2013**, 95, 229-34	2.8	6
10	Comparative assessment of 5' A/T-rich overhang sequences with optimal and sub-optimal primers to increase PCR yields and sensitivity. *Molecular Biotechnology*, **2013**, 55, 17-26	3	31
9	Development of a rapid, sensitive, and field-deployable razor ex BioDetection system and quantitative PCR assay for detection of Phymatotrichopsis omnivora using multiple gene targets. *Applied and Environmental Microbiology*, **2013**, 79, 2312-20	4.8	26

8	Molecular phylogeny and pathotyping of Fusarium solani: a causal agent of Dalbergia sissoo decline. *Forest Pathology*, **2013**, 43, 478-487	1.2	4
7	Enhanced reliability and accuracy for field deployable bioforensic detection and discrimination of Xylella fastidiosa subsp. pauca, causal agent of citrus variegated chlorosis using razor ex technology and TaqMan quantitative PCR. *PLoS ONE*, **2013**, 8, e81647	3.7	29
6	PCR and isothermal-based molecular identification of the stored-product psocid pest Lepinotus reticulatus (Psocoptera: Trogiidae). *Journal of Stored Products Research*, **2012**, 49, 184-188	2.5	16
5	Development of specific primers for genus Fusarium and F. solani using rDNA sub-unit and transcription elongation factor (TEF-1) gene. *African Journal of Biotechnology*, **2011**, 11,	0.6	7
4	PCR-Based Identification and Characterization of Fusarium sp. Associated with Mango Malformation. *Biotechnology Research International*, **2011**, 2011, 141649		11
3	A Comparative Analysis of ISSR and RAPD Markers for Study of Genetic Diversity in Shisham (Dalbergia sissoo). *Plant Molecular Biology Reporter*, **2009**, 27, 488-495	1.7	33
2	New plant hosts for group 16SrII, 'Candidatus Phytoplasma aurantifolia' in India. *Plant Pathology*, **2009**, 58, 391-391	2.8	5
1	Comparative genomics reveals signature regions used to develop a robust and sensitive multiplex TaqMan real-time qPCR assay to detect the genus Dickeya and Dickeya dianthicola		1