

# Mohammad Tahir Waheed

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

1,077  
citations

361413

20  
h-index

434195

31  
g-index

38  
all docs

38  
docs citations

38  
times ranked

927  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chloroplast genome of <i>Hibiscus rosa-sinensis</i> (Malvaceae): Comparative analyses and identification of mutational hotspots. <i>Genomics</i> , 2020, 112, 581-591.	2.9	107
2	Chloroplast-derived vaccines against human diseases: achievements, challenges and scopes. <i>Plant Biotechnology Journal</i> , 2011, 9, 527-539.	8.3	98
3	Characterization of <i>Withania somnifera</i> chloroplast genome and its comparison with other selected species of Solanaceae. <i>Genomics</i> , 2020, 112, 1522-1530.	2.9	79
4	Comparative analyses of chloroplast genomes among three Firmiana species: Identification of mutational hotspots and phylogenetic relationship with other species of Malvaceae. <i>Plant Gene</i> , 2019, 19, 100199.	2.3	61
5	Recent developments in therapeutic protein expression technologies in plants. <i>Biotechnology Letters</i> , 2015, 37, 265-279.	2.2	50
6	Plastid expression of a double-pentameric vaccine candidate containing human papillomavirus L1 antigen fused with LTB as adjuvant: transplastomic plants show pleiotropic phenotypes. <i>Plant Biotechnology Journal</i> , 2011, 9, 651-660.	8.3	49
7	Transplastomic expression of a modified human papillomavirus L1 protein leading to the assembly of capsomeres in tobacco: a step towards cost-effective second-generation vaccines. <i>Transgenic Research</i> , 2011, 20, 271-282.	2.4	49
8	Agrobacterium-Mediated Transformation of Tomato with rolB Gene Results in Enhancement of Fruit Quality and Foliar Resistance against Fungal Pathogens. <i>PLoS ONE</i> , 2014, 9, e96979.	2.5	49
9	Correlations among oligonucleotide repeats, nucleotide substitutions, and insertion-deletion mutations in chloroplast genomes of plant family Malvaceae. <i>Journal of Systematics and Evolution</i> , 2021, 59, 388-402.	3.1	43
10	Plastid genomics of <i>Nicotiana</i> (Solanaceae): insights into molecular evolution, positive selection and the origin of the maternal genome of Aztec tobacco ( <i>Nicotiana rustica</i> ). <i>PeerJ</i> , 2020, 8, e9552.	2.0	43
11	How can plant genetic engineering contribute to cost-effective fish vaccine development for promoting sustainable aquaculture?. <i>Plant Molecular Biology</i> , 2013, 83, 33-40.	3.9	42
12	Plastids: The Green Frontiers for Vaccine Production. <i>Frontiers in Plant Science</i> , 2015, 6, 1005.	3.6	36
13	Effect of Rol Genes on Polyphenols Biosynthesis in <i>Artemisia annua</i> and Their Effect on Antioxidant and Cytotoxic Potential of the Plant. <i>Applied Biochemistry and Biotechnology</i> , 2016, 179, 1456-1468.	2.9	34
14	Complete Chloroplast Genomes of <i>Anthurium huixtlense</i> and <i>Pothos scandens</i> (Pothoideae, Araceae): Unique Inverted Repeat Expansion and Contraction Affect Rate of Evolution. <i>Journal of Molecular Evolution</i> , 2020, 88, 562-574.	1.8	33
15	Transformation of <i>Lactuca sativa</i> L. with rol C gene results in increased antioxidant potential and enhanced analgesic, anti-inflammatory and antidepressant activities in vivo. <i>3 Biotech</i> , 2016, 6, 215.	2.2	29
16	Plant-derived vaccines. <i>Human Vaccines and Immunotherapeutics</i> , 2012, 8, 403-406.	3.3	27
17	Chloroplast genome evolution in the <i>Dracunculus</i> clade (Aroideae, Araceae). <i>Genomics</i> , 2021, 113, 183-192.	2.9	27
18	Transformation of Lettuce with rol ABC Genes: Extracts Show Enhanced Antioxidant, Analgesic, Anti-Inflammatory, Antidepressant, and Anticoagulant Activities in Rats. <i>Applied Biochemistry and Biotechnology</i> , 2017, 181, 1179-1198.	2.9	25

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19	Comparative analyses of chloroplast genomes of <i>Theobroma cacao</i> and <i>Theobroma grandiflorum</i> . <i>Biologia</i> (Poland), 2020, 75, 761-771.	1.5	24
20	Comparison of Chloroplast Genomes among Species of Unisexual and Bisexual Clades of the Monocot Family Araceae. <i>Plants</i> , 2020, 9, 737.	3.5	23
21	Need of cost-effective vaccines in developing countries: What plant biotechnology can offer?. SpringerPlus, 2016, 5, 65.	1.2	22
22	A novel chloroplast transformation vector compatible with the Gateway <sup>®</sup> recombination cloning technology. <i>Transgenic Research</i> , 2013, 22, 1273-1278.	2.4	19
23	Chloroplast-based inducible expression of ESAT-6 antigen for development of a plant-based vaccine against tuberculosis. <i>Journal of Biotechnology</i> , 2019, 305, 1-10.	3.8	18
24	Anther culture of <i>Lupinus angustifolius</i> : callus formation and the development of multicellular and embryo-like structures. <i>Plant Growth Regulation</i> , 2012, 66, 145-153.	3.4	16
25	Disease Status of Afghan Refugees and Migrants in Pakistan. <i>Frontiers in Public Health</i> , 2019, 7, 185.	2.7	15
26	Expression of ESAT-6 antigen from <i>Mycobacterium tuberculosis</i> in broccoli: An edible plant. <i>Biotechnology and Applied Biochemistry</i> , 2020, 67, 148-157.	3.1	13
27	Expression of HPV-16 L1 capsomeres with glutathione-S-transferase as a fusion protein in tobacco plastids: An approach for a capsomere-based HPV vaccine. <i>Human Vaccines and Immunotherapeutics</i> , 2014, 10, 2975-2982.	3.3	12
28	Inducible expression of human papillomavirus L1 capsomeres in the plastomes of <i>Nicotiana tabacum</i> : Transplastomic plants develop normal flowers and pollen. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 596-611.	3.1	6
29	CRISPR/Cas9-Mediated Immunity in Plants Against Pathogens. <i>Current Issues in Molecular Biology</i> , 2018, 26, 55-64.	2.4	3
30	Plastidial Expression of 3 $\beta$ -Hydroxysteroid Dehydrogenase and Progesterone 5 $\beta$ -Reductase Genes Confer Enhanced Salt Tolerance in Tobacco. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11736.	4.1	3
31	Optimization of cell suspension culture of transformed and untransformed lettuce for the enhanced production of secondary metabolites and their pharmaceutical evaluation. <i>3 Biotech</i> , 2019, 9, 339.	2.2	2
32	CRISPR/Cas9-Mediated Immunity in Plants Against Pathogens. , 2017, , .		1
33	Isolation of the 3 $\beta$ -HSD promoter from <i>Digitalis ferruginea</i> subsp. <i>ferruginea</i> and its functional characterization in <i>Arabidopsis thaliana</i> . <i>Molecular Biology Reports</i> , 0, , .	2.3	0