

# Miguel Martínez-Trujillo

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

395  
citations

933447

10  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

540  
citing authors

#	ARTICLE	IF	CITATIONS
1	Germline Variants in Cancer Genes from Young Breast Cancer Mexican Patients. <i>Cancers</i> , 2022, 14, 1647.	3.7	5
2	An Updated Review on the Modulation of Carbon Partitioning and Allocation in Arbuscular Mycorrhizal Plants. <i>Microorganisms</i> , 2022, 10, 75.	3.6	19
3	Traumatic ducts size varies genetically and is positively associated to resin yield of <i>Pinus oocarpa</i> open-pollinated progenies. <i>Silvae Genetica</i> , 2022, 71, 10-19.	0.8	2
4	<i>Trichoderma atroviride</i> emitted volatiles improve growth of <i>Arabidopsis</i> seedlings through modulation of sucrose transport and metabolism. <i>Plant, Cell and Environment</i> , 2021, 44, 1961-1976.	5.7	31
5	Changes induced by lead in root system architecture of <i>Arabidopsis</i> seedlings are mediated by PDR2-LPR1/2 phosphate dependent way. <i>BioMetals</i> , 2021, 34, 603-620.	4.1	0
6	Differential strategies of two species of arbuscular mycorrhizal fungi in the protection of maize plants grown in chromium-contaminated soils. <i>BioMetals</i> , 2021, 34, 1247-1261.	4.1	8
7	Mutation of <i>MEDIATOR</i> and chromate trigger twinning of the primary root meristem in <i>Arabidopsis</i> . <i>Plant, Cell and Environment</i> , 2020, 43, 1989-1999.	5.7	13
8	YUCCA4 overexpression modulates auxin biosynthesis and transport and influences plant growth and development via crosstalk with abscisic acid in <i>Arabidopsis thaliana</i> . <i>Genetics and Molecular Biology</i> , 2020, 43, e20190221.	1.3	18
9	Parámetros genéticos de caracteres de crecimiento en un ensayo de progenies de <i>Pinus oocarpa</i> . <i>Madera Bosques</i> , 2020, 26, .	0.2	4
10	Total Chromium Captured by Maize ( <i>Zea Mays</i> ) Plants is Increased by Phosphate and Iron Supplementation in the Soil. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 615-625.	1.4	4
11	Sucrose Protects <i>Arabidopsis</i> Roots from Chromium Toxicity Influencing the Auxin-Plethora Signaling Pathway and Improving Meristematic Cell Activity. <i>Journal of Plant Growth Regulation</i> , 2018, 37, 530-538.	5.1	9
12	Fungal diversity in the roots of four epiphytic orchids endemic to Southwest Mexico is related to the breadth of plant distribution. <i>Rhizosphere</i> , 2018, 7, 49-56.	3.0	13
13	Temporal root responses in <i>Arabidopsis thaliana</i> L. to chromate reveal structural and regulatory mechanisms involving the SOLITARY ROOT/IAA14 repressor for maintenance of identity meristem genes. <i>Plant Growth Regulation</i> , 2018, 86, 251-262.	3.4	5
14	Characterization of mycorrhizal fungi of the genus <i>Tulasnella</i> (Tulasnellaceae,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (Basid Reserve, Mexico. <i>Anales Del Jardin Botanico De Madrid</i> , 2018, 75, 075.	0.4	0
15	<i>Arabidopsis thaliana</i> sucrose phosphate synthase ( <i>sps</i> ) genes are expressed differentially in organs and tissues, and their transcription is regulated by osmotic stress. <i>Gene Expression Patterns</i> , 2017, 25-26, 92-101.	0.8	30
16	Chromate induces adventitious root formation via auxin signalling and SOLITARY-ROOT/IAA14 gene function in <i>Arabidopsis thaliana</i> . <i>BioMetals</i> , 2015, 28, 353-365.	4.1	21
17	Effect of mineral nutrients on the uptake of Cr(VI) by maize plants. <i>New Biotechnology</i> , 2015, 32, 396-402.	4.4	14
18	Phosphate relieves chromium toxicity in <i>Arabidopsis thaliana</i> plants by interfering with chromate uptake. <i>BioMetals</i> , 2014, 27, 363-370.	4.1	48

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19	Chromate alters root system architecture and activates expression of genes involved in iron homeostasis and signaling in <i>Arabidopsis thaliana</i> . <i>Plant Molecular Biology</i> , 2014, 86, 35-50.	3.9	22
20	Improving transformation efficiency of <i>Arabidopsis thaliana</i> by modifying the floral dip method. <i>Plant Molecular Biology Reporter</i> , 2004, 22, 63-70.	1.8	129