

# Roberto De La Torre-Roche

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1134685/publications.pdf>

Version: 2024-02-01

16  
papers

1,771  
citations

516710

16  
h-index

940533

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1993  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of the use of engineered nanomaterials to suppress plant disease and enhance crop yield. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	501
2	Multiwalled Carbon Nanotubes and C <sub>60</sub> Fullerenes Differentially Impact the Accumulation of Weathered Pesticides in Four Agricultural Plants. <i>Environmental Science &amp; Technology</i> , 2013, 47, 12539-12547.	10.0	215
3	Effect of Metalloid and Metal Oxide Nanoparticles on Fusarium Wilt of Watermelon. <i>Plant Disease</i> , 2018, 102, 1394-1401.	1.4	135
4	Copper Based Nanomaterials Suppress Root Fungal Disease in Watermelon ( <i>Citrullus lanatus</i> ): Role of Particle Morphology, Composition and Dissolution Behavior. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 14847-14856.	6.7	133
5	Fullerene-Enhanced Accumulation of p,p'-DDE in Agricultural Crop Species. <i>Environmental Science &amp; Technology</i> , 2012, 46, 9315-9323.	10.0	114
6	Advanced material modulation of nutritional and phytohormone status alleviates damage from soybean sudden death syndrome. <i>Nature Nanotechnology</i> , 2020, 15, 1033-1042.	31.5	98
7	Impact of Ag Nanoparticle Exposure on p,p'-DDE Bioaccumulation by <i>Cucurbita pepo</i> (Zucchini) and <i>Glycine max</i> (Soybean). <i>Environmental Science &amp; Technology</i> , 2013, 47, 718-725.	10.0	95
8	Molecular Response of Crop Plants to Engineered Nanomaterials. <i>Environmental Science &amp; Technology</i> , 2016, 50, 7198-7207.	10.0	73
9	Weathering in soil increases nanoparticle CuO bioaccumulation within a terrestrial food chain. <i>Nanotoxicology</i> , 2017, 11, 98-111.	3.0	72
10	Time-Dependent Transcriptional Response of Tomato ( <i>Solanum lycopersicum</i> L.) to Cu Nanoparticle Exposure upon Infection with <i>Fusarium oxysporum</i> f. sp. <i>lycopersici</i> . <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10064-10074.	6.7	69
11	Impact of non-functionalized and amino-functionalized multiwall carbon nanotubes on pesticide uptake by lettuce ( <i>Lactuca sativa</i> L.). <i>Nanotoxicology</i> , 2015, 9, 172-180.	3.0	62
12	Exposure of agricultural crops to nanoparticle CeO <sub>2</sub> in biochar-amended soil. <i>Plant Physiology and Biochemistry</i> , 2017, 110, 147-157.	5.8	55
13	Seed Biofortification by Engineered Nanomaterials: A Pathway To Alleviate Malnutrition?. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 12189-12202.	5.2	53
14	Exposure of <i>Cucurbita pepo</i> to binary combinations of engineered nanomaterials: physiological and molecular response. <i>Environmental Science: Nano</i> , 2017, 4, 1579-1590.	4.3	40
15	Co-exposure to the food additives SiO <sub>2</sub> (E551) or TiO <sub>2</sub> (E171) and the pesticide boscalid increases cytotoxicity and bioavailability of the pesticide in a tri-culture small intestinal epithelium model: potential health implications. <i>Environmental Science: Nano</i> , 2019, 6, 2786-2800.	4.3	29
16	Copper Oxide Nanomaterial Fate in Plant Tissue: Nanoscale Impacts on Reproductive Tissues. <i>Environmental Science &amp; Technology</i> , 2021, 55, 10769-10783.	10.0	27