

Ali Ozcan

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

319
citations

1040056

9
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

393
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodal Generally Recognized as Safe ZnO/Nanocopper Composite: A Novel Antimicrobial Material for the Management of Citrus Phytopathogens. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 6604-6608.	5.2	57
2	Impact of (nano)formulations on the distribution and wash-off of copper pesticides and fertilisers applied on citrus leaves. <i>Environmental Chemistry</i> , 2019, 16, 401.	1.5	37
3	Antimicrobial nano-zinc oxide-2S albumin protein formulation significantly inhibits growth of <i>Candidatus Liberibacter asiaticus</i> in planta. <i>PLoS ONE</i> , 2018, 13, e0204702.	2.5	35
4	Antimicrobial Magnesium Hydroxide Nanoparticles As an Alternative to Cu Biocide for Crop Protection. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8679-8686.	5.2	35
5	Interaction of Zinc Oxide Nanoparticles with Water: Implications for Catalytic Activity. <i>ACS Applied Nano Materials</i> , 2019, 2, 4257-4266.	5.0	28
6	Zinkicide Is a ZnO-Based Nanoformulation with Bactericidal Activity against <i>Liberibacter crescens</i> in Batch Cultures and in Microfluidic Chambers Simulating Plant Vascular Systems. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	3.1	21
7	Nanoparticles in mitigating gaseous emissions from liquid dairy manure stored under anaerobic condition. <i>Journal of Environmental Sciences</i> , 2019, 76, 26-36.	6.1	19
8	Copper-fixed quat: a hybrid nanoparticle for application as a locally systemic pesticide (LSP) to manage bacterial spot disease of tomato. <i>Nanoscale Advances</i> , 2021, 3, 1473-1483.	4.6	14
9	Synthesis and characterization of novel dual-capped Zn-urea nanofertilizers and application in nutrient delivery in wheat. <i>Environmental Science Advances</i> , 2022, 1, 47-58.	2.7	13
10	Control of Citrus Canker in Greenhouse and Field with a Zinc, Urea, and Peroxide Ternary Solution. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 12393-12401.	5.2	10
11	Fixed-Quat: An Attractive Nonmetal Alternative to Copper Biocides against Plant Pathogens. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 13056-13064.	5.2	9
12	N-acetyl Cysteine Coated Gallium Particles Demonstrate High Potency against <i>Pseudomonas aeruginosa</i> PAO1. <i>Pathogens</i> , 2019, 8, 120.	2.8	7
13	Role of Capping Agents in the Synthesis of Salicylate-Capped Zinc Oxide Nanoparticles. <i>ACS Applied Nano Materials</i> , 2020, 3, 9951-9960.	5.0	7
14	Engineered zinc oxide-based nanotherapeutics boost systemic antibacterial efficacy against phloem-restricted diseases. <i>Environmental Science: Nano</i> , 2022, 9, 2869-2886.	4.3	7
15	A novel Zn chelate (TSOL) that moves systemically in citrus plants inhibits growth and biofilm formation of bacterial pathogens. <i>PLoS ONE</i> , 2019, 14, e0218900.	2.5	6
16	SDS-PAGE for Monitoring the Dissolution of Zinc Oxide Bactericidal Nanoparticles (Zinkicide) in Aqueous Solutions. <i>ACS Omega</i> , 2020, 5, 1402-1407.	3.5	6
17	Multifunctional Surface, Subsurface, and Systemic Therapeutic (MS3T) Formulation for the Control of Citrus Canker. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 10807-10818.	5.2	6
18	Fate of copper in soil: effect of agrochemical (nano)formulations and soil properties. <i>Environmental Science: Nano</i> , 0, , .	4.3	2

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19	Efficacy of Different Nanoparticles in Mitigating Gaseous Emissions from Liquid Dairy Manure Stored Under Anaerobic Condition. , 2017, , .		0
20	Tracking and Detection of Bactericidal Quantum Dots. FASEB Journal, 2019, 33, 785.12.	0.5	0