

Charles H Opperman

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

878
citations

840119

11
h-index

940134

16
g-index

56
all docs

56
docs citations

56
times ranked

1032
citing authors

#	ARTICLE	IF	CITATIONS
1	Toward Sustainable Crop Protection: Aqueous Dispersions of Biodegradable Particles with Tunable Release and Rainfastness. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	6
2	Toward Sustainable Crop Protection: Aqueous Dispersions of Biodegradable Particles with Tunable Release and Rainfastness (<i>Adv. Funct. Mater.</i> 18/2022). <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	0
3	Creating hierarchically porous banana paper-metal organic framework (MOF) composites with multifunctionality. <i>Applied Materials Today</i> , 2022, 28, 101517.	2.3	2
4	Cyst nematode bio-communication with plants: implications for novel management approaches. <i>Pest Management Science</i> , 2021, 77, 1150-1159.	1.7	11
5	Tailored Lignocellulose-Based Biodegradable Matrices with Effective Cargo Delivery for Crop Protection. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 6590-6600.	3.2	12
6	Current Insights into Migratory Endoparasitism: Deciphering the Biology, Parasitism Mechanisms, and Management Strategies of Key Migratory Endoparasitic Phytonematodes. <i>Plants</i> , 2020, 9, 671.	1.6	10
7	Recent advances in biodegradable matrices for active ingredient release in crop protection: Towards attaining sustainability in agriculture. <i>Current Opinion in Colloid and Interface Science</i> , 2020, 48, 121-136.	3.4	55
8	Electrospun Polymer Nanofibers as Seed Coatings for Crop Protection. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 19848-19856.	3.2	46
9	The genome of the migratory nematode, <i>Radopholus similis</i> , reveals signatures of close association to the sedentary cyst nematodes. <i>PLoS ONE</i> , 2019, 14, e0224391.	1.1	13
10	A Draft Genome Sequence of the Burrowing Nematode <i>Radopholus similis</i> . <i>Journal of Nematology</i> , 2019, 51, 1-2.	0.4	4
11	Disparate gain and loss of parasitic abilities among nematode lineages. <i>PLoS ONE</i> , 2017, 12, e0185445.	1.1	50
12	Soybean cyst nematode culture collections and field populations from North Carolina and Missouri reveal high incidences of infection by viruses. <i>PLoS ONE</i> , 2017, 12, e0171514.	1.1	13
13	Genetic Drift, Not Life History or RNAi, Determine Long-Term Evolution of Transposable Elements. <i>Genome Biology and Evolution</i> , 2016, 8, 2964-2978.	1.1	58
14	Development of abamectin loaded lignocellulosic matrices for the controlled release of nematicide for crop protection. <i>Cellulose</i> , 2016, 23, 673-687.	2.4	15
15	Spirotetramat causes an arrest of nematode juvenile development. <i>Nematology</i> , 2016, 18, 121-131.	0.2	14
16	Development of Abamectin Loaded Plant Virus Nanoparticles for Efficacious Plant Parasitic Nematode Control. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 9546-9553.	4.0	76
17	Sequence and genetic map of <i>Meloidogyne hapla</i> : A compact nematode genome for plant parasitism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 14802-14807.	3.3	443
18	THE CAENORHABDITISELEGANS GENOME: A Guide in The Post Genomics Age. <i>Annual Review of Phytopathology</i> , 1999, 37, 247-265.	3.5	45

#	ARTICLE	IF	CITATIONS
19	Wrap-and-plant technology to manage sustainably potato cyst nematodes in East Africa. Nature Sustainability, 0, , .	11.5	5