

Carmit Ziv

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,323
citations

361413

20
h-index

434195

31
g-index

35
all docs

35
docs citations

35
times ranked

1785
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional Roles of Plant Cuticle During Plant-Pathogen Interactions. <i>Frontiers in Plant Science</i> , 2018, 9, 1088.	3.6	162
2	Virocell Metabolism: Metabolic Innovations During Host-Virus Interactions in the Ocean. <i>Trends in Microbiology</i> , 2016, 24, 821-832.	7.7	160
3	Viral infection of the marine alga <i>Emiliania huxleyi</i> triggers lipidome remodeling and induces the production of highly saturated triacylglycerol. <i>New Phytologist</i> , 2016, 210, 88-96.	7.3	98
4	The Nuclear Dbf2-Related Kinase COT1 and the Mitogen-Activated Protein Kinases MAK1 and MAK2 Genetically Interact to Regulate Filamentous Growth, Hyphal Fusion and Sexual Development in <i>Neurospora crassa</i> . <i>Genetics</i> , 2008, 179, 1313-1325.	2.9	91
5	The global nitrogen regulator, FNR1, regulates fungal nutrition-genes and fitness during <i>Fusarium oxysporum</i> pathogenesis. <i>Molecular Plant Pathology</i> , 2006, 7, 485-497.	4.2	71
6	The STE20/Germinal Center Kinase POD6 Interacts with the NDR Kinase COT1 and Is Involved in Polar Tip Extension in <i>Neurospora crassa</i> . <i>Molecular Biology of the Cell</i> , 2006, 17, 4080-4092.	2.1	65
7	RNAi as a potential tool for biotechnological applications in fungi. <i>Applied Microbiology and Biotechnology</i> , 2011, 89, 501-512.	3.6	61
8	Viral serine palmitoyltransferase induces metabolic switch in sphingolipid biosynthesis and is required for infection of a marine alga. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1907-16.	7.1	58
9	Two NDR kinase-MOB complexes function as distinct modules during septum formation and tip extension in <i>Neurospora crassa</i> . <i>Molecular Microbiology</i> , 2009, 74, 707-723.	2.5	56
10	Carbon source affects PKA-dependent polarity of <i>Neurospora crassa</i> in a CRE-1-dependent and independent manner. <i>Fungal Genetics and Biology</i> , 2008, 45, 103-116.	2.1	54
11	Sucrose promotes stem branching through cytokinin. <i>Plant Physiology</i> , 2021, 185, 1708-1721.	4.8	54
12	In plaque-mass spectrometry imaging of a bloom-forming alga during viral infection reveals a metabolic shift towards odd-chain fatty acid lipids. <i>Nature Microbiology</i> , 2019, 4, 527-538.	13.3	52
13	Migration Cues Induce Chromatin Alterations. <i>Traffic</i> , 2007, 8, 1521-1529.	2.7	49
14	Cell elongation and branching are regulated by differential phosphorylation states of the nuclear Dbf2-related kinase COT1 in <i>Neurospora crassa</i> . <i>Molecular Microbiology</i> , 2009, 74, 974-989.	2.5	33
15	The COT1 homologue CPCOT1 regulates polar growth and branching and is essential for pathogenicity in <i>Claviceps purpurea</i> . <i>Fungal Genetics and Biology</i> , 2005, 42, 107-118.	2.1	29
16	Ferrioxamine B Analogues: Targeting the FoxA Uptake System in the Pathogenic <i>Yersinia enterocolitica</i> . <i>Journal of the American Chemical Society</i> , 2005, 127, 1137-1145.	13.7	29
17	Postharvest Storage Techniques and Quality Evaluation of Fruits and Vegetables for Reducing Food Loss. <i>Agronomy</i> , 2021, 11, 1133.	3.0	29
18	Etiolated Stem Branching Is a Result of Systemic Signaling Associated with Sucrose Level. <i>Plant Physiology</i> , 2017, 175, 734-745.	4.8	24

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19	The NDR Kinase DBF-2 Is Involved in Regulation of Mitosis, Conidial Development, and Glycogen Metabolism in <i>Neurospora crassa</i> . <i>Eukaryotic Cell</i> , 2010, 9, 502-513.	3.4	22
20	Synergistic Inhibition of Mycotoxigenic Fungi and Mycotoxin Production by Combination of Pomegranate Peel Extract and Azole Fungicide. <i>Frontiers in Microbiology</i> , 2019, 10, 1919.	3.5	21
21	The N-terminal region of the <i>Neurospora</i> ...NDR kinase COT1 regulates morphology via its interactions with MOB2A/B. <i>Molecular Microbiology</i> , 2013, 90, 383-399.	2.5	20
22	How rootstock/scion combinations affect watermelon fruit quality after harvest?. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 3275-3282.	3.5	18
23	Non-Chemical Approaches to Control Postharvest Gray Mold Disease in Bell Peppers. <i>Agronomy</i> , 2022, 12, 216.	3.0	18
24	Gene Silencing for Functional Analysis: Assessing RNAi as a Tool for Manipulation of Gene Expression. <i>Methods in Molecular Biology</i> , 2010, 638, 77-100.	0.9	14
25	<i>Neurospora crassa</i> Protein Arginine Methyl Transferases Are Involved in Growth and Development and Interact with the NDR Kinase COT1. <i>PLoS ONE</i> , 2013, 8, e80756.	2.5	9
26	Sensitive Detection and Identification of DNA and RNA Using a Patterned Capillary Tube. <i>Analytical Chemistry</i> , 2011, 83, 9418-9423.	6.5	6
27	Sugar-regulated susceptibility of tomato fruit to <i>Colletotrichum</i> and <i>Penicillium</i> requires differential mechanisms of pathogenicity and fruit responses. <i>Environmental Microbiology</i> , 2020, 22, 2870-2891.	3.8	5
28	Self-Cleaning Biomimetic Surfaces—The Effect of Microstructure and Hydrophobicity on Conidia Repellence. <i>Materials</i> , 2022, 15, 2526.	2.9	5
29	Quality and Storability of Trellised Greenhouse-Grown, Winter-Harvested, New Sweet Acorn Squash Hybrids. <i>Agronomy</i> , 2020, 10, 1443.	3.0	3
30	Daytime or Edge-of-Daytime Intra-Canopy Illumination Improves the Fruit Set of Bell Pepper at Passive Conditions in the Winter. <i>Plants</i> , 2022, 11, 424.	3.5	2
31	<i>Solanaceae and Cucurbitaceae Crops.</i> , 2019, , 303-338.		1
32	First Report of Fruit Rot of Sweet Pepper Caused by <i>Cladosporium cladosporioides</i> in Israel. <i>Plant Disease</i> , 2022, 106, 2533.	1.4	1