Edward Sionov

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6530478/publications.pdf

Version: 2024-02-01

44 papers	2,666 citations	257450 24 h-index	265206 42 g-index
44 all docs	44 docs citations	44 times ranked	3188 citing authors

#	Article	IF	Citations
1	Functional roles of LaeA, polyketide synthase, and glucose oxidase in the regulation of ochratoxin A biosynthesis and virulence in Aspergillus carbonarius. Molecular Plant Pathology, 2021, 22, 117-129.	4.2	18
2	Penicillium expansum â€“ Induced release of branched-chain volatile compounds in apple fruit by increasing amino acids accumulation. Postharvest Biology and Technology, 2021, 173, 111432.	6.0	8
3	Special Issue â€œInterplay between Fungal Pathogens and Harvested Crops and Fruitsâ€. Microorganisms, 2021, 9, 553.	3.6	0
4	The Effect of Environmental pH during Trichothecium roseum (Pers.:Fr.) Link Inoculation of Apple Fruits on the Host Differential Reactive Oxygen Species Metabolism. Antioxidants, 2021, 10, 692.	5.1	12
5	Rapid Detection and Quantification of Patulin and Citrinin Contamination in Fruits. Molecules, 2021, 26, 4545.	3.8	11
6	NADPH Oxidase Regulates the Growth and Pathogenicity of Penicillium expansum. Frontiers in Plant Science, 2021, 12, 696210.	3.6	11
7	Analysis of Stored Wheat Grain-Associated Microbiota Reveals Biocontrol Activity among Microorganisms against Mycotoxigenic Fungi. Journal of Fungi (Basel, Switzerland), 2021, 7, 781.	3.5	8
8	Benzothiadiazole treatment inhibits membrane lipid metabolism and straight-chain volatile compound release in Penicillium expansum-inoculated apple fruit. Postharvest Biology and Technology, 2021, 181, 111671.	6.0	24
9	The Wheat Microbiome in Relation to Mycotoxin Occurrence in Stored Grain: An Overview. Plant Pathology in the 21st Century, 2021, , 129-139.	0.9	2
10	Host Factors Modulating Ochratoxin A Biosynthesis during Fruit Colonization by Aspergillus carbonarius. Journal of Fungi (Basel, Switzerland), 2021, 7, 10.	3.5	2
11	Fungi in sands of Mediterranean Sea beaches of Israelâ€”Potential relevance to human health and wellâ€being. Mycoses, 2020, 63, 1255-1261.	4.0	8
12	The pH-Responsive Transcription Factor PacC Governs Pathogenicity and Ochratoxin A Biosynthesis in Aspergillus carbonarius. Frontiers in Microbiology, 2020, 11, 210.	3.5	32
13	Nutritional factors modulating plant and fruit susceptibility to pathogens: BARD workshop, Haifa, Israel, February 25â€“26, 2018. Phytoparasitica, 2020, 48, 317-333.	1.2	0
14	New Insight Into Pathogenicity and Secondary Metabolism of the Plant Pathogen Penicillium expansum Through Deletion of the Epigenetic Reader SntB. Frontiers in Microbiology, 2020, 11, 610.	3.5	35
15	Synergistic Inhibition of Mycotoxigenic Fungi and Mycotoxin Production by Combination of Pomegranate Peel Extract and Azole Fungicide. Frontiers in Microbiology, 2019, 10, 1919.	3.5	21
16	Identification and Toxigenic Potential of Fungi Isolated from Capsicum Peppers. Microorganisms, 2019, 7, 303.	3.6	11
17	Pulmonary Iron Limitation Induced by Exogenous Type I IFN Protects Mice from Cryptococcus gattii Independently of T Cells. MBio, 2019, 10, .	4.1	11
18	Shifts in the Composition of the Microbiota of Stored Wheat Grains in Response to Fumigation. Frontiers in Microbiology, 2019, 10, 1098.	3.5	43

#	Article	IF	Citations
19	Roles of Three Cryptococcus neoformans and Cryptococcus gattii Efflux Pump-Coding Genes in Response to Drug Treatment. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	43
20	Apple Intrinsic Factors Modulating the Global Regulator, LaeA, the Patulin Gene Cluster and Patulin Accumulation During Fruit Colonization by Penicillium expansum. Frontiers in Plant Science, 2018, 9, 1094.	3.6	35
21	Fungal attack and host defence pathways unveiled in nearâ€virulent interactions of Penicillium expansum creA mutants on apples. Molecular Plant Pathology, 2018, 19, 2635-2650.	4.2	66
22	Does the Host Contribute to Modulation of Mycotoxin Production by Fruit Pathogens?. Toxins, 2017, 9, 280.	3.4	13
23	Rapid Detection and Identification of Mycotoxigenic Fungi and Mycotoxins in Stored Wheat Grain. Toxins, 2017, 9, 302.	3.4	74
24	Role of patulin in post-harvest diseases. Fungal Biology Reviews, 2016, 30, 24-32.	4.7	58
25	Type I IFN Induction via Poly-ICLC Protects Mice against Cryptococcosis. PLoS Pathogens, 2015, 11, e1005040.	4.7	28
26	Recognition of seven species in the Cryptococcus gattii/Cryptococcus neoformans species complex. Fungal Genetics and Biology, 2015, 78, 16-48.	2.1	590
27	Activity, Reduced Toxicity, and Scale-Up Synthesis of Amphotericin B-Conjugated Polysaccharide. Biomacromolecules, 2014, 15, 2079-2089.	5.4	25
28	Anti-Candida albicans biofilm effect of novel heterocyclic compounds. Journal of Antimicrobial Chemotherapy, 2014, 69, 416-427.	3.0	33
29	Azole Heteroresistance in Cryptococcus neoformans: Emergence of Resistant Clones with Chromosomal Disomy in the Mouse Brain during Fluconazole Treatment. Antimicrobial Agents and Chemotherapy, 2013, 57, 5127-5130.	3.2	90
30	The Primary Target Organ of Cryptococcus gattii Is Different from That of Cryptococcus neoformans in a Murine Model. MBio, 2012, 3, .	4.1	123
31	Identification of a Cryptococcus neoformans Cytochrome P450 Lanosterol 14Î±-Demethylase (Erg11) Residue Critical for Differential Susceptibility between Fluconazole/Voriconazole and Itraconazole/Posaconazole. Antimicrobial Agents and Chemotherapy, 2012, 56, 1162-1169.	3.2	109
32	Toxicity Mechanisms of Amphotericin B and Its Neutralization by Conjugation with Arabinogalactan. Antimicrobial Agents and Chemotherapy, 2012, 56, 5603-5611.	3.2	56
33	Galactomannanâ€“amphotericin B conjugate: synthesis and biological activity. Polymers for Advanced Technologies, 2011, 22, 119-125.	3.2	12
34	Prevalence of the VNIc genotype of Cryptococcus neoformansâ€ƒ in non-HIV-associated cryptococcosis in the Republic of Korea. FEMS Yeast Research, 2010, 10, 769-778.	2.3	87
35	Cryptococcus neoformans Overcomes Stress of Azole Drugs by Formation of Disomy in Specific Multiple Chromosomes. PLoS Pathogens, 2010, 6, e1000848.	4.7	380
36	Induced production of antifungal naphthoquinones in the pitchers of the carnivorous plant Nepenthes khasiana. Journal of Experimental Botany, 2010, 61, 911-922.	4.8	73

#	Article	IF	Citations
37	Heteroresistance to Fluconazole in Cryptococcus neoformans Is Intrinsic and Associated with Virulence. Antimicrobial Agents and Chemotherapy, 2009, 53, 2804-2815.	3.2	141
38	The fatal fungal outbreak on Vancouver Island is characterized by enhanced intracellular parasitism driven by mitochondrial regulation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12980-12985.	7.1	180
39	Synthesis and Antifungal Activity of a Novel Series of Alkyldimethylamine Cyanoboranes and Their Derivatives. Journal of Medicinal Chemistry, 2006, 49, 4879-4885.	6.4	21
40	Efficacy of amphotericin B or amphotericin Bâ€“intralipid in combination with caspofungin against experimental aspergillosis. Journal of Infection, 2006, 53, 131-139.	3.3	52
41	Antifungal effect and possible mode of activity of a compound from the marine sponge Dysidea herbacea. Journal of Infection, 2005, 50, 453-460.	3.3	40
42	Experimental systemic murine aspergillosis: treatment with polyene and caspofungin combination and G-CSF. Journal of Antimicrobial Chemotherapy, 2005, 56, 594-597.	3.0	52
43	Treatment of murine systemic aspergillosis with polyene-intralipid admixtures. Medical Mycology, 2004, 42, 73-80.	0.7	11
44	Polyene and cytokine treatment of experimental aspergillosis. FEMS Immunology and Medical Microbiology, 2003, 39, 221-227.	2.7	17