Ernestina Castro-Longoria

List of Publications by Year
in descending order

27	1,354	471509 17	526287 27
papers	citations	h-index	g-index

27	27	27	1654
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optimized Synthesis of Small and Stable Silver Nanoparticles Using Intracellular and Extracellular Components of Fungi: An Alternative for Bacterial Inhibition. Antibiotics, 2022, 11, 800.	3.7	20
2	Integrated omics approaches for deciphering antifungal metabolites produced by a novel Bacillus species, B. cabrialesii TE3T, against the spot blotch disease of wheat (Triticum turgidum L. subsp.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	5.1	2
3	Enzymatic characterization of agmatinase (AGM-1) from the filamentous fungus Neurospora crassa. Fungal Genetics and Biology, 2021, 157, 103634.	2.1	1
4	Shape memory hybrid based on polyvinyl alcohol and 0D silver nanoparticles. Polymer Testing, 2020, 90, 106668.	4.8	1
5	Role and dynamics of an agmatinase-like protein (AGM-1) in Neurospora crassa. Fungal Genetics and Biology, 2019, 132, 103264.	2.1	5
6	The role of GYP-3 in cellular morphogenesis of Neurospora crassa: Analyzing its relationship with the polarisome. Fungal Genetics and Biology, 2019, 128, 49-59.	2.1	5
7	Bacillus subtilis TE3: A promising biological control agent against Bipolaris sorokiniana, the causal agent of spot blotch in wheat (Triticum turgidum L. subsp. durum). Biological Control, 2019, 132, 135-143.	3.0	72
8	Dual function of EDTA with silver nanoparticles for root canal treatmentâ€“A novel modification. PLoS ONE, 2018, 13, e0190866.	2.5	25
9	Myconanotechnology to Treat Infectious Diseases: A Perspective. Fungal Biology, 2017, , 235-261.	0.6	2
10	Fungal Biosynthesis of Nanoparticles, a Cleaner Alternative. Fungal Biology, 2016, , 323-351.	0.6	5
11	Hyperparasitism by the bacteriophage (Caudovirales) infecting Candidatus Xenohaliotis californiensis (Rickettsiales-like prokaryote) parasite of wild abalone Haliotis fulgens and Haliotis corrugata from the Peninsula of Baja California, Mexico. Journal of Invertebrate Pathology, 2016, 140, 58-67.	3.2	13
12	Controllable Biosynthesis of Small Silver Nanoparticles Using Fungal Extract. Journal of Biomaterials and Nanobiotechnology, 2016, 07, 118-125.	0.5	32
13	CDC-42 and RAC-1 regulate opposite chemotropisms in Neurospora crassa. Journal of Cell Science, 2014, 127, 1953-1965.	2.0	41
14	Ultrastructural Analysis of Candida albicans When Exposed to Silver Nanoparticles. PLoS ONE, 2014, 9, e108876.	2.5	127
15	SERS Properties of Different Sized and Shaped Gold Nanoparticles Biosynthesized under Different Environmental Conditions by Neurospora crassa Extract. PLoS ONE, 2013, 8, e77486.	2.5	74
16	Comparative Live-Cell Imaging Analyses of SPA-2, BUD-6 and BNI-1 in Neurospora crassa Reveal Novel Features of the Filamentous Fungal Polarisome. PLoS ONE, 2012, 7, e30372.	2.5	36
17	Production of Platinum Nanoparticles and Nanoaggregates Using Neurospora crassa. Journal of Microbiology and Biotechnology, 2012, 22, 1000-1004.	2.1	104
18	Architecture and development of the Neurospora crassa hypha â€“ a model cell for polarized growth. Fungal Biology, 2011, 115, 446-474.	2.5	124

#	Article	IF	Citations
19	Functional Characterization and Cellular Dynamics of the CDC-42 â€“ RAC â€“ CDC-24 Module in Neurospora crassa. PLoS ONE, 2011, 6, e27148.	2.5	58
20	Biosynthesis of silver, gold and bimetallic nanoparticles using the filamentous fungus Neurospora crassa. Colloids and Surfaces B: Biointerfaces, 2011, 83, 42-48.	5.0	377
21	Circadian rhythms in Neurospora crassa: Dynamics of the clock component frequency visualized using a fluorescent reporter. Fungal Genetics and Biology, 2010, 47, 332-341.	2.1	26
22	The polarisome component SPA-2 localizes at the apex of Neurospora crassa and partially colocalizes with the SpitzenkÃ¶rper. Fungal Genetics and Biology, 2009, 46, 551-563.	2.1	39
23	Ontogeny of the SpitzenkÃ¶rper in germlings of Neurospora crassa. Fungal Genetics and Biology, 2007, 44, 492-503.	2.1	49
24	Kinetics of circadian band development in Neurospora crassa. Fungal Genetics and Biology, 2007, 44, 672-681.	2.1	4
25	Egg Production and Hatching Success of Four Acartia Species under Different Temperature and Salinity Regimes. Journal of Crustacean Biology, 2003, 23, 289-299.	0.8	75
26	IDENTIFICATION OF SPECIES OF CALANOID COPEPODS USING A NEW INVARIANT CORRELATION ALGORITHM. Crustaceana, 2001, 74, 1029-1039.	0.3	9
27	ACARTIA BIFILOSA (COPEPODA, CALANOIDA): ACANTHACARTIA OR ACARTIURA?. Crustaceana, 1999, 72, 215-220.	0.3	5