

Ernestina Castro-Longoria

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,354
citations

471509

17
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

1654
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosynthesis of silver, gold and bimetallic nanoparticles using the filamentous fungus <i>Neurospora crassa</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 83, 42-48.	5.0	377
2	Ultrastructural Analysis of <i>Candida albicans</i> When Exposed to Silver Nanoparticles. <i>PLoS ONE</i> , 2014, 9, e108876.	2.5	127
3	Architecture and development of the <i>Neurospora crassa</i> hypha " a model cell for polarized growth. <i>Fungal Biology</i> , 2011, 115, 446-474.	2.5	124
4	Production of Platinum Nanoparticles and Nanoaggregates Using <i>Neurospora crassa</i> . <i>Journal of Microbiology and Biotechnology</i> , 2012, 22, 1000-1004.	2.1	104
5	Egg Production and Hatching Success of Four <i>Acartia</i> Species under Different Temperature and Salinity Regimes. <i>Journal of Crustacean Biology</i> , 2003, 23, 289-299.	0.8	75
6	SERS Properties of Different Sized and Shaped Gold Nanoparticles Biosynthesized under Different Environmental Conditions by <i>Neurospora crassa</i> Extract. <i>PLoS ONE</i> , 2013, 8, e77486.	2.5	74
7	<i>Bacillus subtilis</i> TE3: A promising biological control agent against <i>Bipolaris sorokiniana</i> , the causal agent of spot blotch in wheat (<i>Triticum turgidum</i> L. subsp. <i>durum</i>). <i>Biological Control</i> , 2019, 132, 135-143.	3.0	72
8	Functional Characterization and Cellular Dynamics of the CDC-42 " RAC " CDC-24 Module in <i>Neurospora crassa</i> . <i>PLoS ONE</i> , 2011, 6, e27148.	2.5	58
9	Ontogeny of the Spitzenk"rper in germlings of <i>Neurospora crassa</i> . <i>Fungal Genetics and Biology</i> , 2007, 44, 492-503.	2.1	49
10	CDC-42 and RAC-1 regulate opposite chemotropisms in <i>Neurospora crassa</i> . <i>Journal of Cell Science</i> , 2014, 127, 1953-1965.	2.0	41
11	The polarisome component SPA-2 localizes at the apex of <i>Neurospora crassa</i> and partially colocalizes with the Spitzenk"rper. <i>Fungal Genetics and Biology</i> , 2009, 46, 551-563.	2.1	39
12	Comparative Live-Cell Imaging Analyses of SPA-2, BUD-6 and BNI-1 in <i>Neurospora crassa</i> Reveal Novel Features of the Filamentous Fungal Polarisome. <i>PLoS ONE</i> , 2012, 7, e30372.	2.5	36
13	Controllable Biosynthesis of Small Silver Nanoparticles Using Fungal Extract. <i>Journal of Biomaterials and Nanobiotechnology</i> , 2016, 07, 118-125.	0.5	32
14	Circadian rhythms in <i>Neurospora crassa</i> : Dynamics of the clock component frequency visualized using a fluorescent reporter. <i>Fungal Genetics and Biology</i> , 2010, 47, 332-341.	2.1	26
15	Dual function of EDTA with silver nanoparticles for root canal treatment " A novel modification. <i>PLoS ONE</i> , 2018, 13, e0190866.	2.5	25
16	Integrated omics approaches for deciphering antifungal metabolites produced by a novel <i>Bacillus</i> species, <i>B. cabrialesii</i> TE3T, against the spot blotch disease of wheat (<i>Triticum turgidum</i> L. subsp.) <i>Tj ETQq0 0 0 rgBt.4 Overlook 10 Tf 50</i>		
17	Optimized Synthesis of Small and Stable Silver Nanoparticles Using Intracellular and Extracellular Components of Fungi: An Alternative for Bacterial Inhibition. <i>Antibiotics</i> , 2022, 11, 800.	3.7	20
18	Hyperparasitism by the bacteriophage (<i>Caudovirales</i>) infecting <i>Candidatus Xenohalictis californiensis</i> (Rickettsiales-like prokaryote) parasite of wild abalone <i>Haliotis fulgens</i> and <i>Haliotis corrugata</i> from the Peninsula of Baja California, Mexico. <i>Journal of Invertebrate Pathology</i> , 2016, 140, 58-67.	3.2	13

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19	IDENTIFICATION OF SPECIES OF CALANOID COPEPODS USING A NEW INVARIANT CORRELATION ALGORITHM. Crustaceana, 2001, 74, 1029-1039.	0.3	9
20	ACARTIA BIFILOSA (COPEPODA, CALANOIDA): ACANTHACARTIA OR ACARTIURA?. Crustaceana, 1999, 72, 215-220.	0.3	5
21	Fungal Biosynthesis of Nanoparticles, a Cleaner Alternative. Fungal Biology, 2016, , 323-351.	0.6	5
22	Role and dynamics of an agmatinase-like protein (AGM-1) in Neurospora crassa. Fungal Genetics and Biology, 2019, 132, 103264.	2.1	5
23	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
24	Kinetics of circadian band development in Neurospora crassa. Fungal Genetics and Biology, 2007, 44, 672-681.	2.1	4
25	Myconanotechnology to Treat Infectious Diseases: A Perspective. Fungal Biology, 2017, , 235-261.	0.6	2
26	Shape memory hybrid based on polyvinyl alcohol and OD silver nanoparticles. Polymer Testing, 2020, 90, 106668.	4.8	1
27	Enzymatic characterization of agmatinase (AGM-1) from the filamentous fungus Neurospora crassa. Fungal Genetics and Biology, 2021, 157, 103634.	2.1	1