Tatiany PatrÃ- cia RomÃ£o

List of Publications by Year
in descending order

21 papers	413 citations	840585 11 h-index	752573 20 g-index
21 all docs	21 docs citations	21 times ranked	299 citing authors

#	Article	IF	Citations
1	A second independent resistance mechanism to Bacillus sphaericus binary toxin targets its alpha-glucosidase receptor in Culex quinquefasciatus. FEBS Journal, 2006, 273, 1556-1568.	2.2	61
2	Bacterial Toxins Active against Mosquitoes: Mode of Action and Resistance. Toxins, 2021, 13, 523.	1.5	46
3	Genetic diversity in Brazilian populations of Aedes albopictus. Memorias Do Instituto Oswaldo Cruz, 2002, 97, 871-875.	0.8	45
4	The orthologue to the Cpm1/Cqm1 receptor in Aedes aegypti is expressed as a midgut GPI-anchored Î±-glucosidase, which does not bind to the insecticidal binary toxin. Insect Biochemistry and Molecular Biology, 2010, 40, 604-610.	1.2	36
5	Detection of an Allele Conferring Resistance to <i>Bacillus sphaericus</i> Binary Toxin in <i>Culex quinquefasciatus</i> Populations by Molecular Screening. Applied and Environmental Microbiology, 2009, 75, 1044-1049.	1.4	27
6	Novel Mutations Associated with Resistance to Bacillus sphaericus in a Polymorphic Region of the Culex quinquefasciatus cqm1 Gene. Applied and Environmental Microbiology, 2012, 78, 6321-6326.	1.4	23
7	Non conserved residues between Cqm1 and Aam1 mosquito Î±-glucosidases are critical for the capacity of Cqm1 to bind the Binary toxin from Lysinibacillus sphaericus. Insect Biochemistry and Molecular Biology, 2014, 50, 34-42.	1.2	18
8	The unique Leishmania EIF4E4ÂN-terminus is a target for multiple phosphorylation events and participates in critical interactions required for translation initiation. RNA Biology, 2015, 12, 1209-1221.	1.5	18
9	The N-terminal third of the BinB subunit from the Bacillus sphaericus binary toxin is sufficient for its interaction with midgut receptors in Culex quinquefasciatus. FEMS Microbiology Letters, 2011, 321, 167-174.	0.7	16
10	Polymorphisms in GSTE2 is associated with temephos resistance in Aedes aegypti. Pesticide Biochemistry and Physiology, 2020, 165, 104464.	1.6	16
11	Identification of Cry48Aa/Cry49Aa toxin ligands in the midgut of Culex quinquefasciatus larvae. Insect Biochemistry and Molecular Biology, 2017, 88, 63-70.	1.2	14
12	Coâ€selection and replacement of resistance alleles to <i>LysinibacillusÂsphaericus</i> in a <i>CulexÂquinquefasciatus</i> colony. FEBS Journal, 2015, 282, 3592-3602.	2.2	12
13	Phosphorylation and interactions associated with the control of theLeishmaniaPoly-A Binding Protein 1 (PABP1) function during translation initiation. RNA Biology, 2018, 15, 1-17.	1.5	12
14	A differential transcriptional profile by Culex quinquefasciatus larvae resistant to Lysinibacillus sphaericus IAB59 highlights genes and pathways associated with the resistance phenotype. Parasites and Vectors, 2019, 12, 407.	1.0	12
15	Discovery of 1,2,4-oxadiazole derivatives as a novel class of noncompetitive inhibitors of 3-hydroxykynurenine transaminase (HKT) from Aedes aegypti. Bioorganic and Medicinal Chemistry, 2020, 28, 115252.	1.4	12
16	Functional <i>Bacillus thuringiensis</i> Cyt1Aa Is Necessary To Synergize <i>Lysinibacillus sphaericus</i> Binary Toxin (Bin) against Bin-Resistant and -Refractory Mosquito Species. Applied and Environmental Microbiology, 2020, 86, .	1.4	12
17	EBV and CMV viral load in rheumatoid arthritis and their role in associated SjÃ¶gren's syndrome. Journal of Oral Pathology and Medicine, 2020, 49, 693-700.	1.4	11
18	A new allele conferring resistance to Lysinibacillus sphaericus is detected in low frequency in Culex quinquefasciatus field populations. Parasites and Vectors, 2016, 9, 70.	1.0	8

#	Article	IF	Citations
19	N-glycosylation influences the catalytic activity of mosquito Î±-glucosidases associated with susceptibility or refractoriness toÂ Lysinibacillus sphaericus. Insect Biochemistry and Molecular Biology, 2017, 81, 62-71.	1.2	8
20	RNA secondary structure and nucleotide composition of the conserved hallmark sequence of Leishmania SIDER2 retroposons are essential for endonucleolytic cleavage and mRNA degradation. PLoS ONE, 2017, 12, e0180678.	1.1	3
21	Maternal physical activity prevents the overexpression of hypoxia-inducible factor 1-Î± and cardiorespiratory dysfunction in protein malnourished rats. Scientific Reports, 2019, 9, 14406.	1.6	3