# Tatiany PatrÃ-cia RomÃ£o

List of Publications by Year
in descending order

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

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Bacterial Toxins Active against Mosquitoes: Mode of Action and Resistance. Toxins, 2021, 13, 523. | 1.5 | 46 |
| 2 | 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 |
| 3 | Polymorphisms in GSTE2 is associated with temephos resistance in Aedes aegypti. Pesticide Biochemistry and Physiology, 2020, 165, 104464. | 1.6 | 16 |
| 4 | 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 |
| 5 | Functional Bacillus thuringiensis Cyt1Aa Is Necessary To Synergize Lysinibacillus sphaericus Binary Toxin (Bin) against Bin-Resistant and -Refractory Mosquito Species. Applied and Environmental Microbiology, 2020, 86, . | 1.4 | 12 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | Coâ€selection and replacement of resistance alleles to LysinibacillusÂsphaericus in a CulexÂquinquefasciatus colony. FEBS Journal, 2015, 282, 3592-3602. | 2.2 | 12 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Detection of an Allele Conferring Resistance to Bacillus sphaericus Binary Toxin in Culex quinquefasciatus Populations by Molecular Screening. Applied and Environmental Microbiology, 2009, 75, 1044-1049. | 1.4 | 27 |
| 20 | 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 |
| 21 | Genetic diversity in Brazilian populations of Aedes albopictus. Memorias Do Instituto Oswaldo Cruz, 2002, 97, 871-875. | 0.8 | 45 |