

Giselle Tamayo-Castillo

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

4,405
citations

279798

23
h-index

155660

55
g-index

62
all docs

62
docs citations

62
times ranked

6857
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The Sorcerer II Global Ocean Sampling Expedition: Northwest Atlantic through Eastern Tropical Pacific. <i>PLoS Biology</i> , 2007, 5, e77. | 5.6 | 1,757 |
| 2 | Metagenomic and functional analysis of hindgut microbiota of a wood-feeding higher termite. <i>Nature</i> , 2007, 450, 560-565. | 27.8 | 1,181 |
| 3 | Unusual Microbial Xylanases from Insect Guts. <i>Applied and Environmental Microbiology</i> , 2004, 70, 3609-3617. | 3.1 | 154 |
| 4 | Value of the ethnomedical information for the discovery of plants with antifungal properties. A survey among seven Latin American countries. <i>Journal of Ethnopharmacology</i> , 2010, 127, 137-158. | 4.1 | 101 |
| 5 | Baulamycins A and B, Broad-Spectrum Antibiotics Identified as Inhibitors of Siderophore Biosynthesis in <i>Staphylococcus aureus</i> and <i>Bacillus anthracis</i> . <i>Journal of the American Chemical Society</i> , 2014, 136, 1579-1586. | 13.7 | 100 |
| 6 | Discovery of cahuitamycins as biofilm inhibitors derived from a convergent biosynthetic pathway. <i>Nature Communications</i> , 2016, 7, 10710. | 12.8 | 67 |
| 7 | Natural product based inhibitors of the thioredoxin-thioredoxin reductase system. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 1651-1658. | 2.8 | 61 |
| 8 | Sekikaic Acid and Lobaric Acid Target a Dynamic Interface of the Coactivator CBP/p300. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11258-11262. | 13.8 | 57 |
| 9 | Complementary Cell-Based High-Throughput Screens Identify Novel Modulators of the Unfolded Protein Response. <i>Journal of Biomolecular Screening</i> , 2011, 16, 825-835. | 2.6 | 44 |
| 10 | Asterogynins: Secondary Metabolites from a Costa Rican Endophytic Fungus. <i>Organic Letters</i> , 2010, 12, 4661-4663. | 4.6 | 43 |
| 11 | Titration-Based Screening for Evaluation of Natural Product Extracts: Identification of an Aspulvinone Family of Luciferase Inhibitors. <i>Chemistry and Biology</i> , 2011, 18, 1442-1452. | 6.0 | 43 |
| 12 | Identification of Anziaic Acid, a Lichen Depside from <i>Hypotrachyna</i> sp., as a New Topoisomerase Poison Inhibitor. <i>PLoS ONE</i> , 2013, 8, e60770. | 2.5 | 41 |
| 13 | Inhibition of Tumor Cells Interacting with Stromal Cells by Xanthones Isolated from a Costa Rican <i>Penicillium</i> sp.. <i>Journal of Natural Products</i> , 2012, 75, 793-797. | 3.0 | 36 |
| 14 | A High-Throughput Screen Identifies a New Natural Product with Broad-Spectrum Antibacterial Activity. <i>PLoS ONE</i> , 2012, 7, e31307. | 2.5 | 35 |
| 15 | Potent nor-triterpenoid blockers of the voltage-gated potassium channel Kv1.3 from <i>Spachea correae</i> . <i>Tetrahedron Letters</i> , 1998, 39, 2895-2898. | 1.4 | 34 |
| 16 | Screening of Latin American plants for antiparasitic activities against malaria, Chagas disease, and leishmaniasis. <i>Pharmaceutical Biology</i> , 2010, 48, 545-553. | 2.9 | 33 |
| 17 | Screening of Latin American Plants for Cytotoxic Activity. <i>Pharmaceutical Biology</i> , 2006, 44, 130-140. | 2.9 | 32 |
| 18 | Î ² -Carboline monoterpene glucosides from <i>Palicourea adusta</i> . <i>Phytochemistry</i> , 1999, 52, 1485-1489. | 2.9 | 31 |

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|----|--|-----|-----------|
| 19 | Actinoramide A Identified as a Potent Antimalarial from Titration-Based Screening of Marine Natural Product Extracts. <i>Journal of Natural Products</i> , 2015, 78, 2411-2422. | 3.0 | 30 |
| 20 | Richness of cultivable endophytic fungi along an altitudinal gradient in wet forests of Costa Rica. <i>Fungal Ecology</i> , 2016, 20, 124-131. | 1.6 | 30 |
| 21 | Sesquiterpene lactones and other constituents from <i>Calea prunifolia</i> and <i>C. Peckii</i> . <i>Phytochemistry</i> , 1989, 28, 2415-2418. | 2.9 | 28 |
| 22 | Germacranolides from <i>Mikania guaco</i> . <i>Phytochemistry</i> , 2001, 56, 475-489. | 2.9 | 28 |
| 23 | Borrelidin Induces the Unfolded Protein Response in Oral Cancer Cells and Chop-Dependent Apoptosis. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 1122-1127. | 2.8 | 28 |
| 24 | Germacranolides and other constituents from <i>Ageratina</i> species. <i>Phytochemistry</i> , 1988, 27, 2893-2897. | 2.9 | 26 |
| 25 | Novel Lobophorins Inhibit Oral Cancer Cell Growth and Induce <i>Atf4</i> - and <i>Chop</i> -Dependent Cell Death in Murine Fibroblasts. <i>ACS Medicinal Chemistry Letters</i> , 2015, 6, 877-881. | 2.8 | 26 |
| 26 | Uncovering the Cultivable Microbial Diversity of Costa Rican Beetles and Its Ability to Break Down Plant Cell Wall Components. <i>PLoS ONE</i> , 2014, 9, e113303. | 2.5 | 24 |
| 27 | SEPARATION OF CRUDE PLANT EXTRACTS WITH HIGH SPEED CCC FOR PRIMARY SCREENING IN DRUG DISCOVERY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2001, 24, 1827-1840. | 1.0 | 23 |
| 28 | Phenolic compounds as antiangiogenic CMG2 inhibitors from costa rican endophytic fungi1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5885-5888. | 2.2 | 23 |
| 29 | Molecular data indicate that <i>Rhytidhysterium rufulum</i> (ascomycetes, Patellariales) in Costa Rica consists of four distinct lineages corroborated by morphological and chemical characters. <i>Mycological Research</i> , 2009, 113, 405-416. | 2.5 | 22 |
| 30 | Ent-clerodane derivatives and other constituents from representatives of the subgenus <i>Ageratina</i> . <i>Phytochemistry</i> , 1989, 28, 139-141. | 2.9 | 20 |
| 31 | Diterpenes and sesquiterpenes from <i>Mikania banisteriae</i> . <i>Phytochemistry</i> , 1997, 46, 161-164. | 2.9 | 20 |
| 32 | Naphthalenones and Isocoumarins from a Costa Rican Fungus <i>Xylariaceae</i> sp. CR1546C. <i>Journal of Chemical Research</i> , 2014, 38, 722-725. | 1.3 | 19 |
| 33 | Study of the diversity of culturable actinomycetes in the North Pacific and Caribbean coasts of Costa Rica. <i>Antonie Van Leeuwenhoek</i> , 2009, 96, 71-78. | 1.7 | 18 |
| 34 | Subcutaneous antifungal screening of Latin American plant extracts against <i>Sporothrix schenckii</i> and <i>Fonsecaea pedrosoi</i> . <i>Pharmaceutical Biology</i> , 2011, 49, 907-919. | 2.9 | 16 |
| 35 | Kaurene diterpenes from <i>Mikania vitifolia</i> . <i>Phytochemistry</i> , 1998, 49, 805-809. | 2.9 | 15 |
| 36 | Identification of Protein Kinase C Activation as a Novel Mechanism for RGS2 Protein Upregulation through Phenotypic Screening of Natural Product Extracts. <i>Molecular Pharmacology</i> , 2014, 86, 406-416. | 2.3 | 15 |

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|----|---|------|-----------|
| 37 | Identification of polyphenols from antiviral <i>Chamaecrista nictitans</i> extract using high-resolution LC-ESI-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 5501-5506. | 3.7 | 15 |
| 38 | Ent-Clerodane derivatives from <i>Chromolaena connivens</i> . <i>Phytochemistry</i> , 1989, 28, 641-642. | 2.9 | 13 |
| 39 | Norstictic Acid Is a Selective Allosteric Transcriptional Regulator. <i>Journal of the American Chemical Society</i> , 2021, 143, 9297-9302. | 13.7 | 13 |
| 40 | Diketopiperazines from Costa Rican endolichenic fungus <i>Colpoma</i> sp. CR1465A. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2438-2441. | 2.2 | 10 |
| 41 | Heliangolides from <i>Viguiera sylvatica</i> . <i>Phytochemistry</i> , 1989, 28, 2737-2740. | 2.9 | 9 |
| 42 | Diterpenes from <i>Fleischmannia hymenophylla</i> and <i>Brickellia laciniata</i> . <i>Phytochemistry</i> , 1989, 28, 2741-2744. | 2.9 | 9 |
| 43 | <i>Streptomyces</i> sp. M54: an actinobacteria associated with a neotropical social wasp with high potential for antibiotic production. <i>Antonie Van Leeuwenhoek</i> , 2021, 114, 379-398. | 1.7 | 9 |
| 44 | Phenolic variation among <i>Chamaecrista nictitans</i> subspecies and varieties revealed through UPLC-ESI(-)-MS/MS chemical fingerprinting. <i>Metabolomics</i> , 2019, 15, 14. | 3.0 | 8 |
| 45 | Adipostatins E-J, new potent antimicrobials identified as inhibitors of coenzyme-A biosynthesis. <i>Tetrahedron Letters</i> , 2020, 61, 151469. | 1.4 | 8 |
| 46 | Clibadiolide, a sesquiterpene lactone esterified with a homoditerpene from <i>Clibadium pittierii</i> . <i>Phytochemistry</i> , 1988, 27, 1868-1870. | 2.9 | 7 |
| 47 | Seco-manool and other constituents from <i>Fleischmannia microstemon</i> . <i>Phytochemistry</i> , 1988, 27, 3322-3323. | 2.9 | 6 |
| 48 | (+)- β -copaen-8-one and other constituents from <i>Neomirandea</i> species. <i>Phytochemistry</i> , 1989, 28, 938-940. | 2.9 | 6 |
| 49 | The Combined Use of Alphavirus Replicons and Pseudoinfectious Particles for the Discovery of Antivirals Derived from Natural Products. <i>Journal of Biomolecular Screening</i> , 2015, 20, 673-680. | 2.6 | 6 |
| 50 | Recolecta de artrópodos para prospección de la biodiversidad en el Área de Conservación Guanacaste, Costa Rica. <i>Revista De Biología Tropical</i> , 2014, 52, 119. | 0.4 | 6 |
| 51 | Discovery of nicoyamycin A, an inhibitor of uropathogenic <i>Escherichia coli</i> growth in low iron environments. <i>Chemical Communications</i> , 2017, 53, 12778-12781. | 4.1 | 5 |
| 52 | Oral administration of Costa Rican guava (<i>Psidium friedrichsthalianum</i>) juice induces changes in urinary excretion of energy-related compounds in Wistar rats determined by ¹ H NMR. <i>NFS Journal</i> , 2020, 20, 48-57. | 4.3 | 3 |
| 53 | Isolation of Major Components from the Roots of <i>Godmania aesculifolia</i> and Determination of Their Antifungal Activities. <i>Planta Medica</i> , 2013, 79, 1749-1755. | 1.3 | 1 |
| 54 | Bioactivity of prenylated hydroxybenzoic acids from <i>Piper garagaranum</i> C. DC. <i>Phytochemistry Letters</i> , 2022, 47, 28-33. | 1.2 | 1 |