

Mariana G LÃ³pez

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

254
citations

1040056

9
h-index

1058476

14
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21
all docs

21
docs citations

21
times ranked

345
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Safety assessment of nonbrowning potatoes: opening the discussion about the relevance of substantial equivalence on next generation biotech crops. <i>Plant Biotechnology Journal</i> , 2011, 9, 136-150. | 8.3 | 35 |
| 2 | Metabolic analyses of interspecific tomato recombinant inbred lines for fruit quality improvement. <i>Metabolomics</i> , 2015, 11, 1416-1431. | 3.0 | 35 |
| 3 | The first wave of the COVID-19 epidemic in Spain was associated with early introductions and fast spread of a dominating genetic variant. <i>Nature Genetics</i> , 2021, 53, 1405-1414. | 21.4 | 35 |
| 4 | <i>Mycobacterium tuberculosis</i> clinical isolates carry mutational signatures of host immune environments. <i>Science Advances</i> , 2020, 6, eaba4901. | 10.3 | 33 |
| 5 | South African fireweed <i>Senecio madagascariensis</i> (Asteraceae) in Argentina: relevance of chromosome studies to its systematics. <i>Botanical Journal of the Linnean Society</i> , 2008, 158, 613-620. | 1.6 | 20 |
| 6 | Downregulation of polyphenol oxidase in potato tubers redirects phenylpropanoid metabolism enhancing chlorogenate content and late blight resistance. <i>Molecular Breeding</i> , 2014, 34, 2049-2063. | 2.1 | 19 |
| 7 | A Biologically Inspired Validity Measure for Comparison of Clustering Methods over Metabolic Data Sets. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2012, 9, 706-716. | 3.0 | 14 |
| 8 | Gene evolutionary trajectories in <i>Mycobacterium tuberculosis</i> reveal temporal signs of selection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2113600119. | 7.1 | 13 |
| 9 | Chromosome numbers and meiotic studies in species of <i>Senecio</i> (Asteraceae) from Argentina. <i>Botanical Journal of the Linnean Society</i> , 2005, 148, 465-474. | 1.6 | 12 |
| 10 | Tuberculosis in Liberia: high multidrug-resistance burden, transmission and diversity modelled by multiple importation events. <i>Microbial Genomics</i> , 2020, 6, . | 2.0 | 11 |
| 11 | Chromosome contribution to Andean Polyploid Species of <i>Senecio</i> (Asteraceae), from Argentina. <i>Caryologia</i> , 2002, 55, 27-35. | 0.3 | 8 |
| 12 | Evolutionary and Phenotypic Characterization of Two Spike Mutations in European Lineage 20E of SARS-CoV-2. <i>MBio</i> , 2021, 12, e0231521. | 4.1 | 6 |
| 13 | Fine-grain population structure and transmission patterns of <i>Mycobacterium tuberculosis</i> in southern Mozambique, a high TB/HIV burden area. <i>Microbial Genomics</i> , 2022, 8, . | 2.0 | 4 |
| 14 | Epidemiological, clinical and genomic snapshot of the first 100 B.1.1.7 SARS-CoV-2 cases in Madrid. <i>Journal of Travel Medicine</i> , 2021, 28, . | 3.0 | 3 |
| 15 | Deep cytogenetics analysis reveals meiotic recombination depletion in species of <i>Senecio</i> (Asteraceae). , 2013, 54, 20. | | 1 |