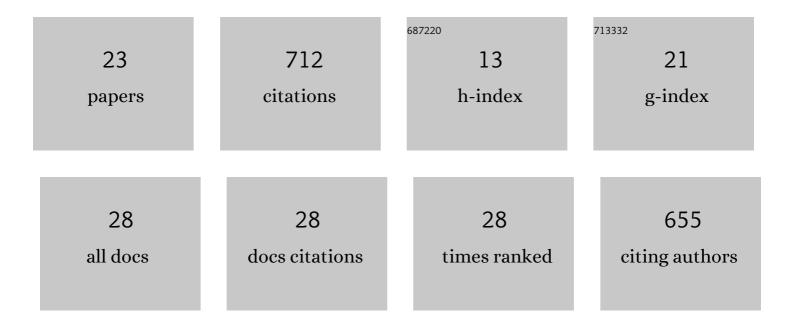
Federico Lopez-Moya

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9294903/publications.pdf

Version: 2024-02-01



| # | Article | IF | CITATIONS |
|----|---|-------------------|--------------|
| 1 | Molecular Mechanisms of Chitosan Interactions with Fungi and Plants. International Journal of Molecular Sciences, 2019, 20, 332. | 1.8 | 157 |
| 2 | Chitosan Increases Tomato Root Colonization by Pochonia chlamydosporia and Their Combination Reduces Root-Knot Nematode Damage. Frontiers in Plant Science, 2017, 8, 1415. | 1.7 | 64 |
| 3 | Induction of auxin biosynthesis and WOX5 repression mediate changes in root development in Arabidopsis exposed to chitosan. Scientific Reports, 2017, 7, 16813. | 1.6 | 61 |
| 4 | Chitosan enhances parasitism of Meloidogyne javanica eggs by the nematophagous fungus Pochonia chlamydosporia. Fungal Biology, 2016, 120, 572-585. | 1.1 | 51 |
| 5 | Some isolates of the nematophagous fungus <i>Pochonia chlamydosporia</i> promote root growth and reduce flowering time of tomato. Annals of Applied Biology, 2015, 166, 472-483. | 1.3 | 50 |
| 6 | Chitosan Induces Plant Hormones and Defenses in Tomato Root Exudates. Frontiers in Plant Science, 2020, 11, 572087. | 1.7 | 50 |
| 7 | Carbon and nitrogen limitation increase chitosan antifungal activity in Neurospora crassa and fungal human pathogens. Fungal Biology, 2015, 119, 154-169. | 1.1 | 41 |
| 8 | Volatile Organic Compounds from Entomopathogenic and Nematophagous Fungi, Repel Banana Black Weevil (Cosmopolites sordidus). Insects, 2020, 11, 509. | 1.0 | 35 |
| 9 | Neurospora crassa transcriptomics reveals oxidative stress and plasma membrane homeostasis biology genes as key targets in response to chitosan. Molecular BioSystems, 2016, 12, 391-403. | 2.9 | 30 |
| 10 | Omics for Investigating Chitosan as an Antifungal and Gene Modulator. Journal of Fungi (Basel,) Tj ETQq0 0 0 rgB | T /Overloc 1.5 | k 10 Tf 50 3 |
| 11 | Cell wall composition plays a key role on sensitivity of filamentous fungi to chitosan. Journal of Basic Microbiology, 2016, 56, 1059-1070. | 1.8 | 23 |
| 12 | Chitosan inhibits septinâ€mediated plant infection by the rice blast fungus <i>Magnaporthe oryzae</i> in a protein kinase C and Nox1 NADPH oxidaseâ€dependent manner. New Phytologist, 2021, 230, 1578-1593. | 3.5 | 21 |
| 13 | Genome and secretome analysis of Pochonia chlamydosporia provide new insight into egg-parasitic mechanisms. Scientific Reports, 2018, 8, 1123. | 1.6 | 20 |
| 14 | Tolerance to chitosan by <i>Trichoderma</i> species is associated with low membrane fluidity. Journal of Basic Microbiology, 2016, 56, 792-800. | 1.8 | 11 |

| 15 | Strain Degeneration in Pleurotus ostreatus: A Genotype Dependent Oxidative Stress Process Which Triggers Oxidative Stress, Cellular Detoxifying and Cell Wall Reshaping Genes. Journal of Fungi (Basel,) Tj ETQq1 | 1 0.7 8431 | 4 ug BT /Over |
|----|--|-------------------|----------------------|
| 16 | Chitosan modulates <i>Pochonia chlamydosporia</i> gene expression during nematode egg parasitism. Environmental Microbiology, 2021, 23, 4980-4997. | 1.8 | 10 |
| 17 | Putative LysM Effectors Contribute to Fungal Lifestyle. International Journal of Molecular Sciences, 2021, 22, 3147. | 1.8 | 10 |
| 18 | Isolates of the Nematophagous Fungus Pochonia chlamydosporia Are Endophytic in Banana Roots and Promote Plant Growth. Agronomy, 2020, 10, 1299. | 1.3 | 9 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Pochonia chlamydosporia: Multitrophic Lifestyles Explained by a Versatile Genome. , 2017, , 197-207. | | 7 |
| 20 | Multidisciplinary Analysis of Cystoseira sensu lato (SE Spain) Suggest a Complex Colonization of the Mediterranean. Journal of Marine Science and Engineering, 2020, 8, 961. | 1.2 | 6 |
| 21 | Chitosan induces differential transcript usage of chitosanase 3 encoding gene (csn3) in the biocontrol fungus Pochonia chlamydosporia 123. BMC Genomics, 2022, 23, 101. | 1.2 | 3 |
| 22 | Detection of Haplosporidium pinnae from Pinna nobilis Faeces. Journal of Marine Science and Engineering, 2022, 10, 276. | 1.2 | 2 |
| 23 | Chitosan Biosynthesis and Degradation: A Way to Modulate Plant Defenses in Endophytic Biocontrol Agents?. Progress in Biological Control, 2020, , 109-125. | 0.5 | 0 |