# Christophe Jacob

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1687721/publications.pdf

Version: 2024-02-01

| 22 | 1,161 | 686830 13 | 713013 21 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 24 | 24 | 24 | 1481 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Extracellular and cellular mechanisms sustaining metal tolerance in ectomycorrhizal fungi. FEMS Microbiology Letters, 2006, 254, 173-181. | 0.7 | 265 |
| 2 | K63-linked ubiquitin chains as a specific signal for protein sorting into the multivesicular body pathway. Journal of Cell Biology, 2009, 185, 493-502. | 2.3 | 229 |
| 3 | Differential responses of ectomycorrhizal fungi to heavy metals in vitro. Mycological Research, 2000, 104, 1366-1371. | 2.5 | 128 |
| 4 | Metal induction of a Paxillus involutus metallothionein and its heterologous expression in Hebeloma cylindrosporum. New Phytologist, 2007, 174, 151-158. | 3.5 | 95 |
| 5 | Molecular cloning, characterization and regulation by cadmium of a superoxide dismutase from the ectomycorrhizal fungusPaxillus involutus. FEBS Journal, 2001, 268, 3223-3232. | 0.2 | 74 |
| 6 | Identification of Genes Differentially Expressed in Extraradical Mycelium and Ectomycorrhizal Roots during Paxillus involutus-Betula pendula Ectomycorrhizal Symbiosis. Applied and Environmental Microbiology, 2005, 71, 382-391. | 1.4 | 62 |
| 7 | Molecular characterization of two ammonium transporters from the ectomycorrhizal fungusHebeloma cylindrosporum. FEBS Letters, 2001, 505, 393-398. | 1.3 | 60 |
| 8 | Transcriptomic responses to cadmium in the ectomycorrhizal fungus Paxillus involutus. FEBS Letters, 2004, 576, 423-427. | 1.3 | 49 |
| 9 | Characterization of Intersubunit Communication in the Virginiamycin trans-Acyl Transferase Polyketide Synthase. Journal of the American Chemical Society, 2016, 138, 4155-4167. | 6.6 | 42 |
| 10 | Evaluating Ketoreductase Exchanges as a Means of Rationally Altering Polyketide Stereochemistry. ChemBioChem, 2015, 16, 1357-1364. | 1.3 | 32 |
| 11 | Characterization and regulation of PiDur3, a permease involved in the acquisition of urea by the ectomycorrhizal fungus Paxillus involutus. Fungal Genetics and Biology, 2008, 45, 912-921. | 0.9 | 31 |
| 12 | Evidence That Glutathione and the Glutathione System Efficiently Recycle 1-Cys Sulfiredoxin In Vivo. Antioxidants and Redox Signaling, 2015, 22, 731-743. | 2.5 | 24 |
| 13 | Insights into a dual function amide oxidase/macrocyclase from lankacidin biosynthesis. Nature Communications, 2018, 9, 3998. | 5.8 | 17 |
| 14 | Thioredoxin 2 fromEscherichia coliis not involvedin vivoin the recycling process of methionine sulfoxide reductase activities. FEBS Letters, 2011, 585, 1905-1909. | 1.3 | 12 |
| 15 | Manipulating polyketide stereochemistry by exchange of polyketide synthase modules. Chemical Communications, 2020, 56, 12749-12752. | 2.2 | 9 |
| 16 | Engineering the stambomycin modular polyketide synthase yields 37-membered mini-stambomycins. Nature Communications, 2022, 13, 515. | 5.8 | 8 |
| 17 | Unpackaging the Roles of Streptomyces Natural Products. Cell Chemical Biology, 2017, 24, 1194-1195. | 2.5 | 7 |
| 18 | Solution Structure and Backbone Dynamics of the Cysteine 103 to Serine Mutant of the N-Terminal Domain of DsbD from Neisseria meningitides. Biochemistry, 2008, 47, 12710-12720. | 1.2 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Formation of the Complex between DsbD and PilB N-Terminal Domains from Neisseria meningitidis Necessitates an Adaptability of nDsbD. Structure, 2009, 17, 1024-1033. | 1.6 | 6 |
| 20 | 1H, 13C, and 15N resonance assignment of the C103S mutant of the N-terminal domain of DsbD from Neisseria meningitidis. Biomolecular NMR Assignments, 2008, 2, 85-87. | 0.4 | 3 |
| 21 | Biochemical and functional characterization of a periplasmic disulfide oxidoreductase from Neisseria meningitidis essential for meningococcal viability. Biochemical Journal, 2015, 468, 271-282. | 1.7 | 1 |
| 22 | Engineering Modular Polyketide Biosynthesis in Streptomyces Using CRISPR/Cas: A Practical Guide. Methods in Molecular Biology, 2022, 2489, 173-200. | 0.4 | 0 |