Christophe Jacob

List of Publications by Year
in descending order

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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	Engineering the stambomycin modular polyketide synthase yields 37-membered mini-stambomycins. Nature Communications, 2022, 13, 515.	5.8	8
2	Engineering Modular Polyketide Biosynthesis in Streptomyces Using CRISPR/Cas: A Practical Guide. Methods in Molecular Biology, 2022, 2489, 173-200.	0.4	0
3	Manipulating polyketide stereochemistry by exchange of polyketide synthase modules. Chemical Communications, 2020, 56, 12749-12752.	2.2	9
4	Insights into a dual function amide oxidase/macrocyclase from lankacidin biosynthesis. Nature Communications, 2018, 9, 3998.	5.8	17
5	Unpackaging the Roles of Streptomyces Natural Products. Cell Chemical Biology, 2017, 24, 1194-1195.	2.5	7
6	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
7	Evaluating Ketoreductase Exchanges as a Means of Rationally Altering Polyketide Stereochemistry. ChemBioChem, 2015, 16, 1357-1364.	1.3	32
8	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
9	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
10	Thioredoxin 2 fromEscherichia coliis not involvedin vivoin the recycling process of methionine sulfoxide reductase activities. FEBS Letters, 2011, 585, 1905-1909.	1.3	12
11	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
12	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
13	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
14	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
15	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
16	Metal induction of a Paxillus involutus metallothionein and its heterologous expression in Hebeloma cylindrosporum. New Phytologist, 2007, 174, 151-158.	3.5	95
17	Extracellular and cellular mechanisms sustaining metal tolerance in ectomycorrhizal fungi. FEMS Microbiology Letters, 2006, 254, 173-181.	0.7	265
18	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

#	Article	IF	Citations
19	Transcriptomic responses to cadmium in the ectomycorrhizal fungus Paxillus involutus. FEBS Letters, 2004, 576, 423-427.	1.3	49
20	Molecular characterization of two ammonium transporters from the ectomycorrhizal fungusHebeloma cylindrosporum. FEBS Letters, 2001, 505, 393-398.	1.3	60
21	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
22	Differential responses of ectomycorrhizal fungi to heavy metals in vitro. Mycological Research, 2000, 104, 1366-1371.	2.5	128