

Pierre Leblond

List of Publications by Year in descending order

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72
papers

2,400
citations

172207

29
h-index

223531

46
g-index

77
all docs

77
docs citations

77
times ranked

2292
citing authors

#	ARTICLE	IF	CITATIONS
1	One-year follow-up of microbial diversity in bioaerosols emitted in a waste sorting plant in France. <i>Waste Management</i> , 2021, 120, 257-268.	3.7	14
2	Elicitation of Antimicrobial Active Compounds by Streptomyces-Fungus Co-Cultures. <i>Microorganisms</i> , 2021, 9, 178.	1.6	10
3	DNA repair Nonhomologous End-Joining in Bacteria. , 2021, , 289-295.		0
4	Dynamics of the compartmentalized Streptomyces chromosome during metabolic differentiation. <i>Nature Communications</i> , 2021, 12, 5221.	5.8	30
5	Telomeric and sub-telomeric regions undergo rapid turnover within a Streptomyces population. <i>Scientific Reports</i> , 2020, 10, 7720.	1.6	15
6	Mining the Biosynthetic Potential for Specialized Metabolism of a Streptomyces Soil Community. <i>Antibiotics</i> , 2020, 9, 271.	1.5	18
7	Negative Correlation between Lipid Content and Antibiotic Activity in Streptomyces: General Rule and Exceptions. <i>Antibiotics</i> , 2020, 9, 280.	1.5	6
8	Genome Sequences of Five Streptomyces Strains Isolated at Microscale. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	1
9	Massive Gene Flux Drives Genome Diversity between Sympatric <i>Streptomyces</i> Conspecifics. <i>MBio</i> , 2019, 10, .	1.8	41
10	Bacterial NHEJ: a never ending story. <i>Molecular Microbiology</i> , 2019, 111, 1139-1151.	1.2	55
11	Characterization of experimental complex fungal bioaerosols: Impact of analytical method on fungal composition measurements. <i>Aerosol Science and Technology</i> , 2019, 53, 146-159.	1.5	10
12	Subtelomeres are fast-evolving regions of the Streptomyces linear chromosome. <i>Microbial Genomics</i> , 2019, 7, .	1.0	9
13	Genome Sequences of 11 Conspecific Streptomyces sp. Strains. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.3	4
14	Genome plasticity is governed by double strand break DNA repair in Streptomyces. <i>Scientific Reports</i> , 2018, 8, 5272.	1.6	68
15	Diversity and antimicrobial activities of Streptomyces isolates from Fetzara Lake, north eastern Algeria. <i>Annales De Biologie Clinique</i> , 2018, 76, 81-95.	0.2	9
16	Draft Whole-Genome Shotgun Sequence of Streptomyces sp. Strain ETH9427. <i>Microbiology Resource Announcements</i> , 2018, 7, .	0.3	1
17	Evolution Underway in Prokaryotes. , 2018, , 339-391.		0
18	Comparative Genomics among Closely Related Streptomyces Strains Revealed Specialized Metabolite Biosynthetic Gene Cluster Diversity. <i>Antibiotics</i> , 2018, 7, 86.	1.5	53

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19	An aminoacylase activity from <i>Streptomyces ambofaciens</i> catalyzes the acylation of lysine on internal position and peptides on N-terminal position. <i>Engineering in Life Sciences</i> , 2018, 18, 589-599.	2.0	12
20	First Metagenomic Survey of the Microbial Diversity in Bioaerosols Emitted in Waste Sorting Plants. <i>Annals of Work Exposures and Health</i> , 2017, 61, 1076-1086.	0.6	60
21	Implication of RuvABC and RecG in homologous recombination in <i>Streptomyces ambofaciens</i> . <i>Research in Microbiology</i> , 2017, 168, 26-35.	1.0	7
22	Multiple and Variable NHEJ-Like Genes Are Involved in Resistance to DNA Damage in <i>Streptomyces ambofaciens</i> . <i>Frontiers in Microbiology</i> , 2016, 7, 1901.	1.5	15
23	Complete Genome Sequence of <i>Streptomyces ambofaciens</i> DSM 40697, a Paradigm for Genome Plasticity Studies. <i>Genome Announcements</i> , 2016, 4, .	0.8	3
24	Role of secondary metabolites in the interaction between <i>Pseudomonas fluorescens</i> and soil microorganisms under iron-limited conditions. <i>FEMS Microbiology Ecology</i> , 2016, 92, fiw107.	1.3	39
25	Whole-cell biosensor of cellobiose and application to wood decay detection. <i>Journal of Biotechnology</i> , 2016, 239, 39-46.	1.9	5
26	Plasmid-like replication of a minimal streptococcal integrative and conjugative element. <i>Microbiology (United Kingdom)</i> , 2016, 162, 622-632.	0.7	15
27	<i>Pseudomonas fluorescens</i> Pirates both Ferrioxamine and Ferricoelichelin Siderophores from <i>Streptomyces ambofaciens</i> . <i>Applied and Environmental Microbiology</i> , 2015, 81, 3132-3141.	1.4	62
28	Complete genome sequence of <i>Streptomyces ambofaciens</i> ATCC 23877, the spiramycin producer. <i>Journal of Biotechnology</i> , 2015, 214, 117-118.	1.9	29
29	Construction of pDYN6902, a new <i>Streptomyces</i> integrative expression vector designed for cloning sequences interfering with <i>Escherichia coli</i> viability. <i>Plasmid</i> , 2015, 82, 43-49.	0.4	4
30	Cytochrome P450-mediated hydroxylation is required for polyketide macrolactonization in stambomycin biosynthesis. <i>Journal of Antibiotics</i> , 2014, 67, 71-76.	1.0	22
31	Genome mining of <i>Streptomyces ambofaciens</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2014, 41, 251-263.	1.4	85
32	The <i>adnAB</i> Locus, Encoding a Putative Helicase-Nuclease Activity, Is Essential in <i>Streptomyces</i> . <i>Journal of Bacteriology</i> , 2014, 196, 2701-2708.	1.0	10
33	Gluconic acid-producing <i>Pseudomonas</i> sp. prevent β -actinorhodin biosynthesis by <i>Streptomyces coelicolor</i> A3(2). <i>Archives of Microbiology</i> , 2014, 196, 619-627.	1.0	10
34	Subtelomere Plasticity in the Bacterium <i>Streptomyces</i> . , 2014, , 243-258.		9
35	A Single Sfp-Type Phosphopantetheinyl Transferase Plays a Major Role in the Biosynthesis of PKS and NRPS Derived Metabolites in <i>Streptomyces ambofaciens</i> ATCC23877. <i>PLoS ONE</i> , 2014, 9, e87607.	1.1	32
36	Taxonomic and functional diversity of <i>Streptomyces</i> in a forest soil. <i>FEMS Microbiology Letters</i> , 2013, 342, 157-167.	0.7	47

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37	An Unprecedented 1,2-Shift in the Biosynthesis of the α -Aminosalicylate Moiety of Antimycins. <i>ChemBioChem</i> , 2012, 13, 769-773.	1.3	31
38	Volatile Lactones from Streptomyces Arise via the Antimycin Biosynthetic Pathway. <i>ChemBioChem</i> , 2012, 13, 1635-1644.	1.3	29
39	In silico prediction of horizontal gene transfer in <i>Streptococcus thermophilus</i> . <i>Archives of Microbiology</i> , 2011, 193, 287-297.	1.0	41
40	Differential regulation of two closely related integrative and conjugative elements from <i>Streptococcus thermophilus</i> . <i>BMC Microbiology</i> , 2011, 11, 238.	1.3	41
41	Characterization and Manipulation of the Pathway-Specific Late Regulator AlpW Reveals <i>Streptomyces ambofaciens</i> as a New Producer of Kinamycins. <i>Journal of Bacteriology</i> , 2011, 193, 1142-1153.	1.0	96
42	Identification of a bioactive 51-membered macrolide complex by activation of a silent polyketide synthase in <i>Streptomyces ambofaciens</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 6258-6263.	3.3	275
43	Diversity and Mobility of Integrative and Conjugative Elements in Bovine Isolates of <i>S. agalactiae</i> , <i>S. dysgalactiae</i> subsp. <i>dysgalactiae</i> , and <i>S. uberis</i> . <i>Applied and Environmental Microbiology</i> , 2010, 76, 7957-7965.	1.4	75
44	A New Data Mining Approach for the Detection of Bacterial Promoters Combining Stochastic and Combinatorial Methods. <i>Journal of Computational Biology</i> , 2009, 16, 1211-1225.	0.8	8
45	An Iterative Nonribosomal Peptide Synthetase Assembles the Pyrrole-Amide Antibiotic Congocidine in <i>Streptomyces ambofaciens</i> . <i>Chemistry and Biology</i> , 2009, 16, 421-431.	6.2	54
46	SIGffRid: A tool to search for sigma factor binding sites in bacterial genomes using comparative approach and biologically driven statistics. <i>BMC Bioinformatics</i> , 2008, 9, 73.	1.2	19
47	Regulation of the Synthesis of the Angucyclinone Antibiotic Alpomycin in <i>Streptomyces ambofaciens</i> by the Autoregulator Receptor AlpZ and Its Specific Ligand. <i>Journal of Bacteriology</i> , 2008, 190, 3293-3305.	1.0	38
48	Intraspecific Variability of the Terminal Inverted Repeats of the Linear Chromosome of <i>Streptomyces ambofaciens</i> . <i>Journal of Bacteriology</i> , 2006, 188, 6599-6610.	1.0	32
49	Evolution of the Terminal Regions of the <i>Streptomyces</i> Linear Chromosome. <i>Molecular Biology and Evolution</i> , 2006, 23, 2361-2369.	3.5	96
50	Characterization of two <i>Streptomyces ambofaciens</i> recA mutants: identification of the RecA protein by immunoblotting. <i>FEMS Microbiology Letters</i> , 2006, 149, 181-187.	0.7	10
51	Multiple biosynthetic and uptake systems mediate siderophore-dependent iron acquisition in <i>Streptomyces coelicolor</i> A3(2) and <i>Streptomyces ambofaciens</i> ATCC 23877. <i>Microbiology (United Kingdom)</i> , 2004, 150, 1471-1481.	1.0	14
52	Involvement of AlpV, a New Member of the <i>Streptomyces</i> Antibiotic Regulatory Protein Family, in Regulation of the Duplicated Type II Polyketide Synthase alp Gene Cluster in <i>Streptomyces ambofaciens</i> . <i>Journal of Bacteriology</i> , 2005, 187, 2491-2500.	1.0	40
53	Differential and Cross-Transcriptional Control of Duplicated Genes Encoding Alternative Sigma Factors in <i>Streptomyces ambofaciens</i> . <i>Journal of Bacteriology</i> , 2004, 186, 5355-5365.	1.0	13
54	Functional Angucycline-Like Antibiotic Gene Cluster in the Terminal Inverted Repeats of the <i>Streptomyces ambofaciens</i> Linear Chromosome. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 575-588.	1.4	65

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55	Spontaneous chromosome circularization and amplification of a new amplifiable unit of DNA belonging to the terminal inverted repeats in <i>Streptomyces ambofaciens</i> ATCC 23877. <i>Archives of Microbiology</i> , 2003, 179, 387-393.	1.0	7
56	End-to-end fusion of linear deleted chromosomes initiates a cycle of genome instability in <i>Streptomyces ambofaciens</i> . <i>Molecular Microbiology</i> , 2003, 50, 411-425.	1.2	30
57	Intragenomic and intraspecific polymorphism of the 16S-23S rDNA internally transcribed sequences of <i>Streptomyces ambofaciens</i> The GenBank accession numbers for the sequences reported in this paper can be found in Table 1.. <i>Microbiology (United Kingdom)</i> , 2002, 148, 633-642.	0.7	16
58	DNA rearrangements at the extremities of the <i>Streptomyces ambofaciens</i> linear chromosome: Evidence for developmental control. <i>Biochimie</i> , 2000, 82, 29-34.	1.3	10
59	Evolution of the linear chromosomal DNA in <i>Streptomyces</i> : is genomic variability developmentally modulated?. <i>Research in Microbiology</i> , 1999, 150, 439-445.	1.0	6
60	Intraclonal polymorphism in the bacterium <i>Streptomyces ambofaciens</i> ATCC23877: evidence for a high degree of heterogeneity of the wild type clones. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1999, 430, 75-85.	0.4	6
61	Modulation of Lipid Metabolism and Spiramycin Biosynthesis in <i>Streptomyces ambofaciens</i> Unstable Mutants. <i>Applied and Environmental Microbiology</i> , 1999, 65, 2730-2737.	1.4	22
62	Chromosome geometry and intraspecific genetic polymorphism in Gram-positive bacteria revealed by pulsed-field gel electrophoresis (minireview). <i>Electrophoresis</i> , 1998, 19, 582-588.	1.3	10
63	Replication of the linear chromosomal DNA from the centrally located oriC of <i>Streptomyces ambofaciens</i> revealed by PFGE gene dosage analysis. <i>Research in Microbiology</i> , 1998, 149, 203-210.	1.0	10
64	Chromosomal arm replacement generates a high level of intraspecific polymorphism in the terminal inverted repeats of the linear chromosomal DNA of <i>Streptomyces ambofaciens</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 14296-14301.	3.3	51
65	Genetic instability and its possible evolutionary implications on the chromosomal structure of <i>Streptomyces</i> . <i>Biochimie</i> , 1997, 79, 555-558.	1.3	9
66	The unstable region of <i>Streptomyces ambofaciens</i> includes 210 kb terminal inverted repeats flanking the extremities of the linear chromosomal DNA. <i>Molecular Microbiology</i> , 1996, 19, 261-271.	1.2	100
67	Mapping of the ribosomal operons on the linear chromosomal DNA of <i>Streptomyces ambofaciens</i> DSM40697. <i>FEMS Microbiology Letters</i> , 1996, 143, 167-173.	0.7	11
68	New insights into the genetic instability of streptomycetes. <i>FEMS Microbiology Letters</i> , 1994, 123, 225-232.	0.7	50
69	The <i>Streptomyces lividans</i> 66 chromosome contains a 1 MB deletogenic region flanked by two amplifiable regions. <i>Molecular Genetics and Genomics</i> , 1993, 241-241, 255-262.	2.4	71
70	Genetic instability and hypervariability in <i>Streptomyces ambofaciens</i> : towards an understanding of a mechanism of genome plasticity. <i>Molecular Microbiology</i> , 1990, 4, 707-714.	1.2	59
71	Pulsed-field gel electrophoresis analysis of the genome of <i>Streptomyces ambofaciens</i> strains. <i>FEMS Microbiology Letters</i> , 1990, 60, 79-88.	0.7	21
72	Unstable Linear Chromosomes: the Case of <i>Streptomyces</i> . , 0, , 235-261.		9