

Valerie Leclere

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

2,153
citations

236612

25
h-index

233125

45
g-index

49
all docs

49
docs citations

49
times ranked

2437
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Nonribosomal Peptide Synthesis Definitely Working Out of the Rules. <i>Microorganisms</i> , 2022, 10, 577. | 1.6 | 14 |
| 2 | Editorial for the Special Issue "Microbial Nonribosomal Synthesis of Secondary Metabolites". <i>Microorganisms</i> , 2022, 10, 1064. | 1.6 | 0 |
| 3 | Bacillus subtilis-based microbial cell factories. , 2021, , 139-164. | | 0 |
| 4 | OUP accepted manuscript. <i>Nucleic Acids Research</i> , 2020, 48, D465-D469. | 6.5 | 51 |
| 5 | Kendrick Mass Defect Approach Combined to NORINE Database for Molecular Formula Assignment of Nonribosomal Peptides. <i>Journal of the American Society for Mass Spectrometry</i> , 2019, 30, 2608-2616. | 1.2 | 3 |
| 6 | Nonribosomal peptides in fungal cell factories: from genome mining to optimized heterologous production. <i>Biotechnology Advances</i> , 2019, 37, 107449. | 6.0 | 24 |
| 7 | Astin C Production by the Endophytic Fungus <i>Cyanoderrella asteris</i> in Planktonic and Immobilized Culture Conditions. <i>Biotechnology Journal</i> , 2019, 14, e1800624. | 1.8 | 7 |
| 8 | rBAN: retro-biosynthetic analysis of nonribosomal peptides. <i>Journal of Cheminformatics</i> , 2019, 11, 13. | 2.8 | 16 |
| 9 | <i>Pseudomonas</i> sp. COW3 Produces New Bananamide-Type Cyclic Lipopeptides with Antimicrobial Activity against <i>Pythium myriotylum</i> and <i>Pyricularia oryzae</i> . <i>Molecules</i> , 2019, 24, 4170. | 1.7 | 27 |
| 10 | Paraburkholderia phytofirmans PsJN-Plants Interaction: From Perception to the Induced Mechanisms. <i>Frontiers in Microbiology</i> , 2018, 9, 2093. | 1.5 | 69 |
| 11 | Bioinformatics tools for the discovery of new lipopeptides with biocontrol applications. <i>European Journal of Plant Pathology</i> , 2018, 152, 993-1001. | 0.8 | 9 |
| 12 | Nonribosomal peptides and polyketides of Burkholderia: new compounds potentially implicated in biocontrol and pharmaceuticals. <i>Environmental Science and Pollution Research</i> , 2018, 25, 29794-29807. | 2.7 | 48 |
| 13 | Lipopeptide biodiversity in antifungal Bacillus strains isolated from Algeria. <i>Archives of Microbiology</i> , 2018, 200, 1205-1216. | 1.0 | 15 |
| 14 | Draft Genome Sequence of Enterococcus faecalis DD14, a Bacteriocinogenic Lactic Acid Bacterium with Anti- Clostridium Activity. <i>Genome Announcements</i> , 2017, 5, . | 0.8 | 5 |
| 15 | High-throughput strategies for the discovery and engineering of enzymes for biocatalysis. <i>Bioprocess and Biosystems Engineering</i> , 2017, 40, 161-180. | 1.7 | 35 |
| 16 | Production of Bacillus amyloliquefaciens OG and its metabolites in renewable media: valorisation for biodiesel production and p-xylene decontamination. <i>Canadian Journal of Microbiology</i> , 2017, 63, 46-60. | 0.8 | 16 |
| 17 | The cyclochlorotine mycotoxin is produced by the nonribosomal peptide synthetase CctN in Talaromyces islandicus (Penicillium islandicum). <i>Environmental Microbiology</i> , 2016, 18, 3728-3741. | 1.8 | 15 |
| 18 | Burkholderia genome mining for nonribosomal peptide synthetases reveals a great potential for novel siderophores and lipopeptides synthesis. <i>MicrobiologyOpen</i> , 2016, 5, 512-526. | 1.2 | 86 |

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|----|--|-----|-----------|
| 19 | Nonribosomal peptide synthetase with a unique iterative-alternative-optional mechanism catalyzes amonabactin synthesis in <i>Aeromonas</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 8453-8463. | 1.7 | 13 |
| 20 | Norine: A powerful resource for novel nonribosomal peptide discovery. <i>Synthetic and Systems Biotechnology</i> , 2016, 1, 89-94. | 1.8 | 28 |
| 21 | Norine, the knowledgebase dedicated to non-ribosomal peptides, is now open to crowdsourcing. <i>Nucleic Acids Research</i> , 2016, 44, D1113-D1118. | 6.5 | 47 |
| 22 | Bioinformatics Tools for the Discovery of New Nonribosomal Peptides. <i>Methods in Molecular Biology</i> , 2016, 1401, 209-232. | 0.4 | 8 |
| 23 | Characterization of Cichopeptins, New Phytotoxic Cyclic Lipodepsipeptides Produced by <i>Pseudomonas cichorii</i> SF1-54 and Their Role in Bacterial Midrib Rot Disease of Lettuce. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 1009-1022. | 1.4 | 35 |
| 24 | Smiles2Monomers: a link between chemical and biological structures for polymers. <i>Journal of Cheminformatics</i> , 2015, 7, 62. | 2.8 | 10 |
| 25 | Prediction of Monomer Isomery in Florine: A Workflow Dedicated to Nonribosomal Peptide Discovery. <i>PLoS ONE</i> , 2014, 9, e85667. | 1.1 | 25 |
| 26 | Prediction of New Bioactive Molecules using a Bayesian Belief Network. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 30-36. | 2.5 | 24 |
| 27 | To settle or to move? The interplay between two classes of cyclic lipopeptides in the biocontrol strain <i>Pseudomonas cichorii</i> CMR12a. <i>Environmental Microbiology</i> , 2014, 16, 2282-2300. | 1.8 | 78 |
| 28 | Identification and biochemical characteristics of lipopeptides from <i>Bacillus mojavensis</i> A21. <i>Process Biochemistry</i> , 2014, 49, 1699-1707. | 1.8 | 70 |
| 29 | New integrated bioprocess for the continuous production, extraction and purification of lipopeptides produced by <i>Bacillus subtilis</i> in membrane bioreactor. <i>Process Biochemistry</i> , 2013, 48, 25-32. | 1.8 | 61 |
| 30 | New Linear Lipopeptides Produced by <i>Pseudomonas cichorii</i> SF1-54 Are Involved in Virulence, Swarming Motility, and Biofilm Formation. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 585-598. | 1.4 | 47 |
| 31 | Production of a novel mixture of mycosubtilins by mutants of <i>Bacillus subtilis</i> . <i>Bioresource Technology</i> , 2013, 145, 264-270. | 4.8 | 36 |
| 32 | A new fingerprint to predict nonribosomal peptides activity. <i>Journal of Computer-Aided Molecular Design</i> , 2012, 26, 1187-1194. | 1.3 | 11 |
| 33 | Structure, biosynthesis, and properties of kurstakins, nonribosomal lipopeptides from <i>Bacillus</i> spp.. <i>Applied Microbiology and Biotechnology</i> , 2012, 95, 593-600. | 1.7 | 72 |
| 34 | Bioinformatics and molecular approaches to detect NRPS genes involved in the biosynthesis of kurstakin from <i>Bacillus thuringiensis</i> . <i>Applied Microbiology and Biotechnology</i> , 2011, 92, 571-581. | 1.7 | 46 |
| 35 | Production of surfactin and fengycin by <i>Bacillus subtilis</i> in a bubbleless membrane bioreactor. <i>Applied Microbiology and Biotechnology</i> , 2010, 87, 499-507. | 1.7 | 98 |
| 36 | Effect of <i>pps</i> disruption and constitutive expression of <i>srfA</i> on surfactin productivity, spreading and antagonistic properties of <i>Bacillus subtilis</i> 168 derivatives. <i>Journal of Applied Microbiology</i> , 2010, 109, 480-491. | 1.4 | 79 |

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|----|--|-----|-----------|
| 37 | Diversity of Monomers in Nonribosomal Peptides: towards the Prediction of Origin and Biological Activity. <i>Journal of Bacteriology</i> , 2010, 192, 5143-5150. | 1.0 | 102 |
| 38 | Structural pattern matching of nonribosomal peptides. <i>BMC Structural Biology</i> , 2009, 9, 15. | 2.3 | 18 |
| 39 | Development of a biological test to evaluate the bioavailability of iron in culture media. <i>Journal of Applied Microbiology</i> , 2009, 107, 1598-1605. | 1.4 | 7 |
| 40 | High-Level Biosynthesis of the Anteiso-C 17 Isoform of the Antibiotic Mycosubtilin in <i>Bacillus subtilis</i> and Characterization of Its Candidacidal Activity. <i>Applied and Environmental Microbiology</i> , 2009, 75, 4636-4640. | 1.4 | 52 |
| 41 | Temperature dependence of mycosubtilin homologue production in <i>Bacillus subtilis</i> ATCC6633. <i>Research in Microbiology</i> , 2008, 159, 449-457. | 1.0 | 30 |
| 42 | NORINE: a database of nonribosomal peptides. <i>Nucleic Acids Research</i> , 2007, 36, D326-D331. | 6.5 | 226 |
| 43 | The lipopeptides mycosubtilin and surfactin enhance spreading of <i>Bacillus subtilis</i> strains by their surface-active properties. <i>Archives of Microbiology</i> , 2006, 186, 475-483. | 1.0 | 93 |
| 44 | Mycosubtilin Overproduction by <i>Bacillus subtilis</i> BBG100 Enhances the Organism's Antagonistic and Biocontrol Activities. <i>Applied and Environmental Microbiology</i> , 2005, 71, 4577-4584. | 1.4 | 328 |
| 45 | Functional significance of a periplasmic Mn-superoxide dismutase from <i>Aeromonas hydrophila</i> . <i>Journal of Applied Microbiology</i> , 2004, 96, 828-833. | 1.4 | 18 |
| 46 | Occurrence of two superoxide dismutases in <i>Aeromonas hydrophila</i> : molecular cloning and differential expression of the <i>sodA</i> and <i>sodB</i> genes. <i>Microbiology (United Kingdom)</i> , 2001, 147, 3105-3111. | 0.7 | 14 |
| 47 | Diversity of Superoxide-Dismutases Among Clinical and Soil Isolates of <i>Streptomyces</i> Species. <i>Current Microbiology</i> , 1999, 39, 365-368. | 1.0 | 33 |
| 48 | Comparison between E1A gene from oncogenic and non-oncogenic adenoviruses in cellular transformation (Ad E1A conserved region). <i>Archives of Virology</i> , 1993, 132, 343-357. | 0.9 | 3 |