# Giorgia Letizia Marcone

List of Publications by Year
in descending order



| 27 | 1,044 | 430843 | 552766 |
|---|---|---|---|
| papers | citations | 18 h-index | 26 g-index |

| 29 | 29 | 29 | 1177 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Old and New Glycopeptide Antibiotics: Action and Resistance. Antibiotics, 2014, 3, 572-594. | 3.7 | 116 |
| 2 | Metagenomics: novel enzymes from non-culturable microbes. FEMS Microbiology Letters, 2017, 364, . | 1.8 | 114 |
| 3 | Glycine Oxidase from Bacillus subtilis. Journal of Biological Chemistry, 2002, 277, 6985-6993. | 3.4 | 96 |
| 4 | Î²-Lactam and glycopeptide antibiotics: first and last line of defense?. Trends in Biotechnology, 2010, 28, 596-604. | 9.3 | 84 |
| 5 | D-amino acids in foods. Applied Microbiology and Biotechnology, 2020, 104, 555-574. | 3.6 | 76 |
| 6 | Evolution of an acylase active on cephalosporin C. Protein Science, 2005, 14, 3064-3076. | 7.6 | 69 |
| 7 | Old and new glycopeptide antibiotics: From product to gene and back in the post-genomic era. Biotechnology Advances, 2018, 36, 534-554. | 11.7 | 45 |
| 8 | Novel Mechanism of Glycopeptide Resistance in the A40926 Producer Nonomuraea sp. ATCC 39727. Antimicrobial Agents and Chemotherapy, 2010, 54, 2465-2472. | 3.2 | 43 |
| 9 | L-serine synthesis via the phosphorylated pathway in humans. Cellular and Molecular Life Sciences, 2020, 77, 5131-5148. | 5.4 | 42 |
| 10 | Protoplast preparation and reversion to the normal filamentous growth in antibiotic-producing uncommon actinomycetes. Journal of Antibiotics, 2010, 63, 83-88. | 2.0 | 40 |
| 11 | Classification of Nonomuraea sp. ATCC 39727, an actinomycete that produces the glycopeptide antibiotic A40926, as Nonomuraea gerenzanensis sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 912-921. | 1.7 | 33 |
| 12 | Actinoplanes teichomyceticus ATCC 31121 as a cell factory for producing teicoplanin. Microbial Cell Factories, 2011, 10, 82. | 4.0 | 32 |
| 13 | Magnetic Nanoconjugated Teicoplanin: A Novel Tool for Bacterial Infection Site Targeting. Frontiers in Microbiology, 2018, 9, 2270. | 3.5 | 31 |
| 14 | Antibacterial Discovery and Development: From Gene to Product and Back. BioMed Research International, 2015, 2015, 1-16. | 1.9 | 30 |
| 15 | Characterization of VanY<sub>n</sub>, a novel D,Dâ€peptidase/D,Dâ€carboxypeptidase involved in glycopeptide antibiotic resistance in Nonomuraea sp. ATCCâ€ƒ39727. FEBS Journal, 2012, 279, 3203-3213. | 4.7 | 29 |
| 16 | Methods for the genetic manipulation of Nonomuraea sp. ATCC 39727. Journal of Industrial Microbiology and Biotechnology, 2010, 37, 1097-1103. | 3.0 | 26 |
| 17 | Relationship between Glycopeptide Production and Resistance in the Actinomycete Nonomuraea sp. ATCC 39727. Antimicrobial Agents and Chemotherapy, 2014, 58, 5191-5201. | 3.2 | 24 |
| 18 | Streptomyces spp. as efficient expression system for a d,d-peptidase/d,d-carboxypeptidase involved in glycopeptide antibiotic resistance. BMC Biotechnology, 2013, 13, 24. | 3.3 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | New Molecular Tools for Regulation and Improvement of A40926 Glycopeptide Antibiotic Production in Nonomuraea gerenzanensis ATCC 39727. Frontiers in Microbiology, 2020, 11, 8. | 3.5 | 19 |
| 20 | Specificity of Induction of Glycopeptide Antibiotic Resistance in the Producing Actinomycetes. Antibiotics, 2018, 7, 36. | 3.7 | 17 |
| 21 | Classification of Actinoplanes sp. ATCC 33076, an actinomycete that produces the glycolipodepsipeptide antibiotic ramoplanin, as Actinoplanes ramoplaninifer sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4181-4188. | 1.7 | 13 |
| 22 | Biochemical and Biophysical Characterization of Recombinant Human 3-Phosphoglycerate Dehydrogenase. International Journal of Molecular Sciences, 2021, 22, 4231. | 4.1 | 10 |
| 23 | Glycine oxidase from Bacillus subtilis: Role of Histidine 244 and Methionine 261. Biochimie, 2007, 89, 1372-1380. | 2.6 | 8 |
| 24 | Antibacterial Properties of D-Amino Acid Oxidase: Impact on the Food Industry. Frontiers in Microbiology, 2019, 10, 2786. | 3.5 | 7 |
| 25 | Description of the bacterial RNA polymerase inhibitor GE23077-producer Actinomadura sp. NRRL B-65521T as Actinomadura lepetitiana sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 4782-4790. | 1.7 | 7 |
| 26 | Microbial Secondary Metabolites. , 2011, , 285-297. | | 6 |
| 27 | Extraction and Analysis of Peptidoglycan Cell Wall Precursors. Methods in Molecular Biology, 2016, 1440, 153-170. | 0.9 | 1 |