

# Jorge González-Bacero

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

141  
citations

1307594

7  
h-index

1199594

12  
g-index

19  
all docs

19  
docs citations

19  
times ranked

222  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of potent and selective inhibitors of the Escherichia coli M1-aminopeptidase via multicomponent solid-phase synthesis of tetrazole-peptidomimetics. <i>European Journal of Medicinal Chemistry</i> , 2019, 163, 481-499.	5.5	29
2	Combinatorial Multicomponent Access to Naturalâ€Productsâ€Inspired Peptidomimetics: Discovery of Selective Inhibitors of Microbial Metalloâ€aminopeptidases. <i>ChemMedChem</i> , 2014, 9, 2351-2359.	3.2	19
3	Plasmodium falciparum M1-Aminopeptidase: A Promising Target for the Development of Antimalarials. <i>Current Drug Targets</i> , 2014, 15, 1144-1165.	2.1	16
4	KBE009: An antimalarial bestatin-like inhibitor of the Plasmodium falciparum M1 aminopeptidase discovered in an Ugi multicomponent reaction-derived peptidomimetic library. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 4628-4636.	3.0	15
5	High-Level Expression in Escherichia coli, Purification and Kinetic Characterization of LAPTc, a Trypanosoma cruzi M17-Aminopeptidase. <i>Protein Journal</i> , 2019, 38, 167-180.	1.6	10
6	Development of a High-Throughput Screening Assay to Identify Inhibitors of the Major M17-Leucyl Aminopeptidase from Trypanosoma cruzi Using RapidFire Mass Spectrometry. <i>SLAS Discovery</i> , 2020, 25, 1064-1071.	2.7	10
7	Rational Design Strategy as a Novel Immobilization Methodology Applied to Lipases and Phospholipases. <i>Methods in Molecular Biology</i> , 2018, 1835, 243-283.	0.9	8
8	Improved purification and enzymatic properties of a mixture of Sticholysin I and II: Isotoxins with hemolytic and phospholipase A2 activities from the sea anemone Stichodactyla helianthus. <i>Protein Expression and Purification</i> , 2014, 95, 57-66.	1.3	7
9	High-level expression in Escherichia coli, purification and kinetic characterization of Plasmodium falciparum M1-aminopeptidase. <i>Protein Expression and Purification</i> , 2014, 104, 103-114.	1.3	5
10	Rational design and synthesis of affinity matrices based on proteases immobilized onto cellulose membranes. <i>Preparative Biochemistry and Biotechnology</i> , 2017, 47, 745-753.	1.9	4
11	Modeling and experimental validation of covalent immobilization of <i>Trametes maxima</i> laccase on glyoxyl and MANAâ€Sepharose CL 4B supports, for the use in bioconversion of residual colorants. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 479-491.	3.1	4
12	Modeling and Experimental Validation of Algorithms for Maximum Quantity of Protein to be Immobilized on Solid Supports by Electrostatic Adsorption in the Strategy of Rational Design of Immobilized Derivatives. <i>Protein Journal</i> , 2021, 40, 576-588.	1.6	3
13	Expression in Escherichia coli, purification and kinetic characterization of LAPLm, a Leishmania major M17-aminopeptidase. <i>Protein Expression and Purification</i> , 2021, 183, 105877.	1.3	3
14	Using microbial metallo-aminopeptidases as targets in human infectious diseases. <i>Microbial Cell</i> , 2021, 8, 239-246.	3.2	3
15	Screening and Immobilization of Interfacial Esterases from Marine Invertebrates as Promising Biocatalyst Derivatives. <i>Applied Biochemistry and Biotechnology</i> , 2019, 189, 903-918.	2.9	2
16	Optimization of theoretical maximal quantity of cells to immobilize on solid supports in the rational design of immobilized derivatives strategy. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 9.	3.6	1
17	KBE009: A Bestatin-Like Inhibitor of the Trypanosoma cruzi Acidic M17 Aminopeptidase with In Vitro Anti-Trypanosomal Activity. <i>Life</i> , 2021, 11, 1037.	2.4	1
18	Bacterial metallo-aminopeptidases as targets in human infectious diseases. <i>Current Drug Targets</i> , 2022, 23, .	2.1	1

#	ARTICLE	IF	CITATIONS
19	Overexpression of Plasmodium falciparum M1 Aminopeptidase Promotes an Increase in Intracellular Proteolysis and Modifies the Asexual Erythrocytic Cycle Development. Pathogens, 2021, 10, 1452.	2.8	0