

Johanna FlÃ³rez-Castillo

List of Publications by Year in descending order

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9
papers

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| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | New PEPTIR-2.0 Peptide Designed for Use as Recognition Element in Electrochemical Biosensors with Improved Specificity towards E. coli O157:H7. <i>Molecules</i> , 2022, 27, 2704. | 3.8 | 7 |
| 2 | Cambios en el perfil proteico de E. coli O157:H7 frente al tratamiento con Ib-M1 e IONP@Ib-M1. <i>Revista Colombiana De Quimica</i> , 2021, 50, 3-12. | 0.4 | 0 |
| 3 | A Bioinspired Peptide in TIR Protein as Recognition Molecule on Electrochemical Biosensors for the Detection of E. coli O157:H7 in an Aqueous Matrix. <i>Molecules</i> , 2021, 26, 2559. | 3.8 | 14 |
| 4 | Ib-M6 Antimicrobial Peptide: Antibacterial Activity against Clinical Isolates of Escherichia coli and Molecular Docking. <i>Antibiotics</i> , 2020, 9, 79. | 3.7 | 8 |
| 5 | Antimicrobial activity of Ib-M peptides against Escherichia coli O157: H7. <i>PLoS ONE</i> , 2020, 15, e0229019. | 2.5 | 13 |
| 6 | Immobilization of Ib-M2 peptide on core@shell nanostructures based on SPION nanoparticles and their antibacterial activity against Escherichia coli O157:H7. <i>Applied Surface Science</i> , 2020, 515, 146045. | 6.1 | 9 |
| 7 | Biopolymeric pellets of polyvinyl alcohol and alginate for the encapsulation of Ib-M6 peptide and its antimicrobial activity against E. coli. <i>Heliyon</i> , 2019, 5, e01872. | 3.2 | 16 |
| 8 | Highly Structured Polyvinyl Alcohol Porous Carriers: Tuning Inherent Stability and Release Kinetics in Water. <i>ACS Omega</i> , 2018, 3, 2390-2395. | 3.5 | 3 |
| 9 | Enhancing Antibacterial Activity Against Escherichia coli K-12 of Peptide Ib-AMP4 with Synthetic Analogues. <i>International Journal of Peptide Research and Therapeutics</i> , 2014, 20, 365. | 1.9 | 8 |