

# Esther Badosa Roma

## List of Publications by Year in descending order

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52  
papers

1,982  
citations

270111

25  
h-index

286692

43  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2231  
citing authors

#	ARTICLE	IF	CITATIONS
1	D-Amino Acid-Containing Lipopeptides Derived from the Lead Peptide BP100 with Activity against Plant Pathogens. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6631.	1.8	10
2	A Bifunctional Peptide Conjugate That Controls Infections of <i>Erwinia amylovora</i> in Pear Plants. <i>Molecules</i> , 2021, 26, 3426.	1.7	9
3	A Bifunctional Synthetic Peptide With Antimicrobial and Plant Elicitation Properties That Protect Tomato Plants From Bacterial and Fungal Infections. <i>Frontiers in Plant Science</i> , 2021, 12, 756357.	1.7	14
4	Antimicrobial Peptides With Antibiofilm Activity Against <i>Xylella fastidiosa</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 753874.	1.5	10
5	Screening and identification of BP100 peptide conjugates active against <i>Xylella fastidiosa</i> using a viability-qPCR method. <i>BMC Microbiology</i> , 2020, 20, 229.	1.3	18
6	Antimicrobial peptide KSL-W and analogues: Promising agents to control plant diseases. <i>Peptides</i> , 2019, 112, 85-95.	1.2	17
7	Biological control of bacterial plant diseases with <i>Lactobacillus plantarum</i> strains selected for their broad-spectrum activity. <i>Annals of Applied Biology</i> , 2019, 174, 92-105.	1.3	92
8	Monitoring Viable Cells of the Biological Control Agent <i>Lactobacillus plantarum</i> PM411 in Aerial Plant Surfaces by Means of a Strain-Specific Viability Quantitative PCR Method. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	1.4	30
9	Antimicrobial activity of linear lipopeptides derived from BP100 towards plant pathogens. <i>PLoS ONE</i> , 2018, 13, e0201571.	1.1	23
10	Enhancing water stress tolerance improves fitness in biological control strains of <i>Lactobacillus plantarum</i> in plant environments. <i>PLoS ONE</i> , 2018, 13, e0190931.	1.1	39
11	Design, synthesis, and biological evaluation of cyclic peptidotriazoles derived from BPC194 as novel agents for plant protection. <i>Biopolymers</i> , 2017, 108, e23012.	1.2	8
12	Production of BP178, a derivative of the synthetic antibacterial peptide BP100, in the rice seed endosperm. <i>BMC Plant Biology</i> , 2017, 17, 63.	1.6	23
13	Rational Design of Cyclic Antimicrobial Peptides Based on BPC194 and BPC198. <i>Molecules</i> , 2017, 22, 1054.	1.7	16
14	Tryptophan-Containing Cyclic Decapeptides with Activity against Plant Pathogenic Bacteria. <i>Molecules</i> , 2017, 22, 1817.	1.7	7
15	Production of Biologically Active Cecropin A Peptide in Rice Seed Oil Bodies. <i>PLoS ONE</i> , 2016, 11, e0146919.	1.1	29
16	Synthetic Cyclolipopeptides Selective against Microbial, Plant and Animal Cell Targets by Incorporation of D-Amino Acids or Histidine. <i>PLoS ONE</i> , 2016, 11, e0151639.	1.1	15
17	Post Harvest Control. , 2015, , 193-202.		3
18	Solid-Phase Synthesis of Peptide Conjugates Derived from the Antimicrobial Cyclic Decapeptide BPC194. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1117-1129.	1.2	6

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19	Production of cecropin A antimicrobial peptide in rice seed endosperm. <i>BMC Plant Biology</i> , 2014, 14, 102.	1.6	63
20	Solid-phase Synthesis of Cyclic Lipopeptidotriazoles. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4785-4794.	1.2	4
21	Antimicrobial Peptides Incorporating Non-Natural Amino Acids as Agents for Plant Protection. <i>Protein and Peptide Letters</i> , 2014, 21, 357-367.	0.4	20
22	Phenotypic comparison of clinical and plant-beneficial strains of <i>Pantoea agglomerans</i> . <i>International Microbiology</i> , 2014, 17, 81-90.	1.1	10
23	Biological control of fire blight of apple and pear with antagonistic <i>Lactobacillus plantarum</i> . <i>European Journal of Plant Pathology</i> , 2013, 137, 621-633.	0.8	54
24	A convenient solid-phase strategy for the synthesis of antimicrobial cyclic lipopeptides. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 3365.	1.5	10
25	Synthesis of Cyclic Peptidotriazoles with Activity Against Phytopathogenic Bacteria. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4933-4943.	1.2	13
26	Derivatives of the Antimicrobial Peptide BP100 for Expression in Plant Systems. <i>PLoS ONE</i> , 2013, 8, e85515.	1.1	48
27	Peptidotriazoles with antimicrobial activity against bacterial and fungal plant pathogens. <i>Peptides</i> , 2012, 33, 9-17.	1.2	18
28	Constitutive expression of transgenes encoding derivatives of the synthetic antimicrobial peptide BP100: impact on rice host plant fitness. <i>BMC Plant Biology</i> , 2012, 12, 159.	1.6	43
29	Multivalent display of the antimicrobial peptides BP100 and BP143. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 2106-2117.	1.3	9
30	Solid-phase Synthesis of 5-arylhistidine-containing Peptides with Antimicrobial Activity Through a Microwave-Assisted Suzuki-Miyaura Cross-Coupling. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4321-4332.	1.2	18
31	Antimicrobial Peptides for Plant Disease Control. From Discovery to Application. <i>ACS Symposium Series</i> , 2012, , 235-261.	0.5	23
32	Prospects and limitations of microbial pesticides for control of bacterial and fungal pomefruit tree diseases. <i>Trees - Structure and Function</i> , 2012, 26, 215-226.	0.9	67
33	Improvement of the Efficacy of Linear Undecapeptides against Plant-Pathogenic Bacteria by Incorporation of D-Amino Acids. <i>Applied and Environmental Microbiology</i> , 2011, 77, 2667-2675.	1.4	51
34	Sporicidal Activity of Synthetic Antifungal Undecapeptides and Control of <i>Penicillium</i> Rot of Apples. <i>Applied and Environmental Microbiology</i> , 2009, 75, 5563-5569.	1.4	55
35	Evaluation of ISO enrichment real-time PCR methods with internal amplification control for detection of <i>Listeria monocytogenes</i> and <i>Salmonella enterica</i> in fresh fruit and vegetables. <i>Letters in Applied Microbiology</i> , 2009, 49, 105-111.	1.0	26
36	Microbiological quality of fresh fruit and vegetable products in Catalonia (Spain) using normalised plate-counting methods and real time polymerase chain reaction (QPCR). <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 605-611.	1.7	60

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37	Growth promotion and biological control of root-knot nematodes in micropropagated banana during the nursery stage by treatment with specific bacterial strains. <i>Annals of Applied Biology</i> , 2008, 152, 41-48.	1.3	14
38	Bioprotection of Golden Delicious apples and Iceberg lettuce against foodborne bacterial pathogens by lactic acid bacteria. <i>International Journal of Food Microbiology</i> , 2008, 123, 50-60.	2.1	148
39	Bioprotective <i>Leuconostoc</i> strains against <i>Listeria monocytogenes</i> in fresh fruits and vegetables. <i>International Journal of Food Microbiology</i> , 2008, 127, 91-98.	2.1	71
40	Lactic acid bacteria from fresh fruit and vegetables as biocontrol agents of phytopathogenic bacteria and fungi. <i>International Microbiology</i> , 2008, 11, 231-6.	1.1	143
41	A library of linear undecapeptides with bactericidal activity against phytopathogenic bacteria. <i>Peptides</i> , 2007, 28, 2276-2285.	1.2	145
42	Epiphytic fitness of a biological control agent of fire blight in apple and pear orchards under Mediterranean weather conditions. <i>FEMS Microbiology Ecology</i> , 2007, 59, 186-193.	1.3	21
43	De novo designed cyclic cationic peptides as inhibitors of plant pathogenic bacteria. <i>Peptides</i> , 2006, 27, 2567-2574.	1.2	57
44	Improvement of cyclic decapeptides against plant pathogenic bacteria using a combinatorial chemistry approach. <i>Peptides</i> , 2006, 27, 2575-2584.	1.2	55
45	Pathogen aggressiveness and postharvest biocontrol efficiency in <i>Pantoea agglomerans</i> . <i>Postharvest Biology and Technology</i> , 2006, 39, 299-307.	2.9	56
46	Inhibition of Plant-Pathogenic Bacteria by Short Synthetic Cecropin A-Melittin Hybrid Peptides. <i>Applied and Environmental Microbiology</i> , 2006, 72, 3302-3308.	1.4	106
47	Assessment of the Environmental Fate of the Biological Control Agent of Fire Blight, <i>Pseudomonas fluorescens</i> EPS62e, on Apple by Culture and Real-Time PCR Methods. <i>Applied and Environmental Microbiology</i> , 2006, 72, 2421-2427.	1.4	58
48	Development of a strain-specific quantitative method for monitoring <i>Pseudomonas fluorescens</i> EPS62e, a novel biocontrol agent of fire blight. <i>FEMS Microbiology Letters</i> , 2005, 249, 343-352.	0.7	51
49	Lack of detection of ampicillin resistance gene transfer from Bt176 transgenic corn to culturable bacteria under field conditions. <i>FEMS Microbiology Ecology</i> , 2004, 48, 169-178.	1.3	39
50	Growth promotion of <i>Prunus</i> rootstocks by root treatment with specific bacterial strains. <i>Plant and Soil</i> , 2003, 255, 555-569.	1.8	21
51	Plant-microbe interactions and the new biotechnological methods of plant disease control. <i>International Microbiology</i> , 2002, 5, 169-175.	1.1	35
52	Peptide Conjugates Derived from flg15, Pep13, and PIP1 That Are Active against Plant-Pathogenic Bacteria and Trigger Plant Defense Responses. <i>Applied and Environmental Microbiology</i> , 0, , .	1.4	1