

Mariela M Marani

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

360
citations

840119

11
h-index

794141

19
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26
all docs

26
docs citations

26
times ranked

429
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular basis of a bacterial-amphibian symbiosis revealed by comparative genomics, modeling, and functional testing. <i>ISME Journal</i> , 2022, 16, 788-800.	4.4	15
2	BR-bombesin: a novel bombesin-related peptide from the skin secretion of the Chaco tree frog (<i>Boana</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.2	2
3	The Arsenal of Bioactive Molecules in the Skin Secretion of Urodele Amphibians. <i>Frontiers in Pharmacology</i> , 2021, 12, 810821.	1.6	5
4	Polyclonal antibody production anti Pc_312-324 peptide. Its potential use in electrochemical immunosensors for transgenic soybean detection. <i>Bioelectrochemistry</i> , 2020, 131, 107397.	2.4	5
5	Identification of New Ocellatin Antimicrobial Peptides by cDNA Precursor Cloning in the Frame of This Family of Intriguing Peptides. <i>Antibiotics</i> , 2020, 9, 751.	1.5	3
6	Somuncurins: Bioactive Peptides from the Skin of the Endangered Endemic Patagonian Frog <i>Pleurodema somuncurensis</i> . <i>Journal of Natural Products</i> , 2020, 83, 972-984.	1.5	8
7	Single step recombinant human growth hormone (rhGH) purification from milk by peptide affinity chromatography. <i>Biotechnology Progress</i> , 2018, 34, 999-1005.	1.3	3
8	Structure and function of a novel antioxidant peptide from the skin of tropical frogs. <i>Free Radical Biology and Medicine</i> , 2018, 115, 68-79.	1.3	52
9	Genetic analysis of signal peptides in amphibian antimicrobial secretions. <i>Journal of Genetics</i> , 2018, 97, 1205-1212.	0.4	7
10	Cleavage of Peptides from Amphibian Skin Revealed by Combining Analysis of Gland Secretion and in Situ MALDI Imaging Mass Spectrometry. <i>ACS Omega</i> , 2018, 3, 5426-5434.	1.6	15
11	Antibacterial activity of novel peptide derived from Cry1Ab16 toxin and development of LbL films for foodborne pathogens control. <i>Materials Science and Engineering C</i> , 2017, 75, 503-509.	3.8	8
12	Peptide selection and antibody generation for the prospective immunorecognition of Cry1Ab16 protein of transgenic maize. <i>Food Chemistry</i> , 2017, 231, 340-347.	4.2	2
13	Cry1A(b)16 toxin from <i>Bacillus thuringiensis</i> : Theoretical refinement of three-dimensional structure and prediction of peptides as molecular markers for detection of genetically modified organisms. <i>Proteins: Structure, Function and Bioinformatics</i> , 2017, 85, 1248-1257.	1.5	3
14	Thaulin-1: The first antimicrobial peptide isolated from the skin of a Patagonian frog <i>Pleurodema thaul</i> (<i>Anura: Leptodactylidae: Leiuperinae</i>) with activity against <i>Escherichia coli</i> . <i>Gene</i> , 2017, 605, 70-80.	1.0	21
15	Peptide isolated from Cry1Ab16 toxin present in <i>Bacillus thuringiensis</i> : Synthesis and morphology data for layer-by-layer films studied by atomic force microscopy. <i>Data in Brief</i> , 2016, 8, 114-119.	0.5	1
16	Layer-by-layer films containing peptides of the Cry1Ab16 toxin from <i>Bacillus thuringiensis</i> for potential biotechnological applications. <i>Materials Science and Engineering C</i> , 2016, 61, 832-841.	3.8	11
17	In silico peptide prediction for antibody generation to recognize 5- <i>enolpyruvylshikimate</i> -phosphate synthase (<sc>EPSPS</sc>) in genetically modified organisms. <i>Biopolymers</i> , 2015, 104, 91-100.	1.2	9
18	Affinity Chromatography Based on a Combinatorial Strategy for rErythropoietin Purification. <i>ACS Combinatorial Science</i> , 2011, 13, 251-258.	3.8	28

#	ARTICLE	IF	CITATIONS
19	Sample preparation for sequencing hits from one-bead-one-peptide combinatorial libraries by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. <i>Analytical Biochemistry</i> , 2010, 400, 295-297.	1.1	23
20	Screening of One-Bead-One-Peptide Combinatorial Library Using Red Fluorescent Dyes. Presence of Positive and False Positive Beads. <i>ACS Combinatorial Science</i> , 2009, 11, 146-150.	3.3	44
21	From the One-Bead-One-Compound Concept to One-Bead-One-Reactor. <i>ACS Combinatorial Science</i> , 2007, 9, 395-398.	3.3	9
22	Identification of protein-binding peptides by direct matrix-assisted laser desorption ionization time-of-flight mass spectrometry analysis of peptide beads selected from the screening of one bead-one peptide combinatorial libraries. <i>Analytical Biochemistry</i> , 2007, 370, 215-222.	1.1	26
23	Solid-Phase Peptide Synthesis Using ChemMatrix [®] , a Polyethylenglycol (PEG)-based Solid. , 2006, , 114-115.		1
24	An efficient strategy for the preparation of one-bead-one-peptide libraries on a new biocompatible solid support. <i>Tetrahedron Letters</i> , 2005, 46, 1561-1564.	0.7	42
25	Isolation of Trypsin from Bovine Pancreas Using Immobilized Benzamidine and Peptide CTPR Ligands in Expanded Beds. <i>Separation Science and Technology</i> , 2005, 40, 3277-3287.	1.3	5
26	A small fraction of dermatan sulfate with significantly increased anticoagulant activity was selected by interaction with the first complement protein. <i>Thrombosis Research</i> , 2004, 113, 243-250.	0.8	12