Mariela M Marani

List of Publications by Year
in descending order

26	360	840119 11	794141 19
papers	citations	h-index	g-index

26	26	26	429
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structure and function of a novel antioxidant peptide from the skin of tropical frogs. Free Radical Biology and Medicine, 2018, 115, 68-79.	1.3	52
2	Screening of One-Bead-One-Peptide Combinatorial Library Using Red Fluorescent Dyes. Presence of Positive and False Positive Beads. ACS Combinatorial Science, 2009, 11, 146-150.	3.3	44
3	An efficient strategy for the preparation of one-bead-one-peptide libraries on a new biocompatible solid support. Tetrahedron Letters, 2005, 46, 1561-1564.	0.7	42
4	Affinity Chromatography Based on a Combinatorial Strategy for rErythropoietin Purification. ACS Combinatorial Science, 2011, 13, 251-258.	3.8	28
5	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 beadâ€“one peptide combinatorial libraries. Analytical Biochemistry, 2007, 370, 215-222.	1.1	26
6	Sample preparation for sequencing hits from one-beadâ€“one-peptide combinatorial libraries by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry. Analytical Biochemistry, 2010, 400, 295-297.	1.1	23
7	Thaulin-1: The first antimicrobial peptide isolated from the skin of a Patagonian frog Pleurodema thaul (Anura: Leptodactylidae: Leiuperinae) with activity against Escherichia coli. Gene, 2017, 605, 70-80.	1.0	21
8	Cleavage of Peptides from Amphibian Skin Revealed by Combining Analysis of Gland Secretion and in Situ MALDI Imaging Mass Spectrometry. ACS Omega, 2018, 3, 5426-5434.	1.6	15
9	Molecular basis of a bacterial-amphibian symbiosis revealed by comparative genomics, modeling, and functional testing. ISME Journal, 2022, 16, 788-800.	4.4	15
10	A small fraction of dermatan sulfate with significantly increased anticoagulant activity was selected by interaction with the first complement protein. Thrombosis Research, 2004, 113, 243-250.	0.8	12
11	Layer-by-layer films containing peptides of the Cry1Ab16 toxin from Bacillus thuringiensis for potential biotechnological applications. Materials Science and Engineering C, 2016, 61, 832-841.	3.8	11
12	From the One-Bead-One-Compound Concept to One-Bead-One-Reactor. ACS Combinatorial Science, 2007, 9, 395-398.	3.3	9
13	In silico peptide prediction for antibody generation to recognize 5â€enolpyruvylshikimateâ€3â€phosphate synthase (<scp>EPSPS</scp>) in genetically modified organisms. Biopolymers, 2015, 104, 91-100.	1.2	9
14	Antibacterial activity of novel peptide derived from Cry1Ab16 toxin and development of LbL films for foodborne pathogens control. Materials Science and Engineering C, 2017, 75, 503-509.	3.8	8
15	Somuncurins: Bioactive Peptides from the Skin of the Endangered Endemic Patagonian Frog Pleurodema somuncurense. Journal of Natural Products, 2020, 83, 972-984.	1.5	8
16	Genetic analysis of signal peptides in amphibian antimicrobial secretions. Journal of Genetics, 2018, 97, 1205-1212.	0.4	7
17	Isolation of Trypsin from Bovine Pancreas Using Immobilized Benzamidine and Peptide CTPR Ligands in Expanded Beds. Separation Science and Technology, 2005, 40, 3277-3287.	1.3	5
18	Polyclonal antibody production anti Pc_312-324 peptide. Its potential use in electrochemical immunosensors for transgenic soybean detection. Bioelectrochemistry, 2020, 131, 107397.	2.4	5

#	Article	IF	Citations
19	The Arsenal of Bioactive Molecules in the Skin Secretion of Urodele Amphibians. Frontiers in Pharmacology, 2021, 12, 810821.	1.6	5
20	Cry1A(b)16 toxin from Bacillus thuringiensis : Theoretical refinement of threeâ€dimensional structure and prediction of peptides as molecular markers for detection of genetically modified organisms. Proteins: Structure, Function and Bioinformatics, 2017, 85, 1248-1257.	1.5	3
21	Single step recombinant human growth hormone (rhGH) purification from milk by peptide affinity chromatography. Biotechnology Progress, 2018, 34, 999-1005.	1.3	3
22	Identification of New Ocellatin Antimicrobial Peptides by cDNA Precursor Cloning in the Frame of This Family of Intriguing Peptides. Antibiotics, 2020, 9, 751.	1.5	3
23	Peptide selection and antibody generation for the prospective immunorecognition of Cry1Ab16 protein of transgenic maize. Food Chemistry, 2017, 231, 340-347.	4.2	2
24	BR-bombesin: a novel bombesin-related peptide from the skin secretion of the Chaco tree frog (Boana) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.2	2
25	Solid-Phase Peptide Synthesis Using ChemMatrixÂ®, a Polyethylenglycol (PEG)-based Solid. , 2006, , 114-115.		1
26	Peptide isolated from Cry1Ab16 toxin present in Bacillus thuringiensis: Synthesis and morphology data for layer-by-layer films studied by atomic force microscopy. Data in Brief, 2016, 8, 114-119.	0.5	1