Reinaldo Marquetto

List of Publications by Year
in descending order

52 papers	1,399 citations	394421 19 h-index	330143 37 g-index
54 all docs	54 docs citations	54 times ranked	1795 citing authors

#	Article	IF	Citations
1	Protein-based engineering of the initial acquired enamel pellicle in vivo: Proteomic evaluation. Journal of Dentistry, 2022, 116, 103874.	4.1	10
2	Rinsing with Statherin-Derived Peptide Alters the Proteome of the Acquired Enamel Pellicle. Caries Research, 2021, 55, 333-340.	2.0	7
3	COMPARISON BETWEEN CONCENTRATED BONE MARROW ASPIRATE AND CORTICOID IN GLUTEAL TENDINOPATHY. Acta Ortopedica Brasileira, 2021, 29, 26-29.	0.5	4
4	Rhamnolipid-Based Liposomes as Promising Nano-Carriers for Enhancing the Antibacterial Activity of Peptides Derived from Bacterial Toxin-Antitoxin Systems. International Journal of Nanomedicine, 2021, Volume 16, 925-939.	6.7	13
5	Acquired pellicle engineering with proteins/peptides: Mechanism of action on native human enamel surface. Journal of Dentistry, 2021, 107, 103612.	4.1	20
6	Differential interactions of the antimicrobial peptide, RQ18, with phospholipids and cholesterol modulate its selectivity for microorganism membranes. Biochimica Et Biophysica Acta - General Subjects, 2021, 1865, 129937.	2.4	10
7	Immunogenicity of HLAâ€DR1 and HLAâ€A2 peptides derived from Leishmania major Gp63 in golden hamsters. Parasite Immunology, 2020, 42, e12780.	1.5	5
8	Acquired pellicle protein-based engineering protects against erosive demineralization. Journal of Dentistry, 2020, 102, 103478.	4.1	31
9	Statherin-derived peptide protects against intrinsic erosion. Archives of Oral Biology, 2020, 119, 104890.	1.8	11
10	Characterization of an OrtT-like toxin of Salmonella enterica serovar Houten. Brazilian Journal of Microbiology, 2019, 50, 839-848.	2.0	2
11	Biopolymer-based membranes associated with osteogenic growth peptide for guided bone regeneration. Biomedical Materials (Bristol), 2018, 13, 035009.	3.3	18
12	Injectable Î² -TCP/MCPM cement associated with mesoporous silica for bone regeneration: characterization and toxicity evaluation. Biomedical Materials (Bristol), 2018, 13, 025023.	3.3	7
13	Biophysical characterization and antitumor activity of synthetic Pantinin peptides from scorpion's venom. Biochimica Et Biophysica Acta - Biomembranes, 2018, 1860, 2155-2165.	2.6	17
14	A simple electrochemical method to monitor an azo dye reaction with a liver protein. Analytical Biochemistry, 2018, 553, 46-53.	2.4	4
15	NMR structures and molecular dynamics simulation of hylinâ€a1 peptide analogs interacting with micelles. Journal of Peptide Science, 2017, 23, 421-430.	1.4	3
16	Nanocellulose-collagen-apatite composite associated with osteogenic growth peptide for bone regeneration. International Journal of Biological Macromolecules, 2017, 103, 467-476.	7.5	64
17	AvaliaÃ§Ã£o quantitativa da susceptibilidade do crescimento de Staphylococcus aureus na presenÃ§a de sistemas antimicrobianos de alta complexidade. Ecletica Quimica, 2017, 40, 95.	0.5	0
18	ProduÃ§Ã£o de peptÃdeos: aprimoramento da sÃntese em polÃmeros atravÃ©s do uso da ressonÃ¢ncia paramagnÃ©tica eletrÃ´nica (RPE). , 2017, , 197-246.		0

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19	The 2â€²,4â€²-dihydroxychalcone could be explored to develop new inhibitors against the glycerol-3-phosphate dehydrogenase from Leishmania species. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 3564-3568.	2.2	35
20	BtoxDB: A comprehensive database of protein structural data on toxinâ€"antitoxin systems. Computers in Biology and Medicine, 2015, 58, 146-153.	7.0	13
21	The Octahydroindene Carboxyl Substructure from Dihydrobetulinic Acid is Essential to Inhibit Topoisomerase IB fromLeishmania donovani. Journal of the Brazilian Chemical Society, 2015, , .	0.6	0
22	Toxin-antitoxin systems and its biotechnological applications. African Journal of Biotechnology, 2014, 13, 11-17.	0.6	3
23	Nanostructured materials based on mesoporous silica and mesoporous silica/apatite as osteogenic growth peptide carriers. Materials Science and Engineering C, 2013, 33, 4427-4434.	7.3	40
24	Bacterial cellulose-collagen nanocomposite for bone tissue engineering. Journal of Materials Chemistry, 2012, 22, 22102.	6.7	159
25	Characterization and in vitro evaluation of bacterial cellulose membranes functionalized with osteogenic growth peptide for bone tissue engineering. Journal of Materials Science: Materials in Medicine, 2012, 23, 2253-2266.	3.6	72
26	Design and synthesis of peptides from bacterial ParE toxin as inhibitors of topoisomerases. European Journal of Medicinal Chemistry, 2012, 54, 591-596.	5.5	16
27	Influence of Nâ€terminus modifications on the biological activity, membrane interaction, and secondary structure of the antimicrobial peptide hylinâ€a1. Biopolymers, 2011, 96, 41-48.	2.4	59
28	Solid-phase peptide synthesis in highly loaded conditions. Bioorganic Chemistry, 2011, 39, 101-109.	4.1	15
29	Bacterial Cellulose-Hydroxyapatite Nanocomposites for Bone Regeneration. International Journal of Biomaterials, 2011, 2011, 1-8.	2.4	166
30	SÃntese, caracterizaÃ§Ã£o e estudos de interaÃ§Ã£o de um anÃ¡logo da antitoxina CcdA empregando fluorescÃªncia no estado estacionÃ¡rio. Quimica Nova, 2010, 33, 841-845.	0.3	1
31	BiossÃntese e recentes avanÃ§os na produÃ§Ã£o de celulose bacteriana. Ecletica Quimica, 2010, 35, 165-178.	0.5	53
32	Function inferences from a molecular structural model of bacterial ParE toxin. Bioinformation, 2010, 4, 438-440.	0.5	7
33	Easy Bioinformatics Analysis (EBiAn): a package for manipulating and analysis of short biological sequences. Bioinformation, 2010, 5, 46-48.	0.5	1
34	Production of Pleurotus sajor-caju strain PS-2001 biomass in submerged culture. Journal of Industrial Microbiology and Biotechnology, 2008, 35, 1149-1155.	3.0	47
35	Peptides based on CcdB protein as novel inhibitors of bacterial topoisomerases. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 6161-6164.	2.2	26
36	Direct electron paramagnetic resonance monitoring of the peptide synthesis coupling reaction in polymeric support. Polymer, 2006, 47, 4531-4536.	3.8	10

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37	Probing the binding of the coumarin drugs using peptide fragments of DNA gyrase B protein. Chemical Biology and Drug Design, 2005, 65, 502-511.	1.1	3
38	Determination of Siteâ˜Site Distance and Site Concentration within Polymer Beads:Â A Combined Swelling-Electron Paramagnetic Resonance Study. Journal of Organic Chemistry, 2005, 70, 4561-4568.	3.2	31
39	A 4.2 kDa synthetic peptide as a potential probe to evaluate the antibacterial activity of coumarin drugs. Journal of Peptide Science, 2004, 10, 566-577.	1.4	11
40	Synthesis and pharmacological properties of TOAC-labeled angiotensin and bradykinin analogs. Peptides, 2002, 23, 65-70.	2.4	42
41	Fmoc-POAC: [(9-Fluorenylmethyloxycarbonyl)-2,2,5,5-tetramethylpyrrolidine-N-oxyl-3-amino-4-carboxylic Acid]: A Novel Protected Spin Labeled .BETA.-Amino Acid for Peptide and Protein Chemistry.. Chemical and Pharmaceutical Bulletin, 2001, 49, 1027-1029.	1.3	28
42	Two short peptides including segments of subunit A ofEscherichia coliDNA gyrase as potential probes to evaluate the antibacterial activity of quinolones. Journal of Peptide Science, 2001, 7, 27-40.	1.4	5
43	Correlation between the Mobility of Spin-Labeled Peptide Chains and Resin Solvation:Â An Approach To Optimize the Synthesis of Aggregating Sequences1. Journal of Organic Chemistry, 1999, 64, 9118-9123.	3.2	38
44	Use of spin label EPR spectra to monitor peptide chain aggregation inside resin beads. Tetrahedron Letters, 1997, 38, 517-520.	1.4	49
45	Comparative time-course study of aminoacyl- and dipeptidyl-resin hydrolysis. Journal of the Brazilian Chemical Society, 1997, , .	0.6	1
46	Correlation between Solvation of Peptide-Resins and Solvent Properties1. Journal of Organic Chemistry, 1996, 61, 8992-9000.	3.2	67
47	A novel spin-labeled amino acid derivative for use in peptide synthesis: (9-fluorenylmethyloxycarbonyl)-2,2,6,6-tetramethylpiperidine-N-oxyl-4-amino-4-carboxylic acid. Journal of the American Chemical Society, 1993, 115, 11042-11043.	13.7	148
48	Solvation approach to the synthesis of aggregating sequences in high-loaded resins. , 1993, , 425-426.		2
49	Kinetics of Synthesis and Swelling Studies of Highly Substituted Benzhydrylamine-Resins: Implications for Peptide Synthesis and Perspectives for Use as Anion Exchanger Resin. Journal of the Brazilian Chemical Society, 1992, 3, 30-37.	0.6	19
50	Differently loaded peptide-resins as models for the study of the correlation between rate of coupling and bead swelling. , 1991, , 122-124.		1
51	Synthetic and physicochemical studies of benzhydrylamine resins with different substitution levels: Implications for solid phase peptide synthesis. , 1988, , 249-251.		3
52	Biosynthesis and recent advances in production of bacterial cellulose. Ecletica Quimica, 0, 35, 165.	0.5	2