

Alberto Vitali

List of Publications by Year in descending order

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docs citations

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times ranked

2851
citing authors

#	ARTICLE	IF	CITATIONS
1	Biocompatible antimicrobial colistin loaded calcium phosphate nanoparticles for the counteraction of biofilm formation in cystic fibrosis related infections. <i>Journal of Inorganic Biochemistry</i> , 2022, 230, 111751.	3.5	5
2	Antifungal Carvacrol Loaded Chitosan Nanoparticles. <i>Antibiotics</i> , 2022, 11, 11.	3.7	13
3	Phytocomplex Influences Antimicrobial and Health Properties of Concentrated Glycerine Macerates. <i>Antibiotics</i> , 2020, 9, 858.	3.7	4
4	Potent In Vitro Activity of Citrus aurantium Essential Oil and Vitis vinifera Hydrolate Against Gut Yeast Isolates from Irritable Bowel Syndrome Patientsâ€™The Right Mix for Potential Therapeutic Use. <i>Nutrients</i> , 2020, 12, 1329.	4.1	12
5	Altered mitochondrial function in cells carrying a premutation or unmethylated full mutation of the FMR1 gene. <i>Human Genetics</i> , 2020, 139, 227-245.	3.8	16
6	Nanomedicine Approaches for the Pulmonary Treatment of Cystic Fibrosis. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 406.	4.1	65
7	A protein chimera self-assembling unit for drug delivery. <i>Biotechnology Progress</i> , 2019, 35, e2769.	2.6	1
8	Curcumin-loaded graphene oxide flakes as an effective antibacterial system against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Interface Focus</i> , 2018, 8, 20170059.	3.0	61
9	Antibacterial Properties of Curcumin Loaded Graphene Oxide Flakes. <i>Biophysical Journal</i> , 2018, 114, 362a.	0.5	3
10	Cryptides: latent peptides everywhere. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2018, 53, 246-263.	5.2	38
11	Design of new nanocarriers for biomedical applications. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	1
12	The activity of a mammalian proline-rich peptide against Gram-negative bacteria, including drug-resistant strains, relies on a nonmembranolytic mode of action. <i>Infection and Drug Resistance</i> , 2018, Volume 11, 969-979.	2.7	8
13	The response of <i>Escherichia coli</i> biofilm to salicylic acid. <i>Biofouling</i> , 2017, 33, 235-251.	2.2	32
14	Cell wall composition and biofilm formation of azoles-susceptible and -resistant <i>Candida glabrata</i> strains. <i>Journal of Chemotherapy</i> , 2017, 29, 164-172.	1.5	7
15	Antagonistic Effect of a Salivary Proline-Rich Peptide on the Cytosolic Ca ²⁺ Mobilization Induced by Progesterone in Oral Squamous Cancer Cells. <i>PLoS ONE</i> , 2016, 11, e0147925.	2.5	9
16	Structural studies and SH3 domain binding properties of a human antiviral salivary proline-rich peptide. <i>Biopolymers</i> , 2016, 106, 714-725.	2.4	6
17	The intriguing heterogeneity of human salivary proline-rich proteins. <i>Journal of Proteomics</i> , 2016, 134, 47-56.	2.4	47
18	Unravelling the Structural and Molecular Basis Responsible for the Anti-Biofilm Activity of Zosteric Acid. <i>PLoS ONE</i> , 2015, 10, e0131519.	2.5	45

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19	Effects of sublethal doses of silver nanoparticles on <i>Bacillus subtilis</i> planktonic and sessile cells. <i>Journal of Applied Microbiology</i> , 2015, 118, 1103-1115.	3.1	46
20	Chrono-Proteomics of Human Saliva: Variations of the Salivary Proteome during Human Development. <i>Journal of Proteome Research</i> , 2015, 14, 1666-1677.	3.7	38
21	Characterization of the cell penetrating properties of a human salivary proline-rich peptide. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015, 1848, 2868-2877.	2.6	20
22	Proline-Rich Peptides: Multifunctional Bioactive Molecules as New Potential Therapeutic Drugs. <i>Current Protein and Peptide Science</i> , 2015, 16, 147-162.	1.4	35
23	Proline-rich peptides: multifunctional bioactive molecules as new potential therapeutic drugs. <i>Current Protein and Peptide Science</i> , 2015, 16, 147-62.	1.4	20
24	Structural and functional studies on a proline-rich peptide isolated from swine saliva endowed with antifungal activity towards <i>Cryptococcus neoformans</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 1066-1074.	2.6	14
25	pH-dependent disruption of <i>Escherichia coli</i> ATCC 25922 and model membranes by the human antimicrobial peptides hepcidin 20 and 25. <i>FEBS Journal</i> , 2013, 280, 2842-2854.	4.7	41
26	Top-down HPLC-ESI-MS characterization of rat gliadoralin (A), a new member of the family of rat submandibular gland glutamine-rich proteins and potential substrate of transglutaminase. <i>Journal of Separation Science</i> , 2013, 36, 2848-2861.	2.5	3
27	Top-down platform for deciphering the human salivary proteome. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2012, 25, 27-43.	1.5	44
28	Altered expression level of <i>Escherichia coli</i> proteins in response to treatment with the antifouling agent zosteric acid sodium salt. <i>Environmental Microbiology</i> , 2012, 14, 1753-1761.	3.8	33
29	Biotechnological implications of the salivary proteome. <i>Trends in Biotechnology</i> , 2011, 29, 409-418.	9.3	76
30	The Surprising Composition of the Salivary Proteome of Preterm Human Newborn. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.003467.	3.8	71
31	Use of cyclodextrins in biotransformation reactions with cell cultures of <i>Morus nigra</i> : biosynthesis of prenylated chalcone isocordoin. <i>Biotechnology and Applied Biochemistry</i> , 2010, 56, 77-84.	3.1	3
32	Synthesis and molecular modelling studies of prenylated pyrazolines as MAO-B inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 6479-6482.	2.2	21
33	Structural characterization of a new statherin from pig parotid granules. <i>Journal of Peptide Science</i> , 2010, 16, 269-275.	1.4	3
34	Expression, purification, phosphorylation and characterization of recombinant human statherin. <i>Protein Expression and Purification</i> , 2010, 69, 219-225.	1.3	9
35	Antimicrobial activity of human hepcidin 20 and 25 against clinically relevant bacterial strains: Effect of copper and acidic pH. <i>Peptides</i> , 2010, 31, 1995-2002.	2.4	80
36	A proteomic approach to characterizing ciglitazone-induced cancer cell differentiation in Hep-G2 cell line. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2009, 1794, 615-626.	2.3	15

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37	Antifungal-protein production in maize (<i>Zea mays</i>) suspension cultures. <i>Biotechnology and Applied Biochemistry</i> , 2009, 52, 273.	3.1	6
38	Î2-Strand of salivary S cystatins: A "chameleon sequence". <i>Biochemical and Biophysical Research Communications</i> , 2009, 387, 47-51.	2.1	0
39	Localisation of Bgl2p upon antifungal drug treatment in <i>Candida albicans</i> . <i>International Journal of Antimicrobial Agents</i> , 2009, 33, 143-148.	2.5	8
40	Different Structural Behaviors Evidenced in Thaumatin-Like Proteins: A Spectroscopic Study. <i>Protein Journal</i> , 2008, 27, 13-20.	1.6	9
41	Structural and functional characterization of the porcine proline-rich antifungal peptide SPB isolated from salivary gland granules. <i>Journal of Peptide Science</i> , 2008, 14, 251-260.	1.4	22
42	Trafficking and Postsecretory Events Responsible for the Formation of Secreted Human Salivary Peptides. <i>Molecular and Cellular Proteomics</i> , 2008, 7, 911-926.	3.8	111
43	Chalcone Inhibition of Anthracycline Secondary Alcohol Metabolite Formation in Rabbit and Human Heart Cytosol. <i>Chemical Research in Toxicology</i> , 2006, 19, 1518-1524.	3.3	10
44	Detection in human saliva of different statherin and P-B fragments and derivatives. <i>Proteomics</i> , 2006, 6, 6370-6379.	2.2	62
45	Purification and characterization of an antifungal thaumatin-like protein from <i>Cassia didymobotrya</i> cell culture. <i>Plant Physiology and Biochemistry</i> , 2006, 44, 604-610.	5.8	25
46	Statherin levels in saliva of patients with precancerous and cancerous lesions of the oral cavity: a preliminary report. <i>Oral Diseases</i> , 2005, 11, 95-99.	3.0	39
47	Prenylated Flavonoids: Pharmacology and Biotechnology. <i>Current Medicinal Chemistry</i> , 2005, 12, 713-739.	2.4	266
48	Two proline-rich peptides from pig (<i>Sus scrofa</i>) salivary glands generated by pre-secretory pathway underlying the action of a proteinase cleaving ProAla bonds. <i>Peptides</i> , 2005, 26, 1550-1559.	2.4	12
49	Chalcone dimethylallyltransferase from <i>Morus nigra</i> cell cultures. Substrate specificity studies. <i>FEBS Letters</i> , 2004, 557, 33-38.	2.8	26
50	Capillary electrophoretic study of the binding of zinc(II) ion to bacitracin A1 in water-2,2,2-trifluoroethanol. <i>Electrophoresis</i> , 2003, 24, 1612-1619.	2.4	13
51	Affinity capillary electrophoresis study of the linkage existing between proton and zinc ion binding to bacitracin A1. <i>Electrophoresis</i> , 2003, 24, 801-807.	2.4	20
52	Identification of the human salivary cystatin complex by the coupling of high-performance liquid chromatography and ion-trap mass spectrometry. <i>Proteomics</i> , 2003, 3, 461-467.	2.2	52
53	Determination of urinary hippuric acid by micellar electrokinetic capillary chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 793, 223-228.	2.3	21
54	Determination of the Post-Translational Modifications of Salivary Acidic Proline-Rich Proteins. <i>European Journal of Morphology</i> , 2003, 41, 93-98.	0.8	11

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55	Characterization of dendrimer properties by capillary electrophoresis and their use as pseudostationary phases. <i>Electrophoresis</i> , 2002, 23, 1769.	2.4	52
56	Capillary electrophoresis detection of a complex sensitive to electric field. <i>Journal of Separation Science</i> , 2001, 24, 717-722.	2.5	2
57	Synthesis and Biosynthesis of Isocordoin. <i>Planta Medica</i> , 2001, 67, 475-477.	1.3	7
58	Aryltetralin Lignans: Chemistry, Pharmacology and Biotransformations. <i>Current Medicinal Chemistry</i> , 2001, 8, 1363-1381.	2.4	75
59	Î ² -Glucosyltransferase in Cell Cultures of <i>Verbesina caracasana</i> . <i>Heterocycles</i> , 1999, 50, 721.	0.7	3
60	Further hypotensive metabolites from <i>verbesina caracasana</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 1999, 9, 3249-3254.	2.2	23
61	In vitro plant regeneration of <i>Vismia guianensis</i> through organogenesis. <i>Plant Cell, Tissue and Organ Culture</i> , 1999, 58, 81-85.	2.3	4
62	Peroxidase from Cell Cultures of <i>Cassia didymobotrya</i> : A Review and Comparison with Horseradish Peroxidase. <i>Heterocycles</i> , 1999, 50, 757.	0.7	3
63	Purification and partial characterization of a peroxidase from plant cell cultures of <i>Cassia didymobotrya</i> and biotransformation studies ¹ . <i>Biochemical Journal</i> , 1998, 331, 513-519.	3.7	36
64	The cellular distribution of antifeedant prenylated anthranoids in the tissues of <i>Vismia guianensis</i> during development. <i>Protoplasma</i> , 1997, 198, 170-176.	2.1	3
65	Studies in Cell Suspension Cultures of <i>Cassia didymobotrya</i> . Part VI. The Biotransformation of Chalcones to Aurones and Auronols. <i>Heterocycles</i> , 1996, 43, 1415.	0.7	21
66	Studies with Plant Cell Cultures of <i>Cassia didymobotrya</i> . VII. Enzyme Catalyzed Biotransformation of Dibenzylbutanolides to Podophyllotoxin Analogues and Related Compounds. <i>Heterocycles</i> , 1996, 43, 2443.	0.7	3
67	Comparison between metabolite productions in cell culture and in whole plant of <i>Maclura pomifera</i> . <i>Phytochemistry</i> , 1995, 39, 575-580.	2.9	56
68	Two isoflavones and a flavone from the fruits of <i>Maclura pomifera</i> . <i>Phytochemistry</i> , 1994, 37, 893-898.	2.9	68
69	Cell Suspension Cultures of <i>Maclura pomifera</i> : Optimization of Growth and Metabolite Production. <i>Journal of Plant Physiology</i> , 1991, 139, 249-251.	3.5	8