Paolo Ruzza

List of Publications by Year
in descending order

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104	1,757	304368	329751
papers	citations	22 h-index	37 g-index

104	104	104	2513
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of Trehalose and Ceftriaxone on the Stability of Aggregating-Prone Tau Peptide Containing PHF6* Sequence: An SRCD Study. International Journal of Molecular Sciences, 2022, 23, 2932.	1.8	1
2	Impact of Different [Tc(N)PNP]-Scaffolds on the Biological Properties of the Small cRGDfK Peptide: Synthesis, In Vitro and In Vivo Evaluations. Molecules, 2022, 27, 2548.	1.7	3
3	Antamanide Analogs as Potential Inhibitors of Tyrosinase. International Journal of Molecular Sciences, 2022, 23, 6240.	1.8	4
4	Probing the E/K Peptide Coiled-Coil Assembly by Double Electronâ€“Electron Resonance and Circular Dichroism. Biochemistry, 2021, 60, 19-30.	1.2	4
5	An Angiopep2-PAPTP Construct Overcomes the Blood-Brain Barrier. New Perspectives against Brain Tumors. Pharmaceuticals, 2021, 14, 129.	1.7	9
6	Free Radicals and ROS Induce Protein Denaturation by UV Photostability Assay. International Journal of Molecular Sciences, 2021, 22, 6512.	1.8	13
7	Interaction of a Short Peptide with G-Quadruplex-Forming Sequences: An SRCD and CD Study. Pharmaceutics, 2021, 13, 1104.	2.0	6
8	Enhancing the biological activity of polyoxometalateâ€“peptide nano-fibrils by spacer design. RSC Advances, 2021, 11, 4952-4957.	1.7	21
9	Free Radical Generation in Far-UV Synchrotron Radiation Circular Dichroism Assaysâ€”Protein and Buffer Composition Contribution. International Journal of Molecular Sciences, 2021, 22, 11325.	1.8	4
10	Isolation of a tyrosinase inhibitor from unripe grapes juice: A spectrophotometric study. Food Chemistry, 2020, 305, 125506.	4.2	33
11	Synthesis and Studies of the Inhibitory Effect of Hydroxylated Phenylpropanoids and Biphenols Derivatives on Tyrosinase and Laccase Enzymes. Molecules, 2020, 25, 2709.	1.7	10
12	Influence of small molecules on the photoâ€stability of water soluble porcine lens proteins. Chirality, 2020, 32, 611-618.	1.3	8
13	Application of Circular Dichroism and Fluorescence Spectroscopies To Assess Photostability of Water-Soluble Porcine Lens Proteins. ACS Omega, 2020, 5, 4293-4301.	1.6	9
14	The Secondary Structure of a Major Wine Protein is Modified upon Interaction with Polyphenols. Molecules, 2020, 25, 1646.	1.7	18
15	H-Content Is Not Predictive of Perfluorocarbon Ocular Endotamponade Cytotoxicity in Vitro. ACS Omega, 2019, 4, 13481-13487.	1.6	16
16	Affinity capillary electrophoresis employed for determination of stability constants of antamanide complexes with univalent and divalent cations in methanol. Electrophoresis, 2019, 40, 2321-2328.	1.3	9
17	Influence of the reducing environment in the misfolding of wine proteins. Advances in Protein Chemistry and Structural Biology, 2019, 118, 413-436.	1.0	3
18	Synthesis and biological activity of an <scp>A</scp>nderson polyoxometalate bisâ€functionalized with a <scp>B</scp>ombesinâ€analog peptide. Peptide Science, 2018, 110, e24047.	1.0	26

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19	Spectroscopy data of ceftriaxone-lysozyme interaction and computational studies. Data in Brief, 2018, 18, 1808-1818.	0.5	2
20	Chaperone-like effect of ceftriaxone on HEWL aggregation: A spectroscopic and computational study. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 1317-1326.	1.1	6
21	Affinity capillary electrophoresis and quantum mechanical calculations applied to investigation of [Gly⁶]â€antamanide binding with sodium and potassium ions. Electrophoresis, 2017, 38, 1551-1559.	1.3	7
22	Experimental and theoretical study on complexation of the lithium cation with [Gly⁶]-antamanide. Molecular Physics, 2017, 115, 465-471.	0.8	0
23	Experimental and theoretical study on complexation of the calcium cation with [Gly 6]-antamanide. Journal of Molecular Liquids, 2017, 242, 423-427.	2.3	0
24	Hydroxylated biphenyls as tyrosinase inhibitor: A spectrophotometric and electrochemical study. European Journal of Medicinal Chemistry, 2017, 126, 1034-1038.	2.6	20
25	Affinity capillary electrophoresis and density functional theory study of noncovalent interactions of cyclic peptide [Gly⁶]â€antamanide with small cations. Electrophoresis, 2017, 38, 2025-2033.	1.3	4
26	Synergistic Extraction of Some Univalent Cations from Water into Nitrobenzene Using Sodium Dicarbollylcobaltate and Antamanide. Journal of Solution Chemistry, 2017, 46, 1121-1130.	0.6	4
27	Spectroscopy reveals that ethyl esters interact with proteins in wine. Food Chemistry, 2017, 217, 373-378.	4.2	14
28	Extraction and DFT study on complexation of the barium cation with [Gly6]-antamanide. Journal of Molecular Structure, 2017, 1146, 198-202.	1.8	1
29	Melanoma targeting with [99m Tc(N)(PNP3)]-labeled Î±-melanocyte stimulating hormone peptide analogs: Effects of cyclization on the radiopharmaceutical properties. Nuclear Medicine and Biology, 2016, 43, 788-801.	0.3	10
30	Interactions of GFAP with ceftriaxone and phenytoin: SRCD and molecular docking and dynamic simulation. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 2239-2248.	1.1	15
31	Effects of Trehalose on Thermodynamic Properties of Alpha-synuclein Revealed through Synchrotron Radiation Circular Dichroism. Biomolecules, 2015, 5, 724-734.	1.8	26
32	Complexation of the calcium cation with antamanide: an experimental and theoretical study. Molecular Physics, 2015, 113, 1472-1477.	0.8	16
33	Peptides as Modulators of α-Synuclein Aggregation. Protein and Peptide Letters, 2015, 22, 354-361.	0.4	7
34	Experimental and theoretical study on interaction of the barium cation with antamanide. Journal of Molecular Structure, 2014, 1065-1066, 61-64.	1.8	11
35	Complexation of Li+ with antamanide: an experimental and theoretical study. Monatshefte FÃ¼r Chemie, 2014, 145, 1051-1054.	0.9	8
36	Ceftriaxone Blocks the Polymerization of Î±-Synuclein and Exerts Neuroprotective Effects in Vitro. ACS Chemical Neuroscience, 2014, 5, 30-38.	1.7	60

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37	Extraction and theoretical study on complexation of the strontium cation with antamanide. Journal of Radioanalytical and Nuclear Chemistry, 2014, 300, 1291-1294.	0.7	6
38	Experimental and theoretical study on interaction of the potassium cation with antamanide. Chemical Physics, 2014, 433, 85-88.	0.9	7
39	Assessment of the best N3â˜ donors in preparation of [M(N)(PNP)]-based (M=99mTc-; 188Re) target-specific radiopharmaceuticals: Comparison among succinic dihydrazide (SDH), N-methyl-S-methyl dithiocarbazate (HDTCZ) and PEGylated N-methyl-S-methyl dithiocarbazate (HO2C-PEG600-DTCZ). Nuclear Medicine and Biology, 2014, 41, 570-581.	0.3	9
40	Protonation of antamanide: Experimental and theoretical study. Journal of Molecular Liquids, 2014, 196, 163-166.	2.3	3
41	Interaction of the univalent thallium cation with antamanide: Experimental and theoretical study. Journal of Molecular Structure, 2014, 1064, 107-110.	1.8	5
42	The impact of either 4-R-hydroxyproline or 4-R-fluoroproline on the conformation and SH3m-cort binding of HPK1 proline-rich peptide. Amino Acids, 2013, 44, 607-614.	1.2	9
43	Small molecules interacting with Î±-synuclein: antiaggregating and cytoprotective properties. Amino Acids, 2013, 45, 327-338.	1.2	52
44	Glutathione Transferase (GST)-Activated Prodrugs. Pharmaceutics, 2013, 5, 220-231.	2.0	41
45	Peptide-Receptor Ligands and Multivalent Approach. Anti-Cancer Agents in Medicinal Chemistry, 2012, 12, 416-427.	0.9	10
46	EDITORIAL [Hot Topic: Peptide-Receptor Ligands in Imaging and Therapy of Cancer (Guest Editor: Dr.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.9	0
47	A synthetic hexapeptide designed to resemble a proteinaceous pâ€loop nest is shown to bind inorganic phosphate. Proteins: Structure, Function and Bioinformatics, 2012, 80, 1418-1424.	1.5	46
48	The SH3 domain of HS1 protein recognizes lysine-rich polyproline motifs. Amino Acids, 2012, 42, 1361-1370.	1.2	10
49	Antamanide, a Derivative of Amanita phalloides, Is a Novel Inhibitor of the Mitochondrial Permeability Transition Pore. PLoS ONE, 2011, 6, e16280.	1.1	44
50	Radiolabeled peptide-receptor ligands in tumor imaging. Expert Opinion on Medical Diagnostics, 2011, 5, 411-424.	1.6	13
51	Recognition of lysineâ€rich peptide ligands by murine cortactin SH3 domain: CD, ITC, and NMR studies. Biopolymers, 2010, 94, 298-306.	1.2	14
52	Cell-Penetrating Peptides: A Comparative Study on Lipid Affinity and Cargo Delivery Properties. Pharmaceuticals, 2010, 3, 1045-1062.	1.7	26
53	99mTc-Radiolabelled Peptides for Tumour Imaging: Present and Future. Current Medicinal Chemistry, 2010, 17, 2656-2683.	1.2	26
54	Editorial [Hot Topic: Enzymes as Useful Tools and Potential Targets in Cancer Chemotherapy (Guest) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.9	1

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55	Therapeutic prospect of Syk inhibitors. Expert Opinion on Therapeutic Patents, 2009, 19, 1361-1376.	2.4	55
56	Synthesis and conformational studies on peptides corresponding to a putative autophosphorylation site of abl TPK*. International Journal of Peptide and Protein Research, 2009, 41, 291-299.	0.1	6
57	Solution conformational analysis of sodium complexed [Gly6]. - and [Gly9]. -antamanide analogs. Chemical Biology and Drug Design, 2009, 51, 180-187.	1.2	12
58	Synthesis and Preliminary in Vitro Biological Evaluation of 4-[(4-Hydroxyphenyl)sulfanyl]but-3-en-2-one, a 4-Mercaptophenol Derivative Designed As a Novel Bifunctional Antimelanoma Agent. Journal of Medicinal Chemistry, 2009, 52, 4973-4976.	2.9	11
59	Glutathione Transferases as Targets for Cancer Therapy. Anti-Cancer Agents in Medicinal Chemistry, 2009, 9, 763-777.	0.9	72
60	Effect of 4-Fluoro-L-proline on the SH3 Binding Affinity. Advances in Experimental Medicine and Biology, 2009, 611, 499-500.	0.8	1
61	Introduction of N-alkyl Residues in Proline-rich Peptides: Effect on SH3 Binding Affinity and Peptide Conformation. Advances in Experimental Medicine and Biology, 2009, 611, 65-66.	0.8	0
62	Mechanistic studies of amide bond scission during acidolytic deprotection of Pip containing peptide. Journal of Peptide Science, 2008, 14, 989-997.	0.8	7
63	Flavonoids diosmetin and luteolin inhibit midazolam metabolism by human liver microsomes and recombinant CYP 3A4 and CYP3A5 enzymes. Biochemical Pharmacology, 2008, 75, 1426-1437.	2.0	86
64	Malondialdehyde scavenging and aldose-derived Schiff basesâ€™ transglycation properties of synthetic histidyl-hydrazide carnosine analogs. Bioorganic and Medicinal Chemistry, 2007, 15, 6158-6163.	1.4	24
65	Neuroprotective actions of a histidine analogue in models of ischemic stroke. Journal of Neurochemistry, 2007, 101, 729-736.	2.1	62
66	Spatial Conformation and Topography of the Tyrosine Aromatic Ring in Substrate Recognition by Protein Tyrosine Kinases. Journal of Medicinal Chemistry, 2006, 49, 1916-1924.	2.9	10
67	Synthesis and Evaluation of Neuroprotective Î±,Î²-Unsaturated Aldehyde Scavenger Histidyl-containing Analogs of Carnosine. , 2006, , 491-492.		0
68	Fluorescence Resonance Energy Transfer Substrates for Determining Cathepsin B pH Specificity. , 2006, , 417-418.		0
69	Fluorescent, internally quenched, peptides for exploring the pH-dependent substrate specificity of cathepsin B. Journal of Peptide Science, 2006, 12, 455-461.	0.8	15
70	4-Fluoroproline derivative peptides: effect on PPII conformation and SH3 affinity. Journal of Peptide Science, 2006, 12, 462-471.	0.8	21
71	Studies on Interaction of CaM with CaM-Binding Peptides M13 and RS20 in the Presence of Al3+ Ions. , 2006, , 479-480.		0
72	Carnosine and Carnosine-Related Antioxidants: A Review. Current Medicinal Chemistry, 2005, 12, 2293-2315.	1.2	258

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73	Synthesis and Evaluation of Neuroprotective Î±,Î²-Unsaturated Aldehyde Scavenger Histidyl-Containing Analogues of Carnosine. Journal of Medicinal Chemistry, 2005, 48, 6156-6161.	2.9	33
74	Tat cell-penetrating peptide has the characteristics of a poly(proline) II helix in aqueous solution and in SDS micelles. Journal of Peptide Science, 2004, 10, 423-426.	0.8	36
75	N-benzhydryl-glycolamide: The first protecting group in peptide synthesis with a strong conformational bias. Biopolymers, 2003, 71, 17-27.	1.2	5
76	Conformational constraints of tyrosine in protein tyrosine kinase substrates: Information about preferred bioactive side-chain orientation. Biopolymers, 2003, 71, 478-488.	1.2	10
77	Specific monitoring of Syk protein kinase activity by peptide substrates including constrained analogs of tyrosine. FEBS Letters, 2002, 523, 48-52.	1.3	11
78	Synthesis of a conformationally constrained tyrosineâ€“glycine dipeptide mimetic: design of a potential substrate of Syk kinase. Tetrahedron Letters, 2002, 43, 3769-3771.	0.7	10
79	Analogs of the main autophosphorylation site of pp60src PTK as substrates for Syk and Src PTKs. , 2002, , 611-612.		0
80	Antennapedia/HS1 chimeric phosphotyrosyl peptide: Conformational properties, binding capability to c-Fgr SH2 domain and cell permeability. Biopolymers, 2001, 60, 290-306.	1.2	6
81	Title is missing!. International Journal of Peptide Research and Therapeutics, 2000, 7, 79-83.	0.1	2
82	Solid-phase synthesis of an Htc-containing dimer analog of the autophosphorylation site of pp60 src PTK: Effective acylation conditions for Htc residues. International Journal of Peptide Research and Therapeutics, 2000, 7, 79-83.	0.1	1
83	Ionâ€binding and pharmacological properties of Tyr6and Tyr9antamanide analogs. Chemical Biology and Drug Design, 1999, 53, 442-452.	1.2	24
84	Synthesis and biological activities of cyclic lactam peptides as substrates for non-receptors PTKs. International Journal of Peptide Research and Therapeutics, 1999, 6, 117-121.	0.1	0
85	Synthesis and biological activities of cyclic lactam peptides as substrates for non-receptors PTKs. International Journal of Peptide Research and Therapeutics, 1999, 6, 117-121.	0.1	1
86	Separation of acidic protein tyrosine kinase substrates by strong anion-exchange chromatography. Journal of Chromatography A, 1998, 813, 277-283.	1.8	2
87	Title is missing!. International Journal of Peptide Research and Therapeutics, 1998, 5, 71-73.	0.1	0
88	Linear and cyclic peptides as substrates for Lyn tyrosine kinase. , 1998, 4, 33-45.		2
89	Synthesis, conformational and pharmacological studies on dermorphin N-terminal tetrapeptide analogues. International Journal of Peptide Research and Therapeutics, 1998, 5, 71-73.	0.1	0
90	Removal of benzhydryl-glycolamide (OBg) group with tetrabutylammonium fluoride. Tetrahedron Letters, 1996, 37, 5191-5194.	0.7	7

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91	An Exploration of the Effects of Constraints on the Phosphorylation of Synthetic Protein Tyrosine Kinase Peptide Substrates. Journal of Peptide Science, 1996, 2, 325-338.	0.8	14
92	Linear and cyclic synthetic peptides related to the main autophosphorylation site of the Src tyrosine kinases as substrates and inhibitors of Lyn ^{â€}. International Journal of Peptide and Protein Research, 1995, 45, 529-539.	0.1	13
93	Synthetic Tyrâ€phospho and nonâ€hydrolyzable phosphonopeptides as PTKs and TCâ€PTP inhibitors*. International Journal of Peptide and Protein Research, 1995, 46, 535-546.	0.1	5
94	Specificity of T-cell protein tyrosine phosphatase toward phosphorylated synthetic peptides. FEBS Journal, 1993, 211, 289-295.	0.2	55
95	Separation of acidic peptides by reversed-phase ion-pair chromatography. Journal of Chromatography A, 1991, 548, 329-334.	1.8	5
96	Conformational and binding studies on peptides related to domains I and III of calmodulin. Biopolymers, 1991, 31, 671-681.	1.2	4
97	Synthetic peptides including acidic clusters as substrates of yeast casein kinaseâ€2. International Journal of Peptide and Protein Research, 1990, 36, 374-380.	0.1	6
98	Synthesis of the dodecapeptide corresponding to domain III of bovine brain calmodulin: ?-? Shift side reactions during the synthesis by the classical method in solution. Biopolymers, 1989, 28, 333-352.	1.2	2
99	Conformation and ion binding properties of peptides related to calcium binding domain III of bovine brain calmodulin. Biopolymers, 1989, 28, 353-369.	1.2	30
100	Synthetic peptides reproducing the EGF-receptor segment homologous to the pp60v-src phosphoacceptor site. Phosphorylation by tyrosine protein kinases. Biochimica Et Biophysica Acta - Molecular Cell Research, 1989, 1012, 191-195.	1.9	22
101	Phosphorylation of small peptides by spleen TPK-IIA, a tyrosine protein kinase stimulated by polylysine and by high ionic strength. FEBS Letters, 1989, 254, 145-149.	1.3	14
102	Synthetic peptide substrates for casein kinase 2. Assessment of minimum structural requirements for phosphorylation. Biochimica Et Biophysica Acta - Molecular Cell Research, 1988, 971, 332-338.	1.9	55
103	Synthesis of Human [15-Norleucine]little-gastrin-II and Des-1-tryptophan-[12-norleucine]minigastrin-II. Biological Chemistry Hoppe-Seyler, 1987, 368, 1363-1374.	1.4	10
104	Peptides and Peptidomimetics in Medicinal Chemistry. , 0, , .		2