

Paolo Ruzza

List of Publications by Year in descending order

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104
papers

1,757
citations

304368

22
h-index

329751

37
g-index

104
all docs

104
docs citations

104
times ranked

2513
citing authors

#	ARTICLE	IF	CITATIONS
1	Carnosine and Carnosine-Related Antioxidants: A Review. <i>Current Medicinal Chemistry</i> , 2005, 12, 2293-2315.	1.2	258
2	Flavonoids diosmetin and luteolin inhibit midazolam metabolism by human liver microsomes and recombinant CYP 3A4 and CYP3A5 enzymes. <i>Biochemical Pharmacology</i> , 2008, 75, 1426-1437.	2.0	86
3	Glutathione Transferases as Targets for Cancer Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2009, 9, 763-777.	0.9	72
4	Neuroprotective actions of a histidine analogue in models of ischemic stroke. <i>Journal of Neurochemistry</i> , 2007, 101, 729-736.	2.1	62
5	Ceftriaxone Blocks the Polymerization of α -Synuclein and Exerts Neuroprotective Effects in Vitro. <i>ACS Chemical Neuroscience</i> , 2014, 5, 30-38.	1.7	60
6	Synthetic peptide substrates for casein kinase 2. Assessment of minimum structural requirements for phosphorylation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1988, 971, 332-338.	1.9	55
7	Specificity of T-cell protein tyrosine phosphatase toward phosphorylated synthetic peptides. <i>FEBS Journal</i> , 1993, 211, 289-295.	0.2	55
8	Therapeutic prospect of Syk inhibitors. <i>Expert Opinion on Therapeutic Patents</i> , 2009, 19, 1361-1376.	2.4	55
9	Small molecules interacting with α -synuclein: antiaggregating and cytoprotective properties. <i>Amino Acids</i> , 2013, 45, 327-338.	1.2	52
10	A synthetic hexapeptide designed to resemble a proteinaceous α -loop nest is shown to bind inorganic phosphate. <i>Proteins: Structure, Function and Bioinformatics</i> , 2012, 80, 1418-1424.	1.5	46
11	Antamanide, a Derivative of <i>Amanita phalloides</i> , Is a Novel Inhibitor of the Mitochondrial Permeability Transition Pore. <i>PLoS ONE</i> , 2011, 6, e16280.	1.1	44
12	Glutathione Transferase (GST)-Activated Prodrugs. <i>Pharmaceutics</i> , 2013, 5, 220-231.	2.0	41
13	Tat cell-penetrating peptide has the characteristics of a poly(proline) II helix in aqueous solution and in SDS micelles. <i>Journal of Peptide Science</i> , 2004, 10, 423-426.	0.8	36
14	Synthesis and Evaluation of Neuroprotective α , β -Unsaturated Aldehyde Scavenger Histidyl-Containing Analogues of Carnosine. <i>Journal of Medicinal Chemistry</i> , 2005, 48, 6156-6161.	2.9	33
15	Isolation of a tyrosinase inhibitor from unripe grapes juice: A spectrophotometric study. <i>Food Chemistry</i> , 2020, 305, 125506.	4.2	33
16	Conformation and ion binding properties of peptides related to calcium binding domain III of bovine brain calmodulin. <i>Biopolymers</i> , 1989, 28, 353-369.	1.2	30
17	Cell-Penetrating Peptides: A Comparative Study on Lipid Affinity and Cargo Delivery Properties. <i>Pharmaceutics</i> , 2010, 3, 1045-1062.	1.7	26
18	^{99m}Tc -Radiolabelled Peptides for Tumour Imaging: Present and Future. <i>Current Medicinal Chemistry</i> , 2010, 17, 2656-2683.	1.2	26

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19	Effects of Trehalose on Thermodynamic Properties of Alpha-synuclein Revealed through Synchrotron Radiation Circular Dichroism. <i>Biomolecules</i> , 2015, 5, 724-734.	1.8	26
20	Synthesis and biological activity of an Anderson polyoxometalate bis-functionalized with a bombesin analog peptide. <i>Peptide Science</i> , 2018, 110, e24047.	1.0	26
21	Ion-binding and pharmacological properties of Tyr6 and Tyr9 antamanide analogs. <i>Chemical Biology and Drug Design</i> , 1999, 53, 442-452.	1.2	24
22	Malondialdehyde scavenging and aldose-derived Schiff bases™ transglycation properties of synthetic histidyl-hydrazide carnosine analogs. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 6158-6163.	1.4	24
23	Synthetic peptides reproducing the EGF-receptor segment homologous to the pp60v-src phosphoacceptor site. Phosphorylation by tyrosine protein kinases. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1989, 1012, 191-195.	1.9	22
24	4-Fluoroproline derivative peptides: effect on PPII conformation and SH3 affinity. <i>Journal of Peptide Science</i> , 2006, 12, 462-471.	0.8	21
25	Enhancing the biological activity of polyoxometalate peptide nano-fibrils by spacer design. <i>RSC Advances</i> , 2021, 11, 4952-4957.	1.7	21
26	Hydroxylated biphenyls as tyrosinase inhibitor: A spectrophotometric and electrochemical study. <i>European Journal of Medicinal Chemistry</i> , 2017, 126, 1034-1038.	2.6	20
27	The Secondary Structure of a Major Wine Protein is Modified upon Interaction with Polyphenols. <i>Molecules</i> , 2020, 25, 1646.	1.7	18
28	Complexation of the calcium cation with antamanide: an experimental and theoretical study. <i>Molecular Physics</i> , 2015, 113, 1472-1477.	0.8	16
29	H-Content Is Not Predictive of Perfluorocarbon Ocular Endothelium Cytotoxicity in Vitro. <i>ACS Omega</i> , 2019, 4, 13481-13487.	1.6	16
30	Fluorescent, internally quenched, peptides for exploring the pH-dependent substrate specificity of cathepsin B. <i>Journal of Peptide Science</i> , 2006, 12, 455-461.	0.8	15
31	Interactions of GFAP with ceftriaxone and phenytoin: SRCD and molecular docking and dynamic simulation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 2239-2248.	1.1	15
32	Phosphorylation of small peptides by spleen TPK-IIA, a tyrosine protein kinase stimulated by polylysine and by high ionic strength. <i>FEBS Letters</i> , 1989, 254, 145-149.	1.3	14
33	An Exploration of the Effects of Constraints on the Phosphorylation of Synthetic Protein Tyrosine Kinase Peptide Substrates. <i>Journal of Peptide Science</i> , 1996, 2, 325-338.	0.8	14
34	Recognition of lysine-rich peptide ligands by murine cortactin SH3 domain: CD, ITC, and NMR studies. <i>Biopolymers</i> , 2010, 94, 298-306.	1.2	14
35	Spectroscopy reveals that ethyl esters interact with proteins in wine. <i>Food Chemistry</i> , 2017, 217, 373-378.	4.2	14
36	Linear and cyclic synthetic peptides related to the main autophosphorylation site of the Src tyrosine kinases as substrates and inhibitors of Lyn. <i>International Journal of Peptide and Protein Research</i> , 1995, 45, 529-539.	0.1	13

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37	Radiolabeled peptide-receptor ligands in tumor imaging. <i>Expert Opinion on Medical Diagnostics</i> , 2011, 5, 411-424.	1.6	13
38	Free Radicals and ROS Induce Protein Denaturation by UV Photostability Assay. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6512.	1.8	13
39	Solution conformational analysis of sodium complexed [Gly6].- and [Gly9].-antamanide analogs. <i>Chemical Biology and Drug Design</i> , 2009, 51, 180-187.	1.2	12
40	Specific monitoring of Syk protein kinase activity by peptide substrates including constrained analogs of tyrosine. <i>FEBS Letters</i> , 2002, 523, 48-52.	1.3	11
41	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. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 4973-4976.	2.9	11
42	Experimental and theoretical study on interaction of the barium cation with antamanide. <i>Journal of Molecular Structure</i> , 2014, 1065-1066, 61-64.	1.8	11
43	Synthesis of Human [15-Norleucine]little-gastrin-II and Des-1-tryptophan-[12-norleucine]minigastrin-II. <i>Biological Chemistry Hoppe-Seyler</i> , 1987, 368, 1363-1374.	1.4	10
44	Synthesis of a conformationally constrained tyrosine-glycine dipeptide mimetic: design of a potential substrate of Syk kinase. <i>Tetrahedron Letters</i> , 2002, 43, 3769-3771.	0.7	10
45	Conformational constraints of tyrosine in protein tyrosine kinase substrates: Information about preferred bioactive side-chain orientation. <i>Biopolymers</i> , 2003, 71, 478-488.	1.2	10
46	Spatial Conformation and Topography of the Tyrosine Aromatic Ring in Substrate Recognition by Protein Tyrosine Kinases. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 1916-1924.	2.9	10
47	Peptide-Receptor Ligands and Multivalent Approach. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2012, 12, 416-427.	0.9	10
48	The SH3 domain of HS1 protein recognizes lysine-rich polyproline motifs. <i>Amino Acids</i> , 2012, 42, 1361-1370.	1.2	10
49	Melanoma targeting with [^{99m} Tc(N)(PNP3)]-labeled \pm -melanocyte stimulating hormone peptide analogs: Effects of cyclization on the radiopharmaceutical properties. <i>Nuclear Medicine and Biology</i> , 2016, 43, 788-801.	0.3	10
50	Synthesis and Studies of the Inhibitory Effect of Hydroxylated Phenylpropanoids and Biphenols Derivatives on Tyrosinase and Laccase Enzymes. <i>Molecules</i> , 2020, 25, 2709.	1.7	10
51	The impact of either 4-R-hydroxyproline or 4-R-fluoroproline on the conformation and SH3m-cort binding of HPK1 proline-rich peptide. <i>Amino Acids</i> , 2013, 44, 607-614.	1.2	9
52	Assessment of the best N3 ⁺ donors in preparation of [M(N)(PNP)]-based (M= ^{99m} Tc-; ¹⁸⁸ Re) target-specific radiopharmaceuticals: Comparison among succinic dihydrazide (SDH), N-methyl-S-methyl dithiocarbazate (HDTCZ) and PEGylated N-methyl-S-methyl dithiocarbazate (HO2C-PEG600-DTCZ). <i>Nuclear Medicine and Biology</i> , 2014, 41, 570-581.	0.3	9
53	Affinity capillary electrophoresis employed for determination of stability constants of antamanide complexes with univalent and divalent cations in methanol. <i>Electrophoresis</i> , 2019, 40, 2321-2328.	1.3	9
54	Application of Circular Dichroism and Fluorescence Spectroscopies To Assess Photostability of Water-Soluble Porcine Lens Proteins. <i>ACS Omega</i> , 2020, 5, 4293-4301.	1.6	9

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55	An Angiopep2-PAPTP Construct Overcomes the Blood-Brain Barrier. New Perspectives against Brain Tumors. <i>Pharmaceuticals</i> , 2021, 14, 129.	1.7	9
56	Complexation of Li ⁺ with antamanide: an experimental and theoretical study. <i>Monatshefte für Chemie</i> , 2014, 145, 1051-1054.	0.9	8
57	Influence of small molecules on the photostability of water soluble porcine lens proteins. <i>Chirality</i> , 2020, 32, 611-618.	1.3	8
58	Removal of benzhydryl-glycolamide (OBg) group with tetrabutylammonium fluoride. <i>Tetrahedron Letters</i> , 1996, 37, 5191-5194.	0.7	7
59	Mechanistic studies of amide bond scission during acidolytic deprotection of Pip containing peptide. <i>Journal of Peptide Science</i> , 2008, 14, 989-997.	0.8	7
60	Experimental and theoretical study on interaction of the potassium cation with antamanide. <i>Chemical Physics</i> , 2014, 433, 85-88.	0.9	7
61	Affinity capillary electrophoresis and quantum mechanical calculations applied to investigation of [Gly ⁶]-antamanide binding with sodium and potassium ions. <i>Electrophoresis</i> , 2017, 38, 1551-1559.	1.3	7
62	Peptides as Modulators of α -Synuclein Aggregation. <i>Protein and Peptide Letters</i> , 2015, 22, 354-361.	0.4	7
63	Antennapedia/HS1 chimeric phosphotyrosyl peptide: Conformational properties, binding capability to c-Fgr SH2 domain and cell permeability. <i>Biopolymers</i> , 2001, 60, 290-306.	1.2	6
64	Synthetic peptides including acidic clusters as substrates of yeast casein kinase-2. <i>International Journal of Peptide and Protein Research</i> , 1990, 36, 374-380.	0.1	6
65	Synthesis and conformational studies on peptides corresponding to a putative autophosphorylation site of abl TPK*. <i>International Journal of Peptide and Protein Research</i> , 2009, 41, 291-299.	0.1	6
66	Extraction and theoretical study on complexation of the strontium cation with antamanide. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 300, 1291-1294.	0.7	6
67	Chaperone-like effect of ceftriaxone on HEWL aggregation: A spectroscopic and computational study. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2018, 1862, 1317-1326.	1.1	6
68	Interaction of a Short Peptide with G-Quadruplex-Forming Sequences: An SRCD and CD Study. <i>Pharmaceuticals</i> , 2021, 13, 1104.	2.0	6
69	Separation of acidic peptides by reversed-phase ion-pair chromatography. <i>Journal of Chromatography A</i> , 1991, 548, 329-334.	1.8	5
70	N-benzhydryl-glycolamide: The first protecting group in peptide synthesis with a strong conformational bias. <i>Biopolymers</i> , 2003, 71, 17-27.	1.2	5
71	Synthetic Tyr ⁶ -phospho and non-hydrolyzable phosphonopeptides as PTKs and TC-PTP inhibitors*. <i>International Journal of Peptide and Protein Research</i> , 1995, 46, 535-546.	0.1	5
72	Interaction of the univalent thallium cation with antamanide: Experimental and theoretical study. <i>Journal of Molecular Structure</i> , 2014, 1064, 107-110.	1.8	5

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73	Conformational and binding studies on peptides related to domains I and III of calmodulin. <i>Biopolymers</i> , 1991, 31, 671-681.	1.2	4
74	Affinity capillary electrophoresis and density functional theory study of noncovalent interactions of cyclic peptide [Gly ⁶]-antamanide with small cations. <i>Electrophoresis</i> , 2017, 38, 2025-2033.	1.3	4
75	Synergistic Extraction of Some Univalent Cations from Water into Nitrobenzene Using Sodium Dicarbolylcobaltate and Antamanide. <i>Journal of Solution Chemistry</i> , 2017, 46, 1121-1130.	0.6	4
76	Probing the E/K Peptide Coiled-Coil Assembly by Double Electron-Electron Resonance and Circular Dichroism. <i>Biochemistry</i> , 2021, 60, 19-30.	1.2	4
77	Free Radical Generation in Far-UV Synchrotron Radiation Circular Dichroism Assays-Protein and Buffer Composition Contribution. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11325.	1.8	4
78	Antamanide Analogs as Potential Inhibitors of Tyrosinase. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6240.	1.8	4
79	Protonation of antamanide: Experimental and theoretical study. <i>Journal of Molecular Liquids</i> , 2014, 196, 163-166.	2.3	3
80	Influence of the reducing environment in the misfolding of wine proteins. <i>Advances in Protein Chemistry and Structural Biology</i> , 2019, 118, 413-436.	1.0	3
81	Impact of Different [Tc(N)PNP]-Scaffolds on the Biological Properties of the Small cRGDFK Peptide: Synthesis, In Vitro and In Vivo Evaluations. <i>Molecules</i> , 2022, 27, 2548.	1.7	3
82	Synthesis of the dodecapeptide corresponding to domain III of bovine brain calmodulin: Shift side reactions during the synthesis by the classical method in solution. <i>Biopolymers</i> , 1989, 28, 333-352.	1.2	2
83	Separation of acidic protein tyrosine kinase substrates by strong anion-exchange chromatography. <i>Journal of Chromatography A</i> , 1998, 813, 277-283.	1.8	2
84	Linear and cyclic peptides as substrates for Lyn tyrosine kinase. , 1998, 4, 33-45.		2
85	Title is missing!. <i>International Journal of Peptide Research and Therapeutics</i> , 2000, 7, 79-83.	0.1	2
86	Peptides and Peptidomimetics in Medicinal Chemistry. , 0, , .		2
87	Spectroscopy data of ceftriaxone-lysozyme interaction and computational studies. <i>Data in Brief</i> , 2018, 18, 1808-1818.	0.5	2
88	Synthesis and biological activities of cyclic lactam peptides as substrates for non-receptors PTKs. <i>International Journal of Peptide Research and Therapeutics</i> , 1999, 6, 117-121.	0.1	1
89	Solid-phase synthesis of an Htc-containing dimer analog of the autophosphorylation site of pp60 src PTK: Effective acylation conditions for Htc residues. <i>International Journal of Peptide Research and Therapeutics</i> , 2000, 7, 79-83.	0.1	1
90	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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91	Effect of 4-Fluoro-L-proline on the SH3 Binding Affinity. <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 499-500.	0.8	1
92	Extraction and DFT study on complexation of the barium cation with [Gly ⁶]-antamanide. <i>Journal of Molecular Structure</i> , 2017, 1146, 198-202.	1.8	1
93	Effect of Trehalose and Ceftriaxone on the Stability of Aggregating-Prone Tau Peptide Containing PHF6* Sequence: An SRCD Study. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2932.	1.8	1
94	Title is missing!. <i>International Journal of Peptide Research and Therapeutics</i> , 1998, 5, 71-73.	0.1	0
95	Synthesis, conformational and pharmacological studies on dermorphin N-terminal tetrapeptide analogues. <i>International Journal of Peptide Research and Therapeutics</i> , 1998, 5, 71-73.	0.1	0
96	Synthesis and biological activities of cyclic lactam peptides as substrates for non-receptors PTKs. <i>International Journal of Peptide Research and Therapeutics</i> , 1999, 6, 117-121.	0.1	0
97	Synthesis and Evaluation of Neuroprotective $\hat{1}\pm, \hat{1}^2$ -Unsaturated Aldehyde Scavenger Histidyl-containing Analogs of Carnosine. , 2006, , 491-492.		0
98	Fluorescence Resonance Energy Transfer Substrates for Determining Cathepsin B pH Specificity. , 2006, , 417-418.		0
99	EDITORIAL [Hot Topic: Peptide-Receptor Ligands in Imaging and Therapy of Cancer (Guest Editor: Dr.) Tj ETQq1 1 0,784314 rgBT /Ove	0.9	0
100	Experimental and theoretical study on complexation of the lithium cation with [Gly ⁶]-antamanide. <i>Molecular Physics</i> , 2017, 115, 465-471.	0.8	0
101	Experimental and theoretical study on complexation of the calcium cation with [Gly ⁶]-antamanide. <i>Journal of Molecular Liquids</i> , 2017, 242, 423-427.	2.3	0
102	Introduction of N-alkyl Residues in Proline-rich Peptides: Effect on SH3 Binding Affinity and Peptide Conformation. <i>Advances in Experimental Medicine and Biology</i> , 2009, 611, 65-66.	0.8	0
103	Analogs of the main autophosphorylation site of pp60src PTK as substrates for Syk and Src PTKs. , 2002, , 611-612.		0
104	Studies on Interaction of CaM with CaM-Binding Peptides M13 and RS20 in the Presence of Al ³⁺ Ions. , 2006, , 479-480.		0