

# Giancarlo Aldini

## List of Publications by Year in descending order

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224  
papers

11,335  
citations

22099

59  
h-index

35952

97  
g-index

241  
all docs

241  
docs citations

241  
times ranked

13300  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel insights about albumin in cardiovascular diseases: Focus on heart failure. <i>Mass Spectrometry Reviews</i> , 2023, 42, 1113-1128.	2.8	19
2	Oxidative Stress Modulation by Carnosine in Scaffold Free Human Dermis Spheroids Model: A Proteomic Study. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1468.	1.8	8
3	N-Acetylcysteine Inhibits Platelet Function through the Regeneration of the Non-Oxidative Form of Albumin. <i>Antioxidants</i> , 2022, 11, 445.	2.2	8
4	The ergogenic effect of acute carnosine and anserine supplementation: dosing, timing, and underlying mechanism. <i>Journal of the International Society of Sports Nutrition</i> , 2022, 19, 70-91.	1.7	8
5	Cyclo(His-Pro) Exerts Protective Carbonyl Quenching Effects through Its Open Histidine Containing Dipeptides. <i>Nutrients</i> , 2022, 14, 1775.	1.7	4
6	In vivo detection of carnosine and its derivatives using chemical exchange saturation transfer. <i>Magnetic Resonance in Medicine</i> , 2022, 88, 1314-1323.	1.9	2
7	Liquid Chromatography-High-Resolution Mass Spectrometry (LC-HRMS) Profiling of Commercial Enocianina and Evaluation of Their Antioxidant and Anti-Inflammatory Activity. <i>Antioxidants</i> , 2022, 11, 1187.	2.2	12
8	The Therapeutic Potential of Carnosine as an Antidote against Drug-Induced Cardiotoxicity and Neurotoxicity: Focus on Nrf2 Pathway. <i>Molecules</i> , 2022, 27, 4452.	1.7	19
9	Understanding the antioxidant and carbonyl sequestering activity of carnosine: direct and indirect mechanisms. <i>Free Radical Research</i> , 2021, 55, 321-330.	1.5	50
10	Lipid Peroxidation in Atherosclerotic Cardiovascular Diseases. <i>Antioxidants and Redox Signaling</i> , 2021, 34, 49-98.	2.5	52
11	Analytical Profile and Antioxidant and Anti-Inflammatory Activities of the Enriched Polyphenol Fractions Isolated from Bergamot Fruit and Leave. <i>Antioxidants</i> , 2021, 10, 141.	2.2	32
12	(Z)-5-(3,4-Bis(benzyloxy)benzylidene)furan-2(5H)-one. <i>MolBank</i> , 2021, 2021, M1193.	0.2	3
13	In-Depth AGE and ALE Profiling of Human Albumin in Heart Failure: Ex Vivo Studies. <i>Antioxidants</i> , 2021, 10, 358.	2.2	4
14	Cyclooxygenase-2 Glycosylation Is Affected by Peroxynitrite in Endothelial Cells: Impact on Enzyme Activity and Degradation. <i>Antioxidants</i> , 2021, 10, 496.	2.2	5
15	Protein network analyses of pulmonary endothelial cells in chronic thromboembolic pulmonary hypertension. <i>Scientific Reports</i> , 2021, 11, 5583.	1.6	10
16	Differentially expressed proteins obtained by label-free quantitative proteomic analysis reveal affected biological processes and functions in Western diet-induced steatohepatitis. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, 1-11.	1.4	7
17	Reactive Carbonyl Species and Protein Adducts: Identification Strategies, Biological Mechanisms and Molecular Approaches for Their Detoxification. <i>Antioxidants</i> , 2021, 10, 690.	2.2	2
18	Protocol Optimization of Proteomic Analysis of Korean Ginseng ( <i>Panax ginseng</i> Meyer). <i>Separations</i> , 2021, 8, 53.	1.1	1

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19	Lipid peroxidation derived reactive carbonyl species in free and conjugated forms as an index of lipid peroxidation: limits and perspectives. <i>Redox Biology</i> , 2021, 42, 101899.	3.9	35
20	PHoral: Effects of carnosine supplementation on quantity/quality of oral salivae in healthy volunteer and in subjects affected by common oral pathologies. <i>Medicine (United States)</i> , 2021, 100, e26369.	0.4	3
21	Gamma-oryzanol reduces renal inflammation and oxidative stress by modulating AGEs/RAGE axis in animals submitted to high sugar-fat diet. <i>Jornal Brasileiro De Nefrologia: Orgao Oficial De Sociedades Brasileira E Latino-Americana De Nefrologia</i> , 2021, 43, 460-469.	0.4	2
22	A Randomized, Double-Blind, Placebo-Controlled, Cross-Over Study to Evaluate the Efficacy of Aqualief™ Mucoadhesive Tablets in Head and Neck Cancer Patients Who Developed Radiation-Induced Xerostomia. <i>Cancers</i> , 2021, 13, 3456.	1.7	3
23	Candida albicans Biofilm Inhibition by Two Vaccinium macrocarpon (Cranberry) Urinary Metabolites: 5-(3- <sup>2</sup> ,4- <sup>2</sup> -DihydroxyPhenyl)- <sup>13</sup> -Valerolactone and 4-Hydroxybenzoic Acid. <i>Microorganisms</i> , 2021, 9, 1492.	1.6	3
24	Integratomics of Human Dermal Fibroblasts Treated with Low Molecular Weight Hyaluronic Acid. <i>Molecules</i> , 2021, 26, 5096.	1.7	2
25	Study of Carnosine™s effect on nude mice skin to prevent UV-A damage. <i>Free Radical Biology and Medicine</i> , 2021, 173, 97-103.	1.3	14
26	Effect of Extraction Solvent and Temperature on Polyphenol Profiles, Antioxidant and Anti-Inflammatory Effects of Red Grape Skin By-Product. <i>Molecules</i> , 2021, 26, 5454.	1.7	14
27	Synthesis and characterization of <sup>13</sup> C labeled carnosine derivatives for isotope dilution mass spectrometry measurements in biological matrices. <i>Talanta</i> , 2021, 235, 122742.	2.9	2
28	Amoxicillin Haptenation of $\beta$ -Enolase is Modulated by Active Site Occupancy and Acetylation. <i>Frontiers in Pharmacology</i> , 2021, 12, 807742.	1.6	1
29	Modulation of cell proteome by 25-hydroxycholesterol and 27-hydroxycholesterol: A link between cholesterol metabolism and antiviral defense. <i>Free Radical Biology and Medicine</i> , 2020, 149, 30-36.	1.3	16
30	Profiling Vaccinium macrocarpon components and metabolites in human urine and the urine ex-vivo effect on Candida albicans adhesion and biofilm-formation. <i>Biochemical Pharmacology</i> , 2020, 173, 113726.	2.0	27
31	Prothrombin is a binding partner of the human receptor of advanced glycation end products. <i>Journal of Biological Chemistry</i> , 2020, 295, 12498-12511.	1.6	5
32	S-Thiolation Targets Albumin in Heart Failure. <i>Antioxidants</i> , 2020, 9, 763.	2.2	17
33	Unveiling the molecular mechanisms underpinning biorecognition of early-glycated human serum albumin and receptor for advanced glycation end products. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 4245-4259.	1.9	7
34	N-Acetyl-Cysteine Regenerates Albumin Cys34 by a Thiol-Disulfide Breaking Mechanism: An Explanation of Its Extracellular Antioxidant Activity. <i>Antioxidants</i> , 2020, 9, 367.	2.2	28
35	Silkworm pupae as source of high-value edible proteins and of bioactive peptides. <i>Food Science and Nutrition</i> , 2020, 8, 2652-2661.	1.5	30
36	Activation Effects of Carnosine- and Histidine-Containing Dipeptides on Human Carbonic Anhydrases: A Comprehensive Study. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1761.	1.8	15

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37	Advanced quantitative proteomics to evaluate molecular effects of low-molecular-weight hyaluronic acid in human dermal fibroblasts. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 185, 113199.	1.4	13
38	Development of a direct LC-ESI-MS method for the measurement of human serum carnosinase activity. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 189, 113440.	1.4	12
39	Binding modes identification through molecular dynamic simulations: A case study with carnosine enantiomers and the Teicoplanin A2â€based chiral stationary phase. <i>Journal of Separation Science</i> , 2020, 43, 1728-1736.	1.3	11
40	In Vitro Aging of Human Skin Fibroblasts: Age-Dependent Changes in 4-Hydroxynonenal Metabolism. <i>Antioxidants</i> , 2020, 9, 150.	2.2	4
41	The Disposal of Reactive Carbonyl Species through Carnosine Conjugation: What We Know Now. <i>Current Medicinal Chemistry</i> , 2020, 27, 1726-1743.	1.2	9
42	Carnosine supplementation reduces plasma soluble transferrin receptor in healthy overweight or obese individuals: a pilot randomised trial. <i>Amino Acids</i> , 2019, 51, 73-81.	1.2	10
43	Pro-oxidant and pro-inflammatory effects of glycated albumin on cardiomyocytes. <i>Free Radical Biology and Medicine</i> , 2019, 144, 245-255.	1.3	28
44	Differentially Expressed Proteins in Primary Endothelial Cells Derived From Patients With Acute Myocardial Infarction. <i>Hypertension</i> , 2019, 74, 947-956.	1.3	10
45	Protective Effect of Tomato-Oleoresin Supplementation on Oxidative Injury Recovers Cardiac Function by Improving Î²-Adrenergic Response in a Diet-Obesity Induced Model. <i>Antioxidants</i> , 2019, 8, 368.	2.2	16
46	Development and validation of a HPLC method for the direct separation of carnosine enantiomers and analogues in dietary supplements. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1126-1127, 121747.	1.2	5
47	Development of a direct ESI-MS method for measuring the tannin precipitation effect of proline-rich peptides and in silico studies on the proline role in tannin-protein interactions. <i>FÃtoterapÃ</i> , 2019, 136, 104163.	1.1	2
48	Colostrum from cows immunized with a veterinary vaccine against bovine rotavirus displays enhanced in vitro anti-human rotavirus activity. <i>Journal of Dairy Science</i> , 2019, 102, 4857-4869.	1.4	16
49	Phenolic profiles and anti-inflammatory activities of sixteen table grape (<i>Vitis vinifera</i>L.) varieties. <i>Food and Function</i> , 2019, 10, 1797-1807.	2.1	56
50	Ripe and Raw Pu-Erh Tea: LC-MS Profiling, Antioxidant Capacity and Enzyme Inhibition Activities of Aqueous and Hydro-Alcoholic Extracts. <i>Molecules</i> , 2019, 24, 473.	1.7	18
51	Advanced lipoxidation end products (ALEs) as RAGE binders: Mass spectrometric and computational studies to explain the reasons why. <i>Redox Biology</i> , 2019, 23, 101083.	3.9	33
52	Insights into the effects of N-glycosylation on the characteristics of the VC1 domain of the human receptor for advanced glycation end products (RAGE) secreted by <i>Pichia pastoris</i> . <i>Glycoconjugate Journal</i> , 2019, 36, 27-38.	1.4	5
53	Mass Spectrometry-based Label-free Quantitative Proteomics To Study the Effect of 3PO Drug at Cellular Level. <i>ACS Medicinal Chemistry Letters</i> , 2019, 10, 577-583.	1.3	4
54	Development and validation of a sensitive LCâ€MS/MS assay for the quantification of anserine in human plasma and urine and its application to pharmacokinetic study. <i>Amino Acids</i> , 2019, 51, 103-114.	1.2	24

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55	FLA-16, a novel bioavailable carnosinase-resistant carnosine derivative, prevents onset and stops progression of diabetic nephropathy in db/db mice. <i>British Journal of Pharmacology</i> , 2018, 175, 53-66.	2.7	32
56	Direct HPLC separation of carnosine enantiomers with two chiral stationary phases based on penicillamine and teicoplanin derivatives. <i>Journal of Separation Science</i> , 2018, 41, 1240-1246.	1.3	11
57	Data on thermal and hydrolytic stability of both domiphen bromide and para-bromodomiphen bromide. <i>Data in Brief</i> , 2018, 20, 1363-1366.	0.5	2
58	Carnosine Supplementation Improves Serum Resistin Concentrations in Overweight or Obese Otherwise Healthy Adults: A Pilot Randomized Trial. <i>Nutrients</i> , 2018, 10, 1258.	1.7	19
59	Isotopic labelling for the characterisation of HNE-sequestering agents in plant-based extracts and its application for the identification of anthocyanidins in black rice with giant embryo. <i>Free Radical Research</i> , 2018, 52, 896-906.	1.5	7
60	N-Acetylcysteine as an antioxidant and disulphide breaking agent: the reasons why. <i>Free Radical Research</i> , 2018, 52, 751-762.	1.5	479
61	MS methods to study macromolecule-ligand interaction: Applications in drug discovery. <i>Methods</i> , 2018, 144, 152-174.	1.9	6
62	Stressed degradation studies of domiphen bromide by LC-ESI-MS/MS identify a novel promising antimicrobial agent. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 159, 224-228.	1.4	10
63	A carnosine analog mitigates metabolic disorders of obesity by reducing carbonyl stress. <i>Journal of Clinical Investigation</i> , 2018, 128, 5280-5293.	3.9	80
64	Carnosine Supplementation Reduces Plasma Soluble Transferrin Receptor in Healthy Overweight or Obese Individuals: A Pilot Randomised Trial. <i>Diabetes</i> , 2018, 67, .	0.3	0
65	Carnosine Supplementation Improves Serum Resistin Concentrations in Overweight or Obese but Otherwise Healthy Sedentary Adults: Results From Randomised Controlled Trial. <i>Diabetes</i> , 2018, 67, 777-P.	0.3	0
66	A capture method based on the VC1 domain reveals new binding properties of the human receptor for advanced glycation end products (RAGE). <i>Redox Biology</i> , 2017, 11, 275-285.	3.9	16
67	Regulatory landscape of AGE-RAGE-oxidative stress axis and its modulation by PPAR $\gamma$ activation in high fructose diet-induced metabolic syndrome. <i>Nutrition and Metabolism</i> , 2017, 14, 5.	1.3	29
68	Enzymatic and non-enzymatic detoxification of 4-hydroxynonenal: Methodological aspects and biological consequences. <i>Free Radical Biology and Medicine</i> , 2017, 111, 328-344.	1.3	60
69	Pharmacokinetic profile of bilberry anthocyanins in rats and the role of glucose transporters: LC-MS/MS and computational studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 144, 112-121.	1.4	32
70	Carnosine Attenuates the Development of both Type 2 Diabetes and Diabetic Nephropathy in BTBR ob/ob Mice. <i>Scientific Reports</i> , 2017, 7, 44492.	1.6	100
71	Quenching activity of carnosine derivatives towards reactive carbonyl species: Focus on methylglyoxal and malondialdehyde dicarbonyls. <i>Biochemical and Biophysical Research Communications</i> , 2017, 492, 487-492.	1.0	26
72	Key factors regulating protein carbonylation by $\alpha,\beta$ unsaturated carbonyls: A structural study based on a retrospective meta-analysis. <i>Biophysical Chemistry</i> , 2017, 230, 20-26.	1.5	3

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73	Effect of carnosine supplementation on the plasma lipidome in overweight and obese adults: a pilot randomised controlled trial. <i>Scientific Reports</i> , 2017, 7, 17458.	1.6	23
74	LC-MS/MS Identification of Species-Specific Muscle Peptides in Processed Animal Proteins. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 10638-10650.	2.4	13
75	Adduct Formation and Context Factors in Drug Hypersensitivity: Insight from Proteomic Studies. <i>Current Pharmaceutical Design</i> , 2017, 22, 6748-6758.	0.9	13
76	Targeting Reactive Carbonyl Species with Natural Sequestering Agents. <i>Molecules</i> , 2016, 21, 280.	1.7	22
77	Effects of carnosine supplementation on glucose metabolism: Pilot clinical trial. <i>Obesity</i> , 2016, 24, 1027-1034.	1.5	116
78	Reactivity, Selectivity, and Reaction Mechanisms of Aminoguanidine, Hydralazine, Pyridoxamine, and Carnosine as Sequestering Agents of Reactive Carbonyl Species: A Comparative Study. <i>ChemMedChem</i> , 2016, 11, 1778-1789.	1.6	57
79	A carnosine intervention study in overweight human volunteers: bioavailability and reactive carbonyl species sequestering effect. <i>Scientific Reports</i> , 2016, 6, 27224.	1.6	53
80	Albumin Cys34 adducted by acrolein as a marker of oxidative stress in ischemia-reperfusion injury during hepatectomy. <i>Free Radical Research</i> , 2016, 50, 831-839.	1.5	13
81	Computational approaches in the rational design of improved carbonyl quenchers: focus on histidine containing dipeptides. <i>Future Medicinal Chemistry</i> , 2016, 8, 1721-1737.	1.1	21
82	Set-up and application of an analytical approach for the quality control of purified colostrum as food supplement. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1028, 130-144.	1.2	4
83	An in depth proteomic analysis based on ProteoMiner, affinity chromatography and nano-HPLC-MS/MS to explain the potential health benefits of bovine colostrum. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 121, 297-306.	1.4	17
84	Coffee silver skin as a source of polyphenols: High resolution mass spectrometric profiling of components and antioxidant activity. <i>Journal of Functional Foods</i> , 2016, 20, 472-485.	1.6	53
85	Extracellular thermostable proteolytic activity of the milk spoilage bacterium <i>Pseudomonas fluorescens</i> PS19 on bovine caseins. <i>Journal of Dairy Science</i> , 2016, 99, 4188-4195.	1.4	22
86	Serum albumin as a probe for testing the selectivity of irreversible cysteine protease inhibitors: The case of vinyl sulfones. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 124, 294-302.	1.4	6
87	Physiological and therapeutic effects of carnosine on cardiometabolic risk and disease. <i>Amino Acids</i> , 2016, 48, 1131-1149.	1.2	63
88	A method to produce fully characterized ubiquitin covalently modified by 4-hydroxy-nonenal, glyoxal, methylglyoxal, and malondialdehyde. <i>Free Radical Research</i> , 2016, 50, 328-336.	1.5	9
89	The secrets of Oriental panacea: <i>Panax ginseng</i> . <i>Journal of Proteomics</i> , 2016, 130, 150-159.	1.2	18
90	Foam cell derived 4-hydroxynonenal induces endothelial cell senescence in a TXNIP-dependent manner. <i>Journal of Cellular and Molecular Medicine</i> , 2015, 19, 1887-1899.	1.6	42

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91	An improved expression system for the VC1 ligand binding domain of the receptor for advanced glycation end products in <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , 2015, 114, 48-57.	0.6	8
92	Protein lipoxidation: Detection strategies and challenges. <i>Redox Biology</i> , 2015, 5, 253-266.	3.9	75
93	Plasma carnosine, but not muscle carnosine, attenuates high-fat diet-induced metabolic stress. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 868-876.	0.9	18
94	CHAPTER 8. Carnosine and Derivatives as Inhibitors of Protein Covalent Modifications Induced by Reactive Carbonyl Species. <i>Food and Nutritional Components in Focus</i> , 2015, , 139-169.	0.1	8
95	Muscle Carnosine Is Associated with Cardiometabolic Risk Factors in Humans. <i>PLoS ONE</i> , 2015, 10, e0138707.	1.1	29
96	Biological functions of histidine-dipeptides and metabolic syndrome. <i>Nutrition Research and Practice</i> , 2014, 8, 3.	0.7	45
97	Bioavailability of plant pigment phytochemicals in <i>Angelica keiskei</i> in older adults: A pilot absorption kinetic study. <i>Nutrition Research and Practice</i> , 2014, 8, 550.	0.7	9
98	Fat-Soluble Bioactive Components in Colored Rice Varieties. <i>Journal of Medicinal Food</i> , 2014, 17, 1134-1141.	0.8	20
99	Pathophysiology of tobacco smoke exposure: Recent insights from comparative and redox proteomics. <i>Mass Spectrometry Reviews</i> , 2014, 33, 183-218.	2.8	39
100	A novel high resolution MS approach for the screening of 4-hydroxy-trans-2-nonenal sequestering agents. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 91, 108-118.	1.4	17
101	Online Microreactor Titanium Dioxide RPLC-LTQ-Orbitrap MS Automated Platform for Shotgun Analysis of (Phospho) Proteins in Human Amniotic Fluid. <i>Chromatographia</i> , 2014, 77, 39-50.	0.7	2
102	Novel molecular approaches for improving enzymatic and nonenzymatic detoxification of 4-hydroxynonenal: toward the discovery of a novel class of bioactive compounds. <i>Free Radical Biology and Medicine</i> , 2014, 69, 145-156.	1.3	36
103	Mass Spectrometric Strategies for the Identification and Characterization of Human Serum Albumin Covalently Adducted by Amoxicillin: <i>Ex Vivo</i> Studies. <i>Chemical Research in Toxicology</i> , 2014, 27, 1566-1574.	1.7	29
104	Advanced glycation end products of beta2-microglobulin in uremic patients as determined by high resolution mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 91, 193-201.	1.4	7
105	Oxidative Stress and Chronic Renal Disease – Clinical Aspects. , 2014, , 2625-2644.		1
106	Molecular strategies to prevent, inhibit, and degrade advanced glycoxidation and advanced lipoxidation end products. <i>Free Radical Research</i> , 2013, 47, 93-137.	1.5	132
107	Separation and characterisation of beta2-microglobulin folding conformers by ion-exchange liquid chromatography and ion-exchange liquid chromatography–mass spectrometry. <i>Analytica Chimica Acta</i> , 2013, 771, 108-114.	2.6	16
108	Human serum albumin cysteinylolation is increased in end stage renal disease patients and reduced by hemodialysis: mass spectrometry studies. <i>Free Radical Research</i> , 2013, 47, 172-180.	1.5	45

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109	Advanced glycoxidation and lipoxidation end products (AGEs and ALEs): an overview of their mechanisms of formation. <i>Free Radical Research</i> , 2013, 47, 3-27.	1.5	602
110	Physiology and Pathophysiology of Carnosine. <i>Physiological Reviews</i> , 2013, 93, 1803-1845.	13.1	763
111	Exploring the space of histidine containing dipeptides in search of a novel efficient RCS sequestering agents. <i>European Journal of Medicinal Chemistry</i> , 2013, 66, 153-160.	2.6	15
112	Lemon peel and Limoncello liqueur: A proteomic duet. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 1484-1491.	1.1	14
113	Special issue on "AGEs and ALEs: chemistry, physiopathology and molecular strategies for their inhibition". <i>Free Radical Research</i> , 2013, 47, 1-2.	1.5	1
114	Mass spectrometric approaches for the identification and quantification of reactive carbonyl species protein adducts. <i>Journal of Proteomics</i> , 2013, 92, 28-50.	1.2	47
115	Novel Therapeutic Strategy to Prevent Chemotherapy-Induced Persistent Sensory Neuropathy By TRPA1 Blockade. <i>Cancer Research</i> , 2013, 73, 3120-3131.	0.4	151
116	Oryzanol inhibits the adipogenesis of adipose-derived human mesenchymal stem cells. <i>FASEB Journal</i> , 2013, 27, 1b246.	0.2	0
117	Low plasma carnosinase activity promotes carnosinemia after carnosine ingestion in humans. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 302, F1537-F1544.	1.3	71
118	Protein haptentation by amoxicillin: High resolution mass spectrometry analysis and identification of target proteins in serum. <i>Journal of Proteomics</i> , 2012, 77, 504-520.	1.2	71
119	Carnosine octylester attenuates atherosclerosis and renal disease in ApoE null mice fed a Western diet through reduction of carbonyl stress and inflammation. <i>British Journal of Pharmacology</i> , 2012, 166, 1344-1356.	2.7	72
120	Molecular Recognition of T:G Mismatched Base Pairs in DNA as Studied by Electrospray Ionization Mass Spectrometry. <i>ChemMedChem</i> , 2012, 7, 1112-1122.	1.6	5
121	Transforming dietary peptides in promising lead compounds: the case of bioavailable carnosine analogs. <i>Amino Acids</i> , 2012, 43, 111-126.	1.2	29
122	Oxidative damage in human gingival fibroblasts exposed to cigarette smoke. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1584-1596.	1.3	73
123	Editorial [Hot Topic: Advanced Analytical Strategies for Recombinant Therapeutic Proteins (Guest) Tj ETQq1 1 0.784314 rgBT <sub>2</sub> /Overlook	0.9	
124	What We Know About Oxidative Stress in Patients with Chronic Kidney Disease on Dialysis" Clinical Effects, Potential Treatment, and Prevention. <i>Seminars in Dialysis</i> , 2011, 24, 56-64.	0.7	94
125	The carbonyl scavenger carnosine ameliorates dyslipidaemia and renal function in Zucker obese rats. <i>Journal of Cellular and Molecular Medicine</i> , 2011, 15, 1339-1354.	1.6	159
126	Urinary profile of methylprednisolone acetate metabolites in patients following intra-articular and intramuscular administration. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 255-267.	1.9	17



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127	Screening of fibrillogenesis inhibitors of Î²2-microglobulin: Integrated strategies by mass spectrometry capillary electrophoresis and in silico simulations. <i>Analytica Chimica Acta</i> , 2011, 685, 153-161.	2.6	17
128	Fragmental modeling of hPepT2 and analysis of its binding features by docking studies and pharmacophore mapping. <i>Bioorganic and Medicinal Chemistry</i> , 2011, 19, 4544-4551.	1.4	6
129	An integrated high resolution mass spectrometric and informatics approach for the rapid identification of phenolics in plant extract. <i>Journal of Chromatography A</i> , 2011, 1218, 2856-2864.	1.8	31
130	Methylprednisoloneâ€loaded PLGA microspheres: A new formulation for sustained release via intraâ€articular administration. A comparison study with methylprednisolone acetate in rats. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 4580-4586.	1.6	15
131	Protein modification by acrolein: Relevance to pathological conditions and inhibition by aldehyde sequestering agents. <i>Molecular Nutrition and Food Research</i> , 2011, 55, 1301-1319.	1.5	67
132	Design, Synthesis, ADME Properties, and Pharmacological Activities of Î²â€Alanylâ€Dâ€histidine (<sc>D</sc>â€Carnosine) Prodrugs with Improved Bioavailability. <i>ChemMedChem</i> , 2011, 6, 1269-1282.	1.6	39
133	Mass Spectrometric Strategies and Their Applications for Molecular Mass Determination of Recombinant Therapeutic Proteins. <i>Current Pharmaceutical Biotechnology</i> , 2011, 12, 1548-1557.	0.9	17
134	Fibrosis, Enzymatic and Non-Enzymatic Cross-Links in Hypertensive Heart Disease. <i>Cardiovascular &amp; Hematological Disorders Drug Targets</i> , 2011, 11, 61-73.	0.2	10
135	Protein Carbonylation. <i>Antioxidants and Redox Signaling</i> , 2010, 12, 323-325.	2.5	311
136	A rapid and sensitive LCâ€ESI-MS/MS method for detection and quantitation of methylprednisolone and methylprednisolone acetate in rat plasma after intra-articular administration. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 51, 691-697.	1.4	15
137	Profiling histidine dipeptides in plasma and urine after ingesting beef, chicken or chicken broth in humans. <i>Amino Acids</i> , 2010, 38, 847-858.	1.2	75
138	A Combined Highâ€Resolution Mass Spectrometric and inâ€silico Approach for the Characterisation of Small Ligands of Î²<sub>2</sub>â€Microglobulin. <i>ChemMedChem</i> , 2010, 5, 1015-1025.	1.6	10
139	Supplementation with lutein or lutein plus green tea extracts does not change oxidative stress in adequately nourished older adults. <i>Journal of Nutritional Biochemistry</i> , 2010, 21, 544-549.	1.9	24
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