

Marina Carini

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8812085/marina-carini-publications-by-citations.pdf>

Version: 2024-04-16

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

131
papers

5,611
citations

42
h-index

71
g-index

136
ext. papers

6,249
ext. citations

4.8
avg, IF

5.42
L-index

#	Paper	IF	Citations
131	Protein carbonylation, cellular dysfunction, and disease progression. <i>Journal of Cellular and Molecular Medicine</i> , 2006 , 10, 389-406	5.6	589
130	N-Acetylcysteine as an antioxidant and disulphide breaking agent: the reasons why. <i>Free Radical Research</i> , 2018 , 52, 751-762	4	264
129	Intervention strategies to inhibit protein carbonylation by lipoxidation-derived reactive carbonyls. <i>Medicinal Research Reviews</i> , 2007 , 27, 817-68	14.4	222
128	Mass spectrometry for detection of 4-hydroxy-trans-2-nonenal (HNE) adducts with peptides and proteins. <i>Mass Spectrometry Reviews</i> , 2004 , 23, 281-305	11	158
127	Carnosine and related dipeptides as quenchers of reactive carbonyl species: from structural studies to therapeutic perspectives. <i>BioFactors</i> , 2005 , 24, 77-87	6.1	150
126	Carnosine is a quencher of 4-hydroxy-nonenal: through what mechanism of reaction?. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 298, 699-706	3.4	132
125	The carbonyl scavenger carnosine ameliorates dyslipidaemia and renal function in Zucker obese rats. <i>Journal of Cellular and Molecular Medicine</i> , 2011 , 15, 1339-54	5.6	124
124	S-nitrosation versus S-glutathionylation of protein sulfhydryl groups by S-nitrosoglutathione. <i>Antioxidants and Redox Signaling</i> , 2005 , 7, 930-9	8.4	118
123	Anti-elastase and anti-hyaluronidase activities of saponins and sapogenins from <i>Hedera helix</i> , <i>Aesculus hippocastanum</i> , and <i>Ruscus aculeatus</i> : factors contributing to their efficacy in the treatment of venous insufficiency. <i>Archiv Der Pharmazie</i> , 1995 , 328, 720-4	4.3	114
122	Procyanidins from grape seeds protect endothelial cells from peroxynitrite damage and enhance endothelium-dependent relaxation in human artery: new evidences for cardio-protection. <i>Life Sciences</i> , 2003 , 73, 2883-98	6.8	111
121	Echinacoside and caffeoyl conjugates protect collagen from free radical-induced degradation: a potential use of <i>Echinacea</i> extracts in the prevention of skin photodamage. <i>Planta Medica</i> , 1995 , 61, 510-4	3.1	95
120	Mass spectrometric characterization of covalent modification of human serum albumin by 4-hydroxy-trans-2-nonenal. <i>Journal of Mass Spectrometry</i> , 2006 , 41, 1149-61	2.2	94
119	Acetaminophen, via its reactive metabolite N-acetyl-p-benzo-quinoneimine and transient receptor potential ankyrin-1 stimulation, causes neurogenic inflammation in the airways and other tissues in rodents. <i>FASEB Journal</i> , 2010 , 24, 4904-16	0.9	92
118	Albumin is the main nucleophilic target of human plasma: a protective role against pro-atherogenic electrophilic reactive carbonyl species?. <i>Chemical Research in Toxicology</i> , 2008 , 21, 824-35	4	88
117	Effect of a standardized grape seed extract on low-density lipoprotein susceptibility to oxidation in heavy smokers. <i>Metabolism: Clinical and Experimental</i> , 2003 , 52, 1250-7	12.7	82
116	Actin Cys374 as a nucleophilic target of alpha,beta-unsaturated aldehydes. <i>Free Radical Biology and Medicine</i> , 2007 , 42, 583-98	7.8	76
115	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	2.5	74

114	Protein carbonylation: 2,4-dinitrophenylhydrazine reacts with both aldehydes/ketones and sulfenic acids. <i>Free Radical Biology and Medicine</i> , 2009 , 46, 1411-9	7.8	72
113	Identification of actin as a 15-deoxy-Delta12,14-prostaglandin J2 target in neuroblastoma cells: mass spectrometric, computational, and functional approaches to investigate the effect on cytoskeletal derangement. <i>Biochemistry</i> , 2007 , 46, 2707-18	3.2	70
112	Lipoxidation-derived reactive carbonyl species as potential drug targets in preventing protein carbonylation and related cellular dysfunction. <i>ChemMedChem</i> , 2006 , 1, 1045-58	3.7	69
111	Acrolein-sequestering ability of endogenous dipeptides: characterization of carnosine and homocarnosine/acrolein adducts by electrospray ionization tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2003 , 38, 996-1006	2.2	68
110	LC coupled to ion-trap MS for the rapid screening and detection of polyphenol antioxidants from <i>Helichrysum stoechas</i> . <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001 , 24, 517-26	3.5	66
109	HNE Michael adducts to histidine and histidine-containing peptides as biomarkers of lipid-derived carbonyl stress in urines: LC-MS/MS profiling in Zucker obese rats. <i>Analytical Chemistry</i> , 2007 , 79, 9174-84	7.8	65
108	Covalent modification of actin by 4-hydroxy-trans-2-nonenal (HNE): LC-ESI-MS/MS evidence for Cys374 Michael adduction. <i>Journal of Mass Spectrometry</i> , 2005 , 40, 946-54	2.2	65
107	Protein modification by acrolein: relevance to pathological conditions and inhibition by aldehyde sequestering agents. <i>Molecular Nutrition and Food Research</i> , 2011 , 55, 1301-19	5.9	64
106	LC-ESI-MS/MS determination of 4-hydroxy-trans-2-nonenal Michael adducts with cysteine and histidine-containing peptides as early markers of oxidative stress in excitable tissues. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 827, 109-18	3.2	63
105	Profiling histidine dipeptides in plasma and urine after ingesting beef, chicken or chicken broth in humans. <i>Amino Acids</i> , 2010 , 38, 847-58	3.5	62
104	Protein haptentation by amoxicillin: high resolution mass spectrometry analysis and identification of target proteins in serum. <i>Journal of Proteomics</i> , 2012 , 77, 504-20	3.9	61
103	Water-Soluble alpha,beta-unsaturated aldehydes of cigarette smoke induce carbonylation of human serum albumin. <i>Antioxidants and Redox Signaling</i> , 2010 , 12, 349-64	8.4	61
102	Detoxification of cytotoxic alpha,beta-unsaturated aldehydes by carnosine: characterization of conjugated adducts by electrospray ionization tandem mass spectrometry and detection by liquid chromatography/mass spectrometry in rat skeletal muscle. <i>Journal of Mass Spectrometry</i> , 2002 , 37, 1219-28	2.2	60
101	Searching for allergens in maize kernels via proteomic tools. <i>Journal of Proteomics</i> , 2009 , 72, 501-10	3.9	59
100	Fluorescent probes as markers of oxidative stress in keratinocyte cell lines following UVB exposure. <i>Il Farmaco</i> , 2000 , 55, 526-34		58
99	A tandem MS precursor-ion scan approach to identify variable covalent modification of albumin Cys34: a new tool for studying vascular carbonylation. <i>Journal of Mass Spectrometry</i> , 2008 , 43, 1470-81	2.2	56
98	Delta12-prostaglandin J2 as a product and ligand of human serum albumin: formation of an unusual covalent adduct at His146. <i>Journal of the American Chemical Society</i> , 2010 , 132, 824-32	16.4	55
97	Profiling histidine-containing dipeptides in rat tissues by liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2004 , 39, 1417-28	2.2	55

96	Design, synthesis, and evaluation of carnosine derivatives as selective and efficient sequestering agents of cytotoxic reactive carbonyl species. <i>ChemMedChem</i> , 2009 , 4, 967-75	3.7	49
95	Nitrosylhemoglobin, an unequivocal index of nitric oxide release from nitroaspirin: in vitro and in vivo studies in the rat by ESR spectroscopy. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001 , 26, 509-18	3.5	49
94	A carnosine analog mitigates metabolic disorders of obesity by reducing carbonyl stress. <i>Journal of Clinical Investigation</i> , 2018 , 128, 5280-5293	15.9	47
93	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, 1778-89	3.7	46
92	Composition and stability of phytochemicals in five varieties of black soybeans (<i>Glycine max</i>). <i>Food Chemistry</i> , 2010 , 123, 1176-1184	8.5	43
91	Detoxification of 4-hydroxynonenal (HNE) in keratinocytes: characterization of conjugated metabolites by liquid chromatography/electrospray ionization tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2003 , 38, 1160-8	2.2	42
90	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	5.1	41
89	Mass spectrometric approaches for the identification and quantification of reactive carbonyl species protein adducts. <i>Journal of Proteomics</i> , 2013 , 92, 28-50	3.9	41
88	Enzymatic and non-enzymatic detoxification of 4-hydroxynonenal: Methodological aspects and biological consequences. <i>Free Radical Biology and Medicine</i> , 2017 , 111, 328-344	7.8	39
87	A carnosine intervention study in overweight human volunteers: bioavailability and reactive carbonyl species sequestering effect. <i>Scientific Reports</i> , 2016 , 6, 27224	4.9	39
86	Mass spectrometric characterization and HPLC determination of the main urinary metabolites of nimesulide in man. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998 , 18, 201-11	3.5	37
85	In vitro metabolism of a nitroderivative of acetylsalicylic acid (NCX4016) by rat liver: LC and LC-MS studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 29, 1061-71	3.5	36
84	Design, synthesis, ADME properties, and pharmacological activities of β -lanyl-D-histidine (D-carnosine) prodrugs with improved bioavailability. <i>ChemMedChem</i> , 2011 , 6, 1269-82	3.7	35
83	Nitric oxide release and distribution following oral and intraperitoneal administration of nitroaspirin (NCX 4016) in the rat. <i>Life Sciences</i> , 2004 , 74, 3291-305	6.8	32
82	Characterization of cisplatin-glutathione adducts by liquid chromatography-mass spectrometry. Evidence for their formation in vitro but not in vivo after concomitant administration of cisplatin and glutathione to rats and cancer patients. <i>Biomedical Applications</i> , 1995 , 669, 247-63		32
81	Thermospray liquid chromatography-mass spectrometry of flavonol glycosides from medicinal plants. <i>Journal of Chromatography A</i> , 1994 , 661, 121-126	4.5	32
80	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, 145-56	7.8	30
79	Characterisation, extraction efficiency, stability and antioxidant activity of phytonutrients in <i>Angelica keiskei</i> . <i>Food Chemistry</i> , 2009 , 115, 227-232	8.5	30

78	Antioxidant and photoprotective activity of a lipophilic extract containing neolignans from <i>Krameria triandra</i> roots. <i>Planta Medica</i> , 2002 , 68, 193-7	3.1	30
77	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, 2856-64	4.5	29
76	(-)-Epigallocatechin-3-gallate prevents oxidative damage in both the aqueous and lipid compartments of human plasma. <i>Biochemical and Biophysical Research Communications</i> , 2003 , 302, 409-14	3.4	28
75	Edaravone inhibits protein carbonylation by a direct carbonyl-scavenging mechanism: focus on reactivity, selectivity, and reaction mechanisms. <i>Antioxidants and Redox Signaling</i> , 2010 , 12, 381-92	8.4	25
74	Alpha,beta-unsaturated aldehydes adducts to actin and albumin as potential biomarkers of carbonylation damage. <i>Redox Report</i> , 2007 , 12, 20-5	5.9	25
73	Transforming dietary peptides in promising lead compounds: the case of bioavailable carnosine analogs. <i>Amino Acids</i> , 2012 , 43, 111-26	3.5	24
72	Preservation of endothelium nitric oxide release by pulsatile flow cardiopulmonary bypass when compared with continuous flow. <i>Artificial Organs</i> , 2009 , 33, 926-34	2.6	24
71	In vitro biotransformation of pyrazinamide by rat liver: identification of a new metabolite. <i>Pharmacological Research Communications</i> , 1981 , 13, 351-62		23
70	Mass spectrometric strategies for the identification and characterization of human serum albumin covalently adducted by amoxicillin: ex vivo studies. <i>Chemical Research in Toxicology</i> , 2014 , 27, 1566-74	4	22
69	Hemoglobin glutathionylation can occur through cysteine sulfenic acid intermediate: electrospray ionization LTQ-Orbitrap hybrid mass spectrometry studies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 3456-61	3.2	22
68	Procyanidins from <i>Vitis vinifera</i> seeds inhibit the respiratory burst of activated human neutrophils and lysosomal enzyme release. <i>Planta Medica</i> , 2001 , 67, 714-7	3.1	22
67	Participation of lipid peroxidation in the loss of hepatic drug-metabolizing activities in experimental fascioliasis in the rat. <i>Pharmacological Research</i> , 1989 , 21, 549-60	10.2	22
66	Decrease of the in vitro drug-metabolizing activity of the hepatic mixed function oxidase system in rats infected experimentally with <i>Fasciola hepatica</i> : pharmacological implications. <i>Pharmacological Research Communications</i> , 1981 , 13, 731-42		22
65	Quenching activity of carnosine derivatives towards reactive carbonyl species: Focus on α -(methylglyoxal) and α -(malondialdehyde) dicarbonyls. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 492, 487-492	3.4	21
64	Chemiluminescence and LC-MS/MS analyses for the study of nitric oxide release and distribution following oral administration of nitroaspirin (NCX 4016) in healthy volunteers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004 , 35, 277-87	3.5	21
63	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	11.3	21
62	Regulatory landscape of AGE-RAGE-oxidative stress axis and its modulation by PPAR α activation in high fructose diet-induced metabolic syndrome. <i>Nutrition and Metabolism</i> , 2017 , 14, 5	4.6	20
61	Scavenging of free radicals by tenoxicam: a participating mechanism in the antirheumatic/antiinflammatory efficacy of the drug. <i>Archiv Der Pharmazie</i> , 1996 , 329, 457-63	4.3	20

60	Effects of UVB radiation on 4-hydroxy-2-trans-nonenal metabolism and toxicity in human keratinocytes. <i>Chemical Research in Toxicology</i> , 2007 , 20, 416-23	4	19
59	Decrease in hepatic microsomal UDP-glucuronosyl-transferase activity in rats and cattle with fascioliasis: impaired in vitro glucuronidation of oxyclozanide. <i>Toxicology Letters</i> , 1985 , 26, 65-71	4.4	19
58	High-performance liquid chromatographic determination of flavonoid glucosides from <i>Helichrysum italicum</i> . <i>Journal of Chromatography A</i> , 1991 , 537, 449-452	4.5	18
57	Development and validation of a sensitive LC-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	3.5	18
56	Computational approaches in the rational design of improved carbonyl quenchers: focus on histidine containing dipeptides. <i>Future Medicinal Chemistry</i> , 2016 , 8, 1721-37	4.1	17
55	Metabolic profile of NO-flurbiprofen (HCT1026) in rat brain and plasma: a LC-MS study. <i>Life Sciences</i> , 2002 , 71, 1487-500	6.8	17
54	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, 108-18	3.5	16
53	Urinary profile of methylprednisolone acetate metabolites in patients following intra-articular and intramuscular administration. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 255-67	4.4	16
52	Complexation of Ginkgo biloba extract with phosphatidylcholine improves cardioprotective activity and increases the plasma antioxidant capacity in the rat. <i>Planta Medica</i> , 2001 , 67, 326-30	3.1	16
51	Impaired in vitro metabolism of the flukicidal agent nitroxylnil by hepatic microsomal cytochrome P-450 in bovine fascioliasis. <i>Toxicology Letters</i> , 1984 , 20, 231-6	4.4	15
50	Screening of fibrillogenesis inhibitors of β -microglobulin: integrated strategies by mass spectrometry capillary electrophoresis and in silico simulations. <i>Analytica Chimica Acta</i> , 2011 , 685, 153-61	6.6	14
49	Methylprednisolone-loaded PLGA microspheres: a new formulation for sustained release via intra-articular administration. A comparison study with methylprednisolone acetate in rats. <i>Journal of Pharmaceutical Sciences</i> , 2011 , 100, 4580-6	3.9	14
48	A sensitive and specific precursor ion scanning approach in liquid chromatography/electrospray ionization tandem mass spectrometry to detect methylprednisolone acetate and its metabolites in rat urine. <i>Rapid Communications in Mass Spectrometry</i> , 2010 , 24, 1583-94	2.2	14
47	Exploring the space of histidine containing dipeptides in search of novel efficient RCS sequestering agents. <i>European Journal of Medicinal Chemistry</i> , 2013 , 66, 153-60	6.8	13
46	A novel truncated form of eNOS associates with altered vascular function. <i>Cardiovascular Research</i> , 2014 , 101, 492-502	9.9	13
45	Electron Paramagnetic Resonance (EPR) Spectroscopy: A Versatile and Powerful Tool in Pharmaceutical and Biomedical Analysis. <i>Current Pharmaceutical Analysis</i> , 2006 , 2, 141-159	0.6	13
44	Nitrosylhemoglobin formation after infusion of NO solutions: ESR studies in pigs. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 318, 405-14	3.4	13
43	Mass spectrometric strategies and their applications for molecular mass determination of recombinant therapeutic proteins. <i>Current Pharmaceutical Biotechnology</i> , 2011 , 12, 1548-57	2.6	13

42	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,	4.8	12
41	A rapid and sensitive LC-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, 691-7	3.5	11
40	LC-MS/MS and FT-IR analyses of stones from a patient with Crohn's disease: a case report. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004 , 35, 1263-72	3.5	11
39	The inhibitory effect of pyrazinamide on microsomal monooxygenase activities is related to the binding to reduced cytochrome P-450. <i>Pharmacological Research Communications</i> , 1980 , 12, 523-37		11
38	Albumin Cys34 adducted by acrolein as a marker of oxidative stress in ischemia-reperfusion injury during hepatectomy. <i>Free Radical Research</i> , 2016 , 50, 831-9	4	11
37	Preservation of endothelium nitric oxide release during beating heart surgery with respect to continuous flow cardiopulmonary bypass. <i>Perfusion (United Kingdom)</i> , 2010 , 25, 57-64	1.9	10
36	Determination of lead and cadmium in titanium dioxide by differential pulse anodic stripping voltammetry. <i>Talanta</i> , 2002 , 58, 481-8	6.2	10
35	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	3.4	10
34	A combined high-resolution mass spectrometric and in silico approach for the characterisation of small ligands of beta2-microglobulin. <i>ChemMedChem</i> , 2010 , 5, 1015-25	3.7	9
33	Fibrosis, Enzymatic and Non-Enzymatic Cross-Links in Hypertensive Heart Disease. <i>Cardiovascular & Hematological Disorders Drug Targets</i> , 2011 , 11, 61-73	1.1	9
32	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	11.3	9
31	Analytical Profile and Antioxidant and Anti-Inflammatory Activities of the Enriched Polyphenol Fractions Isolated from Bergamot Fruit and Leave. <i>Antioxidants</i> , 2021 , 10,	7.1	9
30	-Acetyl-Cysteine Regenerates Albumin Cys34 by a Thiol-Disulfide Breaking Mechanism: An Explanation of Its Extracellular Antioxidant Activity. <i>Antioxidants</i> , 2020 , 9,	7.1	8
29	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	3.5	8
28	A method to produce fully characterized ubiquitin covalently modified by 4-hydroxy-nonenal, glyoxal, methylglyoxal, and malondialdehyde. <i>Free Radical Research</i> , 2016 , 50, 328-36	4	8
27	High-performance liquid chromatographic analysis of Eescin. <i>Journal of Chromatography A</i> , 1989 , 478, 259-263	4.5	8
26	Carboxylic metabolites of tiadenol as "proximate" inducers of hepatic peroxisomal beta-oxidation activity. <i>Pharmacological Research Communications</i> , 1988 , 20, 265-76		8
25	Understanding the antioxidant and carbonyl sequestering activity of carnosine: direct and indirect mechanisms. <i>Free Radical Research</i> , 2021 , 55, 321-330	4	7

24	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	3.5	7
23	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	3.5	6
22	Acetaminophen, via its reactive metabolite N-acetyl-p-benzo-quinoneimine and transient receptor potential ankyrin-1 stimulation, causes neurogenic inflammation in the airways and other tissues in rodents. <i>FASEB Journal</i> , 2010 , 24, 4904-4916	0.9	6
21	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	3.5	5
20	Rapid analysis of alpha-hederin in a crude plant extract by collisional mass spectrometry (CAD MIKES). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1985 , 3, 201-6	3.5	5
19	Effect of the hypolipidemic drug bezafibrate on the hepatic mixed function oxidase system of the rat: heterogeneity monooxygenase responses. <i>Pharmacological Research Communications</i> , 1981 , 13, 861-71		5
18	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	3.2	4
17	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	3.5	4
16	Electron spin resonance and chemiluminescence analyses to elucidate the vasodilating mechanism of sodium nitroprusside. <i>Molecular Pharmacology</i> , 2006 , 70, 1672-80	4.3	4
15	The Disposal of Reactive Carbonyl Species through Carnosine Conjugation: What We Know Now. <i>Current Medicinal Chemistry</i> , 2020 , 27, 1726-1743	4.3	4
14	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	4	4
13	MS methods to study macromolecule-ligand interaction: Applications in drug discovery. <i>Methods</i> , 2018 , 144, 152-174	4.6	4
12	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	7.8	4
11	Field desorption mass spectrometry, fast atom bombardment mass spectrometry and fast atom bombardment tandem mass spectrometry of echinacoside, the main caffeoyl-glycoside from <i>Echinacea angustifolia</i> roots (Asteraceae). <i>Organic Mass Spectrometry</i> , 1991 , 26, 951-955		3
10	Novel insights about albumin in cardiovascular diseases: Focus on heart failure. <i>Mass Spectrometry Reviews</i> , 2021 , e21743	11	2
9	In-Depth AGE and ALE Profiling of Human Albumin in Heart Failure: Ex Vivo Studies. <i>Antioxidants</i> , 2021 , 10,	7.1	2
8	Sequestering Agents of Intermediate Reactive Aldehydes as Inhibitors of Advanced Lipoxidation End-Products (ALEs) 2006 , 877-929		1
7	Iatrogenic ileal obstruction in a patient with Crohn's disease. <i>Digestive Diseases and Sciences</i> , 2004 , 49, 1287-90	4	1

6	Oxidative Stress and Chronic Renal Disease [Clinical Aspects 2014 , 2625-2644		1
5	Data on thermal and hydrolytic stability of both domiphen bromide and para-bromodomiphen bromide. <i>Data in Brief</i> , 2018 , 20, 1363-1366	1.2	1
4	Integratomics of Human Dermal Fibroblasts Treated with Low Molecular Weight Hyaluronic Acid. <i>Molecules</i> , 2021 , 26,	4.8	1
3	Mass Spectrometric Strategies for Identification and Characterization of Carbonylated Peptides and Proteins173-197		1
2	Analysis of tiadenol in human plasma by capillary gas chromatography with electron capture detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1987 , 5, 151-6	3.5	0
1	Synthesis and characterization of C labeled carnosine derivatives for isotope dilution mass spectrometry measurements in biological matrices. <i>Talanta</i> , 2021 , 235, 122742	6.2	0