

# Ranieri Rossi

## List of Publications by Citations

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

127 papers	11,430 citations	50 h-index	106 g-index
133 ext. papers	12,411 ext. citations	5.9 avg, IF	5.97 L-index

#	Paper	IF	Citations
127	Protein carbonyl groups as biomarkers of oxidative stress. <i>Clinica Chimica Acta</i> , <b>2003</b> , 329, 23-38	6.2	1630
126	Biomarkers of oxidative damage in human disease. <i>Clinical Chemistry</i> , <b>2006</b> , 52, 601-23	5.5	1189
125	Protein carbonylation in human diseases. <i>Trends in Molecular Medicine</i> , <b>2003</b> , 9, 169-76	11.5	698
124	Protein carbonylation, cellular dysfunction, and disease progression. <i>Journal of Cellular and Molecular Medicine</i> , <b>2006</b> , 10, 389-406	5.6	589
123	Protein S-glutathionylation: a regulatory device from bacteria to humans. <i>Trends in Biochemical Sciences</i> , <b>2009</b> , 34, 85-96	10.3	496
122	S-glutathionylation in protein redox regulation. <i>Free Radical Biology and Medicine</i> , <b>2007</b> , 43, 883-98	7.8	375
121	Proteins as biomarkers of oxidative/nitrosative stress in diseases: the contribution of redox proteomics. <i>Mass Spectrometry Reviews</i> , <b>2005</b> , 24, 55-99	11	354
120	The actin cytoskeleton response to oxidants: from small heat shock protein phosphorylation to changes in the redox state of actin itself. <i>Free Radical Biology and Medicine</i> , <b>2001</b> , 31, 1624-32	7.8	321
119	Oxidative stress and human diseases: Origin, link, measurement, mechanisms, and biomarkers. <i>Critical Reviews in Clinical Laboratory Sciences</i> , <b>2009</b> , 46, 241-81	9.4	296
118	Molecular mechanisms and potential clinical significance of S-glutathionylation. <i>Antioxidants and Redox Signaling</i> , <b>2008</b> , 10, 445-73	8.4	245
117	S-glutathionylation: from redox regulation of protein functions to human diseases. <i>Journal of Cellular and Molecular Medicine</i> , <b>2004</b> , 8, 201-12	5.6	243
116	Blood Glutathione Disulfide: In Vivo Factor or in Vitro Artifact?. <i>Clinical Chemistry</i> , <b>2002</b> , 48, 742-753	5.5	205
115	Nitrite and nitrate measurement by Griess reagent in human plasma: evaluation of interferences and standardization. <i>Methods in Enzymology</i> , <b>2008</b> , 440, 361-80	1.7	203
114	Analysis of GSH and GSSG after derivatization with N-ethylmaleimide. <i>Nature Protocols</i> , <b>2013</b> , 8, 1660-9	18.8	183
113	Reversible S-glutathionylation of Cys 374 regulates actin filament formation by inducing structural changes in the actin molecule. <i>Free Radical Biology and Medicine</i> , <b>2003</b> , 34, 23-32	7.8	154
112	Actin carbonylation: from a simple marker of protein oxidation to relevant signs of severe functional impairment. <i>Free Radical Biology and Medicine</i> , <b>2001</b> , 31, 1075-83	7.8	132
111	Oxidized forms of glutathione in peripheral blood as biomarkers of oxidative stress. <i>Clinical Chemistry</i> , <b>2006</b> , 52, 1406-14	5.5	120

110	An improved HPLC measurement for GSH and GSSG in human blood. <i>Free Radical Biology and Medicine</i> , <b>2003</b> , 35, 1365-72	7.8	119
109	S-nitrosation versus S-glutathionylation of protein sulfhydryl groups by S-nitrosoglutathione. <i>Antioxidants and Redox Signaling</i> , <b>2005</b> , 7, 930-9	8.4	118
108	Detection of S-nitrosothiols in biological fluids: a comparison among the most widely applied methodologies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2007</b> , 851, 124-39	3.2	111
107	Methionine oxidation as a major cause of the functional impairment of oxidized actin. <i>Free Radical Biology and Medicine</i> , <b>2002</b> , 32, 927-37	7.8	109
106	Nitric oxide and S-nitrosothiols in human blood. <i>Clinica Chimica Acta</i> , <b>2003</b> , 330, 85-98	6.2	107
105	Preferential transport of glutathione versus glutathione disulfide in rat liver microsomal vesicles. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 12213-6	5.4	107
104	Role of protein -SH groups in redox homeostasis--the erythrocyte as a model system. <i>Archives of Biochemistry and Biophysics</i> , <b>1998</b> , 355, 145-52	4.1	105
103	Pharmacological profile of a novel H(2)S-releasing aspirin. <i>Free Radical Biology and Medicine</i> , <b>2009</b> , 46, 586-92	7.8	103
102	Age-related influence on thiol, disulfide, and protein-mixed disulfide levels in human plasma. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2006</b> , 61, 1030-8	6.4	103
101	Is ascorbate able to reduce disulfide bridges? A cautionary note. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2008</b> , 19, 252-8	5	101
100	Actin S-glutathionylation: evidence against a thiol-disulphide exchange mechanism. <i>Free Radical Biology and Medicine</i> , <b>2003</b> , 35, 1185-93	7.8	96
99	Redox albuminomics: oxidized albumin in human diseases. <i>Antioxidants and Redox Signaling</i> , <b>2012</b> , 17, 1515-27	8.4	86
98	Effects of hydrogen sulfide-releasing L-DOPA derivatives on glial activation: potential for treating Parkinson disease. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 17318-28	5.4	80
97	Assessment of glutathione/glutathione disulphide ratio and S-glutathionylated proteins in human blood, solid tissues, and cultured cells. <i>Free Radical Biology and Medicine</i> , <b>2017</b> , 112, 360-375	7.8	77
96	Actin Cys374 as a nucleophilic target of alpha,beta-unsaturated aldehydes. <i>Free Radical Biology and Medicine</i> , <b>2007</b> , 42, 583-98	7.8	76
95	A step-by-step protocol for assaying protein carbonylation in biological samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1019, 178-90	3.2	72
94	Protein carbonylation: 2,4-dinitrophenylhydrazine reacts with both aldehydes/ketones and sulfenic acids. <i>Free Radical Biology and Medicine</i> , <b>2009</b> , 46, 1411-9	7.8	72
93	S-NO-actin: S-nitrosylation kinetics and the effect on isolated vascular smooth muscle. <i>Journal of Muscle Research and Cell Motility</i> , <b>2000</b> , 21, 171-81	3.5	72

92	S-glutathionylation in human platelets by a thiol-disulfide exchange-independent mechanism. <i>Free Radical Biology and Medicine</i> , <b>2005</b> , 38, 1501-10	7.8	69
91	Pitfalls in the analysis of the physiological antioxidant glutathione (GSH) and its disulfide (GSSG) in biological samples: An elephant in the room. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1019, 21-8	3.2	68
90	Cysteinylation and homocysteinylation of plasma protein thiols during ageing of healthy human beings. <i>Journal of Cellular and Molecular Medicine</i> , <b>2009</b> , 13, 3131-40	5.6	68
89	Therapeutic potential of new hydrogen sulfide-releasing hybrids. <i>Expert Review of Clinical Pharmacology</i> , <b>2011</b> , 4, 109-21	3.8	67
88	Oxidative damage in human gingival fibroblasts exposed to cigarette smoke. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 52, 1584-96	7.8	64
87	Different metabolizing ability of thiol reactants in human and rat blood: biochemical and pharmacological implications. <i>Journal of Biological Chemistry</i> , <b>2001</b> , 276, 7004-10	5.4	62
86	Water-Soluble alpha,beta-unsaturated aldehydes of cigarette smoke induce carbonylation of human serum albumin. <i>Antioxidants and Redox Signaling</i> , <b>2010</b> , 12, 349-64	8.4	61
85	Red blood cells as a physiological source of glutathione for extracellular fluids. <i>Blood Cells, Molecules, and Diseases</i> , <b>2008</b> , 40, 174-9	2.1	58
84	A method to study kinetics of transnitrosation with nitrosoglutathione: reactions with hemoglobin and other thiols. <i>Analytical Biochemistry</i> , <b>1997</b> , 254, 215-20	3.1	57
83	Thiol groups in proteins as endogenous reductants to determine glutathione-protein mixed disulphides in biological systems. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>1995</b> , 1243, 230-8	4	57
82	Altered glutathione anti-oxidant metabolism during tumor progression in human renal-cell carcinoma. <i>International Journal of Cancer</i> , <b>2001</b> , 91, 55-9	7.5	57
81	Protein glutathionylation in erythrocytes. <i>Clinical Chemistry</i> , <b>2003</b> , 49, 327-30	5.5	55
80	The oxidation produced by hydrogen peroxide on Ca-ATP-G-actin. <i>Protein Science</i> , <b>2000</b> , 9, 1774-82	6.3	53
79	S-glutathiolation in life and death decisions of the cell. <i>Free Radical Research</i> , <b>2011</b> , 45, 3-15	4	51
78	Low molecular mass thiols, disulfides and protein mixed disulfides in rat tissues: influence of sample manipulation, oxidative stress and ageing. <i>Mechanisms of Ageing and Development</i> , <b>2011</b> , 132, 141-8	5.6	50
77	Fast-reacting thiols in rat hemoglobins can intercept damaging species in erythrocytes more efficiently than glutathione. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 19198-206	5.4	49
76	Adaptation of the Griess reaction for detection of nitrite in human plasma. <i>Free Radical Research</i> , <b>2004</b> , 38, 1235-40	4	49
75	Detection of glutathione in whole blood after stabilization with N-ethylmaleimide. <i>Analytical Biochemistry</i> , <b>2011</b> , 415, 81-3	3.1	48

74	N-Acetylcysteine ethyl ester (NACET): a novel lipophilic cell-permeable cysteine derivative with an unusual pharmacokinetic feature and remarkable antioxidant potential. <i>Biochemical Pharmacology</i> , <b>2012</b> , 84, 1522-33	6	46
73	Nitric oxide, S-nitrosothiols and hemoglobin: is methodology the key?. <i>Trends in Pharmacological Sciences</i> , <b>2004</b> , 25, 311-6	13.2	46
72	Insulin administration: present strategies and future directions for a noninvasive (possibly more physiological) delivery. <i>Drug Design, Development and Therapy</i> , <b>2015</b> , 9, 3109-18	4.4	44
71	Modulation of thiol homeostasis induced by H <sub>2</sub> S-releasing aspirin. <i>Free Radical Biology and Medicine</i> , <b>2010</b> , 48, 1263-72	7.8	44
70	Antioxidant status in various tissues of the mouse after fasting and swimming stress. <i>European Journal of Applied Physiology</i> , <b>1997</b> , 76, 302-7	3.4	44
69	A central role for intermolecular dityrosine cross-linking of fibrinogen in high molecular weight advanced oxidation protein product (AOPP) formation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2015</b> , 1850, 1-12	4	41
68	The potential of resveratrol against human gliomas. <i>Anti-Cancer Drugs</i> , <b>2010</b> , 21, 140-50	2.4	41
67	Glutathione, glutathione disulfide, and S-glutathionylated proteins in cell cultures. <i>Free Radical Biology and Medicine</i> , <b>2015</b> , 89, 972-81	7.8	40
66	Blood glutathione disulfide: in vivo factor or in vitro artifact?. <i>Clinical Chemistry</i> , <b>2002</b> , 48, 742-53	5.5	38
65	Protein thiols and glutathione influence the nitric oxide-dependent regulation of the red blood cell metabolism. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2002</b> , 6, 186-99	5	37
64	Protein thiolation index (PTI) as a biomarker of oxidative stress. <i>Free Radical Biology and Medicine</i> , <b>2012</b> , 53, 907-15	7.8	35
63	Physiological Levels of S -Nitrosothiols in Human Plasma. <i>Circulation Research</i> , <b>2001</b> , 89,	15.7	33
62	Pathophysiology of tobacco smoke exposure: recent insights from comparative and redox proteomics. <i>Mass Spectrometry Reviews</i> , <b>2014</b> , 33, 183-218	11	31
61	Glutathione redox potential is low and glutathionylated and cysteinylated hemoglobin levels are elevated in maintenance hemodialysis patients. <i>Translational Research</i> , <b>2013</b> , 162, 16-25	11	28
60	Membrane skeletal protein S-glutathionylation and hemolysis in human red blood cells. <i>Blood Cells, Molecules, and Diseases</i> , <b>2006</b> , 37, 180-7	2.1	27
59	Thiol oxidation and di-tyrosine formation in human plasma proteins induced by inflammatory concentrations of hypochlorous acid. <i>Journal of Proteomics</i> , <b>2017</b> , 152, 22-32	3.9	25
58	Minor thiols cysteine and cysteinylglycine regulate the competition between glutathione and protein SH groups in human platelets subjected to oxidative stress. <i>Archives of Biochemistry and Biophysics</i> , <b>2000</b> , 380, 1-10	4.1	24
57	Pharmacological targeting of glucose-6-phosphate dehydrogenase in human erythrocytes by Bay 11-7082, parthenolide and dimethyl fumarate. <i>Scientific Reports</i> , <b>2016</b> , 6, 28754	4.9	23

56	Micro-method for the determination of glutathione in human blood. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2014</b> , 964, 191-4	3.2	22
55	In vitro study of methylmercury in blood of bottlenose dolphins ( <i>Tursiops truncatus</i> ). <i>Archives of Environmental Contamination and Toxicology</i> , <b>2002</b> , 42, 348-53	3.2	21
54	Responses of thiols to an oxidant challenge: differences between blood and tissues in the rat. <i>Chemico-Biological Interactions</i> , <b>2001</b> , 134, 73-85	5	21
53	The time-course of mixed disulfide formation between GSH and proteins in rat blood after oxidative stress with tert-butyl hydroperoxide. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>1994</b> , 1199, 245-52	4	21
52	Metabolism of oxidants by blood from different mouse strains. <i>Biochemical Pharmacology</i> , <b>2006</b> , 71, 1753-64	6	20
51	Protein S-glutathionylation and platelet anti-aggregating activity of disulfiram. <i>Biochemical Pharmacology</i> , <b>2006</b> , 72, 608-15	6	20
50	Different mechanisms of formation of glutathione-protein mixed disulfides of diamide and tert-butyl hydroperoxide in rat blood. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>1996</b> , 1289, 252-60	4	19
49	SARS-CoV2 infection impairs the metabolism and redox function of cellular glutathione. <i>Redox Biology</i> , <b>2021</b> , 45, 102041	11.3	19
48	Protein carbonylation in human bronchial epithelial cells exposed to cigarette smoke extract. <i>Cell Biology and Toxicology</i> , <b>2019</b> , 35, 345-360	7.4	18
47	The role of cysteine in the regulation of blood glutathione-protein mixed disulfides in rats treated with diamide. <i>Toxicology and Applied Pharmacology</i> , <b>1998</b> , 148, 56-64	4.6	17
46	Interference of plasmatic reduced glutathione and hemolysis on glutathione disulfide levels in human blood. <i>Free Radical Research</i> , <b>2004</b> , 38, 1101-6	4	17
45	Red blood cells protect albumin from cigarette smoke-induced oxidation. <i>PLoS ONE</i> , <b>2012</b> , 7, e29930	3.7	17
44	Oxidative stress induces a reversible flux of cysteine from tissues to blood in vivo in the rat. <i>FEBS Journal</i> , <b>2009</b> , 276, 4946-58	5.7	16
43	Anethole dithiolethione lowers the homocysteine and raises the glutathione levels in solid tissues and plasma of rats: a novel non-vitamin homocysteine-lowering agent. <i>Biochemical Pharmacology</i> , <b>2014</b> , 89, 246-54	6	15
42	The soy phytoestrogens genistein and daidzein as neuroprotective agents against anoxia-glucopenia and reperfusion damage in rat urinary bladder. <i>Pharmacological Research</i> , <b>2012</b> , 66, 309-16	10.2	15
41	Analysis of thiols. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2009</b> , 877, 3271-3	3.2	15
40	The age-dependent decline of the extracellular thiol-disulfide balance and its role in SARS-CoV-2 infection. <i>Redox Biology</i> , <b>2021</b> , 41, 101902	11.3	15
39	Plasma protein-bound di-tyrosines as biomarkers of oxidative stress in end stage renal disease patients on maintenance haemodialysis. <i>BBA Clinical</i> , <b>2017</b> , 7, 55-63		13

38	Immediate stabilization of human blood for delayed quantification of endogenous thiols and disulfides. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1019, 51-8	3.2	13
37	N-acetylcysteine ethyl ester as GSH enhancer in human primary endothelial cells: A comparative study with other drugs. <i>Free Radical Biology and Medicine</i> , <b>2018</b> , 126, 202-209	7.8	13
36	Dietary Intake of Proteins and Calories Is Inversely Associated With The Oxidation State of Plasma Thiols in End-Stage Renal Disease Patients. <i>Journal of Renal Nutrition</i> , <b>2015</b> , 25, 494-503	3	13
35	Protein Carbonylation in Human Smokers and Mammalian Models of Exposure to Cigarette Smoke: Focus on Redox Proteomic Studies. <i>Antioxidants and Redox Signaling</i> , <b>2017</b> , 26, 406-426	8.4	12
34	Cellular redox potential and hemoglobin S-glutathionylation in human and rat erythrocytes: A comparative study. <i>Blood Cells, Molecules, and Diseases</i> , <b>2010</b> , 44, 133-9	2.1	12
33	No evidence of DNA damage by co-exposure to extremely low frequency magnetic fields and aluminum on neuroblastoma cell lines. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2017</b> , 823, 11-21	3	11
32	Cigarette smoke induces alterations in the drug-binding properties of human serum albumin. <i>Blood Cells, Molecules, and Diseases</i> , <b>2014</b> , 52, 166-74	2.1	11
31	Glutathione S-transferase P influences the Nrf2-dependent response of cellular thiols to seleno-compounds. <i>Cell Biology and Toxicology</i> , <b>2020</b> , 36, 379-386	7.4	10
30	-Nitroso--acetyl-L-cysteine ethyl ester (SNACET) and -acetyl-L-cysteine ethyl ester (NACET)-Cysteine-based drug candidates with unique pharmacological profiles for oral use as NO, HS and GSH suppliers and as antioxidants: Results and overview. <i>Journal of Pharmaceutical Analysis</i> , <b>2018</b> , 8, 1-9	14	10
29	Study of the effect of thiols on the vasodilatory potency of S-nitrosothiols by using a modified aortic ring assay. <i>Toxicology and Applied Pharmacology</i> , <b>2011</b> , 256, 95-102	4.6	10
28	Is there an answer?. <i>IUBMB Life</i> , <b>2005</b> , 57, 189-92	4.7	10
27	Membrane Skeletal Protein S-Glutathionylation in Human Red Blood Cells as Index of Oxidative Stress. <i>Chemical Research in Toxicology</i> , <b>2019</b> , 32, 1096-1102	4	9
26	Differential thiol status in blood of different mouse strains exposed to cigarette smoke. <i>Free Radical Research</i> , <b>2009</b> , 43, 538-45	4	9
25	Homogentisic acid affects human osteoblastic functionality by oxidative stress and alteration of the Wnt/ $\beta$ -catenin signaling pathway. <i>Journal of Cellular Physiology</i> , <b>2020</b> , 235, 6808-6816	7	9
24	A seleno-hormetine protects bone marrow hematopoietic cells against ionizing radiation-induced toxicities. <i>PLoS ONE</i> , <b>2019</b> , 14, e0205626	3.7	8
23	The specific PKC- $\beta$ inhibitor chelerythrine blunts costunolide-induced eryptosis. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , <b>2020</b> , 25, 674-685	5.4	8
22	Redox state and carbonic anhydrase isozyme IX expression in human renal cell carcinoma: biochemical and morphological investigations. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2004</b> , 19, 287-91	5.6	8
21	Subclinical ochronosis features in alkaptonuria: a cross-sectional study. <i>BMJ Innovations</i> , <b>2019</b> , 5, 82-91	1.8	8

20	Carboplatin-induced alteration of the thiol homeostasis in the isolated perfused rat kidney. <i>Archives of Biochemistry and Biophysics</i> , <b>2009</b> , 488, 83-9	4.1	7
19	The new HS-releasing compound ACS94 exerts protective effects through the modulation of thiol homoeostasis. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2018</b> , 33, 1392-1404	5.6	7
18	Cigarette smoke and glutathione: Focus on in vitro cell models. <i>Toxicology in Vitro</i> , <b>2020</b> , 65, 104818	3.6	6
17	S-Nitrosothiols in blood: does photosensitivity explain a 4-order-of-magnitude concentration range?. <i>Clinical Chemistry</i> , <b>2009</b> , 55, 1036-8; author reply 1038-40	5.5	6
16	Evidence against a role of ketone bodies in the generation of oxidative stress in human erythrocytes by the application of reliable methods for thiol redox form detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2009</b> , 877, 3467-74	3.2	6
15	Determination of protein thiolation index (PTI) as a biomarker of oxidative stress in human serum. <i>Analytical Biochemistry</i> , <b>2017</b> , 538, 38-41	3.1	5
14	Plasma Protein Carbonyls as Biomarkers of Oxidative Stress in Chronic Kidney Disease, Dialysis, and Transplantation. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 2975256	6.7	5
13	Cocoa intake and blood pressure. <i>JAMA - Journal of the American Medical Association</i> , <b>2007</b> , 298, 1862-3; author reply 1863-4	27.4	5
12	Plasma S-nitrosothiols and chronic renal failure. <i>American Journal of Physiology - Renal Physiology</i> , <b>2004</b> , 287, F1294; author reply F1294-5	4.3	5
11	The pro-oxidant role of protein SH groups of hemoglobin in rat erythrocytes exposed to menadione. <i>Chemico-Biological Interactions</i> , <b>2002</b> , 139, 97-114	5	4
10	Anethole Dithiolethione Increases Glutathione in Kidney by Inhibiting -Glutamyltranspeptidase: Biochemical Interpretation and Pharmacological Consequences. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 3562972	6.7	4
9	Superior Properties of N-Acetylcysteine Ethyl Ester over N-Acetyl Cysteine to Prevent Retinal Pigment Epithelial Cells Oxidative Damage. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	3
8	HPLC determination of novel dithiolethione containing drugs and its application for in vivo studies in rats. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2010</b> , 878, 340-6	3.2	2
7	Proteins as Sensitive Biomarkers of Human Conditions Associated with Oxidative Stress <b>2006</b> , 485-525		2
6	Protein thiolation index in microvolumes of plasma. <i>Analytical Biochemistry</i> , <b>2021</b> , 618, 114125	3.1	1
5	The effects of 3 weeks of oral glutathione supplementation on whole body insulin sensitivity in obese males with and without type 2 diabetes: a randomized trial. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2021</b> , 46, 1133-1142	3	1
4	On the mercapturic acid pathway of nitric oxide: is S-nitrosoglutathione present in the bile?. <i>Hepatology</i> , <b>2010</b> , 52, 1858-9; author reply 1859-60	11.2	0
3	Measurement of S-glutathionylated proteins by HPLC. <i>Amino Acids</i> , <b>2021</b> , 1	3.5	0

- 2 Letter by Tsikas and Rossi regarding article, "Nitrite anion provides potent cytoprotective and antiapoptotic effects as adjunctive therapy to reperfusion for acute myocardial infarction". *Circulation*, **2009**, 119, e531; author reply e532 16.7
- 1 Homogentisic acid induces autophagy alterations leading to chondroptosis in human chondrocytes: Implications in Alkaptonuria.. *Archives of Biochemistry and Biophysics*, **2022**, 717, 109137 4.1