

# Ranieri Rossi

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/2484523/ranieri-rossi-publications-by-year.pdf>

**Version:** 2024-04-09

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.

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	Homogentisic acid induces autophagy alterations leading to chondroptosis in human chondrocytes: Implications in Alkaptonuria.. <i>Archives of Biochemistry and Biophysics</i> , <b>2022</b> , 717, 109137	4.1	
126	Protein thiolation index in microvolumes of plasma. <i>Analytical Biochemistry</i> , <b>2021</b> , 618, 114125	3.1	1
125	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
124	Measurement of S-glutathionylated proteins by HPLC. <i>Amino Acids</i> , <b>2021</b> , 1	3.5	0
123	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
122	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
121	SARS-CoV2 infection impairs the metabolism and redox function of cellular glutathione. <i>Redox Biology</i> , <b>2021</b> , 45, 102041	11.3	19
120	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
119	Cigarette smoke and glutathione: Focus on in vitro cell models. <i>Toxicology in Vitro</i> , <b>2020</b> , 65, 104818	3.6	6
118	The specific PKC- $\eta$ 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
117	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
116	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
115	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
114	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
113	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
112	Subclinical ochronosis features in alkaptonuria: a cross-sectional study. <i>BMJ Innovations</i> , <b>2019</b> , 5, 82-91	1.8	8
111	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

110	-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
109	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
108	The new HS-releasing compound ACS94 exerts protective effects through the modulation of thiol homeostasis. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2018</b> , 33, 1392-1404	5.6	7
107	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
106	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
105	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
104	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
103	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
102	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
101	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
100	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
99	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
98	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
97	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
96	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
95	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
94	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
93	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

92	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
91	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
90	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
89	Analysis of GSH and GSSG after derivatization with N-ethylmaleimide. <i>Nature Protocols</i> , <b>2013</b> , 8, 1660-9	18.8	183
88	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
87	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
86	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
85	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
84	Redox albuminomics: oxidized albumin in human diseases. <i>Antioxidants and Redox Signaling</i> , <b>2012</b> , 17, 1515-27	8.4	86
83	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
82	Red blood cells protect albumin from cigarette smoke-induced oxidation. <i>PLoS ONE</i> , <b>2012</b> , 7, e29930	3.7	17
81	Therapeutic potential of new hydrogen sulfide-releasing hybrids. <i>Expert Review of Clinical Pharmacology</i> , <b>2011</b> , 4, 109-21	3.8	67
80	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
79	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
78	S-glutathiolation in life and death decisions of the cell. <i>Free Radical Research</i> , <b>2011</b> , 45, 3-15	4	51
77	Detection of glutathione in whole blood after stabilization with N-ethylmaleimide. <i>Analytical Biochemistry</i> , <b>2011</b> , 415, 81-3	3.1	48
76	The potential of resveratrol against human gliomas. <i>Anti-Cancer Drugs</i> , <b>2010</b> , 21, 140-50	2.4	41
75	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

74	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
73	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
72	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
71	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
70	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
69	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
68	Letter by Tsikas and Rossi regarding article, "Nitrite anion provides potent cytoprotective and antiapoptotic effects as adjunctive therapy to reperfusion for acute myocardial infarction". <i>Circulation</i> , <b>2009</b> , 119, e531; author reply e532	16.7	
67	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
66	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
65	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
64	Pharmacological profile of a novel H <sub>2</sub> S-releasing aspirin. <i>Free Radical Biology and Medicine</i> , <b>2009</b> , 46, 586-92	7.8	103
63	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
62	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
61	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
60	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
59	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
58	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
57	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

56	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
55	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
54	Molecular mechanisms and potential clinical significance of S-glutathionylation. <i>Antioxidants and Redox Signaling</i> , <b>2008</b> , 10, 445-73	8.4	245
53	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
52	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
51	S-glutathionylation in protein redox regulation. <i>Free Radical Biology and Medicine</i> , <b>2007</b> , 43, 883-98	7.8	375
50	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
49	Protein carbonylation, cellular dysfunction, and disease progression. <i>Journal of Cellular and Molecular Medicine</i> , <b>2006</b> , 10, 389-406	5.6	589
48	Metabolism of oxidants by blood from different mouse strains. <i>Biochemical Pharmacology</i> , <b>2006</b> , 71, 1753-64	6	20
47	Protein S-glutathionylation and platelet anti-aggregating activity of disulfiram. <i>Biochemical Pharmacology</i> , <b>2006</b> , 72, 608-15	6	20
46	Proteins as Sensitive Biomarkers of Human Conditions Associated with Oxidative Stress <b>2006</b> , 485-525		2
45	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
44	Biomarkers of oxidative damage in human disease. <i>Clinical Chemistry</i> , <b>2006</b> , 52, 601-23	5.5	1189
43	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
42	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
41	Is there an answer?. <i>IUBMB Life</i> , <b>2005</b> , 57, 189-92	4.7	10
40	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
39	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

38	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
37	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
36	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
35	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
34	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
33	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
32	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
31	Protein carbonyl groups as biomarkers of oxidative stress. <i>Clinica Chimica Acta</i> , <b>2003</b> , 329, 23-38	6.2	1630
30	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
29	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
28	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
27	Nitric oxide and S-nitrosothiols in human blood. <i>Clinica Chimica Acta</i> , <b>2003</b> , 330, 85-98	6.2	107
26	Protein carbonylation in human diseases. <i>Trends in Molecular Medicine</i> , <b>2003</b> , 9, 169-76	11.5	698
25	Protein glutathionylation in erythrocytes. <i>Clinical Chemistry</i> , <b>2003</b> , 49, 327-30	5.5	55
24	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
23	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
22	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
21	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

20	Blood Glutathione Disulfide: In Vivo Factor or in Vitro Artifact?. <i>Clinical Chemistry</i> , <b>2002</b> , 48, 742-753	5.5	205
19	Blood glutathione disulfide: in vivo factor or in vitro artifact?. <i>Clinical Chemistry</i> , <b>2002</b> , 48, 742-53	5.5	38
18	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
17	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
16	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
15	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
14	Physiological Levels of S -Nitrosothiols in Human Plasma. <i>Circulation Research</i> , <b>2001</b> , 89,	15.7	33
13	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
12	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
11	The oxidation produced by hydrogen peroxide on Ca-ATP-G-actin. <i>Protein Science</i> , <b>2000</b> , 9, 1774-82	6.3	53
10	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
9	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
8	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
7	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
6	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
5	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
4	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
3	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		19

2	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
1	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