

# Isabella Dalle-Donne

## List of Publications by Year in Descending Order

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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.

142  
papers

11,449  
citations

50  
h-index

106  
g-index

151  
ext. papers

12,388  
ext. citations

6  
avg, IF

6  
L-index

#	Paper	IF	Citations
142	Protein thiolation index in microvolumes of plasma. <i>Analytical Biochemistry</i> , <b>2021</b> , 618, 114125	3.1	1
141	Antioxidants in smokers. <i>Nutrition Research Reviews</i> , <b>2021</b> , 1-28	7	0
140	Measurement of S-glutathionylated proteins by HPLC. <i>Amino Acids</i> , <b>2021</b> , 1	3.5	0
139	In vitro copper oxide nanoparticle toxicity on intestinal barrier. <i>Journal of Applied Toxicology</i> , <b>2021</b> , 41, 291-302	4.1	1
138	Preliminary experience on the use of sucrosomial iron in hemodialysis: focus on safety, hemoglobin maintenance and oxidative stress. <i>International Urology and Nephrology</i> , <b>2021</b> , 1	2.3	
137	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
136	Cigarette smoke and glutathione: Focus on in vitro cell models. <i>Toxicology in Vitro</i> , <b>2020</b> , 65, 104818	3.6	6
135	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
134	Cytotoxic and proinflammatory responses induced by ZnO nanoparticles in in vitro intestinal barrier. <i>Journal of Applied Toxicology</i> , <b>2019</b> , 39, 1155-1163	4.1	7
133	Sulforaphane Cannot Protect Human Fibroblasts From Repeated, Short and Sublethal Treatments with Hydrogen Peroxide. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	3
132	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
131	Advanced oxidation protein products in nondiabetic end stage renal disease patients on maintenance haemodialysis. <i>Free Radical Research</i> , <b>2019</b> , 53, 1114-1124	4	7
130	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
129	Yolk vitamin E positively affects prenatal growth but not oxidative status in yellow-legged gull embryos. <i>Environmental Epigenetics</i> , <b>2018</b> , 64, 285-292	2.4	4
128	Plasma Protein Carbonylation in Haemodialysed Patients: Focus on Diabetes and Gender. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2018</b> , 2018, 4149681	6.7	11
127	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
126	Antioxidants and embryo phenotype: is there experimental evidence for strong integration of the antioxidant system?. <i>Journal of Experimental Biology</i> , <b>2017</b> , 220, 615-624	3	6

125	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
124	Cigarette Smoke-Induced Protein Carbonylation <b>2017</b> , 206-240		
123	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
122	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
121	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
120	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
119	Single Silver Nanoparticle Instillation Induced Early and Persisting Moderate Cortical Damage in Rat Kidneys. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 18,	6.3	15
118	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
117	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
116	Identification of dityrosine cross-linked sites in oxidized human serum albumin. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2016</b> , 1019, 147-55	3.2	22
115	Potential toxicity of environmentally relevant perfluorooctane sulfonate (PFOS) concentrations to yellow-legged gull <i>Larus michahellis</i> embryos. <i>Environmental Science and Pollution Research</i> , <b>2016</b> , 23, 426-37	5.1	13
114	Dietary flavonoids advance timing of moult but do not affect redox status of juvenile blackbirds ( <i>Turdus merula</i> ). <i>Journal of Experimental Biology</i> , <b>2016</b> , 219, 3155-3162	3	3
113	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
112	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
111	Plasma protein thiolation index (PTI) as a biomarker of thiol-specific oxidative stress in haemodialyzed patients. <i>Free Radical Biology and Medicine</i> , <b>2015</b> , 89, 443-51	7.8	19
110	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
109	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
108	Analysis of GSH and GSSG after derivatization with N-ethylmaleimide. <i>Nature Protocols</i> , <b>2013</b> , 8, 1660-9	18.8	183

107	Protein carbonylation in human endothelial cells exposed to cigarette smoke extract. <i>Toxicology Letters</i> , <b>2013</b> , 218, 118-28	4.4	21
106	Redox proteomics: chemical principles, methodological approaches and biological/biomedical promises. <i>Chemical Reviews</i> , <b>2013</b> , 113, 596-698	68.1	179
105	New insights in extracellular matrix remodeling and collagen turnover related pathways in cultured human tenocytes after ciprofloxacin administration. <i>Muscles, Ligaments and Tendons Journal</i> , <b>2013</b> , 3, 122-31	1.9	12
104	Tendon structure and extracellular matrix components are affected by spasticity in cerebral palsy patients. <i>Muscles, Ligaments and Tendons Journal</i> , <b>2013</b> , 3, 42-50	1.9	6
103	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
102	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
101	Redox proteomics analyses of the influence of co-expression of wild-type or mutated LRRK2 and Tau on <i>C. elegans</i> protein expression and oxidative modification: relevance to Parkinson disease. <i>Antioxidants and Redox Signaling</i> , <b>2012</b> , 17, 1490-506	8.4	39
100	Redox albuminomics: oxidized albumin in human diseases. <i>Antioxidants and Redox Signaling</i> , <b>2012</b> , 17, 1515-27	8.4	86
99	Sex-related effects of reproduction on biomarkers of oxidative damage in free-living barn swallows ( <i>Hirundo rustica</i> ). <i>PLoS ONE</i> , <b>2012</b> , 7, e48955	3.7	19
98	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
97	Red blood cells protect albumin from cigarette smoke-induced oxidation. <i>PLoS ONE</i> , <b>2012</b> , 7, e29930	3.7	17
96	Pancreatic cancer cells retain the epithelial-related phenotype and modify mitotic spindle microtubules after the administration of ukraine in vitro. <i>Anti-Cancer Drugs</i> , <b>2012</b> , 23, 935-46	2.4	7
95	Malignant phenotype of renal cell carcinoma cells is switched by ukraine administration in vitro. <i>Anti-Cancer Drugs</i> , <b>2011</b> , 22, 749-62	2.4	8
94	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
93	S-glutathiolation in life and death decisions of the cell. <i>Free Radical Research</i> , <b>2011</b> , 45, 3-15	4	51
92	Detection of glutathione in whole blood after stabilization with N-ethylmaleimide. <i>Analytical Biochemistry</i> , <b>2011</b> , 415, 81-3	3.1	48
91	The potential of resveratrol against human gliomas. <i>Anti-Cancer Drugs</i> , <b>2010</b> , 21, 140-50	2.4	41
90	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

89	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
88	Protein S-glutathionylation and S-cysteinylation <b>2010</b> , 243-259		
87	Ukrain affects pancreas cancer cell phenotype in vitro by targeting MMP-9 and intra-/extracellular SPARC expression. <i>Pancreatology</i> , <b>2010</b> , 10, 545-52	3.8	14
86	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
85	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
84	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
83	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
82	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
81	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
80	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
79	Engineered cobalt oxide nanoparticles readily enter cells. <i>Toxicology Letters</i> , <b>2009</b> , 189, 253-9	4.4	130
78	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
77	Protective CD8+ T-cell responses to cytomegalovirus driven by rAAV/GFP/IE1 loading of dendritic cells. <i>Journal of Translational Medicine</i> , <b>2008</b> , 6, 56	8.5	7
76	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
75	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
74	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
73	Molecular mechanisms and potential clinical significance of S-glutathionylation. <i>Antioxidants and Redox Signaling</i> , <b>2008</b> , 10, 445-73	8.4	245
72	Identification of actin as a 15-deoxy-Delta <sup>12,14</sup> -prostaglandin J <sub>2</sub> target in neuroblastoma cells: mass spectrometric, computational, and functional approaches to investigate the effect on cytoskeletal derangement. <i>Biochemistry</i> , <b>2007</b> , 46, 2707-18	3.2	70

71	Intervention strategies to inhibit protein carbonylation by lipoxidation-derived reactive carbonyls. <i>Medicinal Research Reviews</i> , <b>2007</b> , 27, 817-68	14.4	222
70	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
69	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
68	Familial amyotrophic lateral sclerosis (FALS): Emerging hints from redox proteomics. Highlight commentary on: "Redox proteomics analysis of oxidatively modified proteins in G93A-SOD1 transgenic mice--a model of familial amyotrophic lateral sclerosis". <i>Free Radical Biology and Medicine</i> , <b>2007</b> , 43, 157-9	7.8	5
67	S-glutathionylation in protein redox regulation. <i>Free Radical Biology and Medicine</i> , <b>2007</b> , 43, 883-98	7.8	375
66	Protein carbonylation, cellular dysfunction, and disease progression. <i>Journal of Cellular and Molecular Medicine</i> , <b>2006</b> , 10, 389-406	5.6	589
65	Metabolism of oxidants by blood from different mouse strains. <i>Biochemical Pharmacology</i> , <b>2006</b> , 71, 1753-64	6	20
64	Protein S-glutathionylation and platelet anti-aggregating activity of disulfiram. <i>Biochemical Pharmacology</i> , <b>2006</b> , 72, 608-15	6	20
63	Lipoxidation-derived reactive carbonyl species as potential drug targets in preventing protein carbonylation and related cellular dysfunction. <i>ChemMedChem</i> , <b>2006</b> , 1, 1045-58	3.7	69
62	Chemical Modification of Proteins by Reactive Oxygen Species <b>2006</b> , 1-23		10
61	ICAT (Isotope-Coded Affinity Tag) Approach to Redox Proteomics: Identification and Quantification of Oxidant-Sensitive Protein Thiols <b>2006</b> , 267-285		1
60	Quantitative Determination of Free and Protein-Associated 3-Nitrotyrosine and S-Nitrosothiols in the Circulation by Mass Spectrometry and Other Methodologies: A Critical Review and Discussion from the Analytical and Review Point of View <b>2006</b> , 287-341		3
59	The Covalent Advantage: A New Paradigm for Cell Signaling Mediated by Thiol Reactive Lipid Oxidation Products <b>2006</b> , 343-367		4
58	Early Molecular Events during Response to Oxidative Stress in Human Cells by Differential Proteomics <b>2006</b> , 369-397		3
57	Oxidative Damage to Proteins: Structural Modifications and Consequences in Cell Function <b>2006</b> , 399-471		12
56	Oxidative Damage and Cellular Senescence: Lessons from Bacteria and Yeast <b>2006</b> , 473-484		1
55	Proteins as Sensitive Biomarkers of Human Conditions Associated with Oxidative Stress <b>2006</b> , 485-525		2
54	Degradation and Accumulation of Oxidized Proteins in Age-Related Diseases <b>2006</b> , 527-562		4

53	Redox Proteomics: A New Approach to Investigate Oxidative Stress in Alzheimer's Disease <b>2006</b> , 563-603	7
52	Oxidized Proteins in Cardiac Ischemia and Reperfusion <b>2006</b> , 605-649	1
51	The Chemistry of Protein Modifications Elicited by Nitric Oxide and Related Nitrogen Oxides <b>2006</b> , 25-58	4
50	Proteome Analysis of Oxidative Stress: Glutathionyl Hemoglobin in Diabetic and Uremic Patients <b>2006</b> , 651-667	2
49	Glyco-oxidative Biochemistry in Diabetic Renal Injury <b>2006</b> , 669-680	
48	Quantitative Screening of Protein Glycation, Oxidation, and Nitration Adducts by LC-MS/MS: Protein Damage in Diabetes, Uremia, Cirrhosis, and Alzheimer's Disease <b>2006</b> , 681-727	16
47	Protein Targets and Functional Consequences of Tyrosine Nitration in Vascular Disease <b>2006</b> , 729-786	1
46	Oxidation of Artery Wall Proteins by Myeloperoxidase: A Proteomics Approach <b>2006</b> , 787-811	
45	Oxidative Stress and Protein Oxidation in Pre-Eclampsia <b>2006</b> , 813-829	
44	Involvement of Oxidants in the Etiology of Chronic Airway Diseases: Proteomic Approaches to Identify Redox Processes in Epithelial Cell Signaling and Inflammation <b>2006</b> , 831-876	
43	Sequestering Agents of Intermediate Reactive Aldehydes as Inhibitors of Advanced Lipoxidation End-Products (ALEs) <b>2006</b> , 877-929	1
42	Mass Spectrometry Approaches for the Molecular Characterization of Oxidatively/Nitrosatively Modified Proteins <b>2006</b> , 59-99	6
41	Thiol-Disulfide Oxidoreduction of Protein Cysteines: Old Methods Revisited for Proteomics <b>2006</b> , 101-122	2
40	Carbonylated Proteins and Their Implication in Physiology and Pathology <b>2006</b> , 123-168	10
39	S-Nitrosation of Cysteine Thiols as a Redox Signal <b>2006</b> , 169-188	1
38	Detection of Glycated and Glyco-Oxidated Proteins <b>2006</b> , 189-232	
37	MudPIT (Multidimensional Protein Identification Technology) for Identification of Post-Translational Protein Modifications in Complex Biological Mixtures <b>2006</b> , 233-252	1
36	Use of a Proteomic Technique to Identify Oxidant-Sensitive Thiol Proteins in Cultured Cells <b>2006</b> , 253-265	3



35	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
34	Biomarkers of oxidative damage in human disease. <i>Clinical Chemistry</i> , <b>2006</b> , 52, 601-23	5.5	1189
33	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
32	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
31	Early cytotoxic effects of ochratoxin A in rat liver: a morphological, biochemical and molecular study. <i>Toxicology</i> , <b>2006</b> , 225, 214-24	4.4	75
30	Is there an answer?. <i>IUBMB Life</i> , <b>2005</b> , 57, 189-92	4.7	10
29	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
28	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
27	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> , <b>2005</b> , 40, 946-54	2.2	65
26	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
25	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
24	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
23	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
22	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
21	Protein carbonyl groups as biomarkers of oxidative stress. <i>Clinica Chimica Acta</i> , <b>2003</b> , 329, 23-38	6.2	1630
20	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
19	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
18	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



17	Nitric oxide and S-nitrosothiols in human blood. <i>Clinica Chimica Acta</i> , <b>2003</b> , 330, 85-98	6.2	107
16	Protein carbonylation in human diseases. <i>Trends in Molecular Medicine</i> , <b>2003</b> , 9, 169-76	11.5	698
15	Protein glutathionylation in erythrocytes. <i>Clinical Chemistry</i> , <b>2003</b> , 49, 327-30	5.5	55
14	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
13	Blood Glutathione Disulfide: In Vivo Factor or in Vitro Artifact?. <i>Clinical Chemistry</i> , <b>2002</b> , 48, 742-753	5.5	205
12	Blood glutathione disulfide: in vivo factor or in vitro artifact?. <i>Clinical Chemistry</i> , <b>2002</b> , 48, 742-53	5.5	38
11	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
10	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
9	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
8	Physiological Levels of S-Nitrosothiols in Human Plasma. <i>Circulation Research</i> , <b>2001</b> , 89,	15.7	33
7	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
6	Effects of chlorpromazine on actin polymerization: slackening of filament elongation and filament annealing. <i>Archives of Biochemistry and Biophysics</i> , <b>1999</b> , 369, 59-67	4.1	9
5	Effect of replacement of the tightly bound Ca <sup>2+</sup> by Ba <sup>2+</sup> on actin polymerization. <i>Archives of Biochemistry and Biophysics</i> , <b>1998</b> , 351, 141-8	4.1	7
4	Prolonged oxidative stress on actin. <i>Archives of Biochemistry and Biophysics</i> , <b>1997</b> , 339, 267-74	4.1	69
3	Interaction of cardiac alpha-actinin and actin in the presence of doxorubicin. <i>Experimental and Molecular Pathology</i> , <b>1992</b> , 56, 229-38	4.4	5
2	Lithium increases actin polymerization rates by enhancing the nucleation step. <i>Journal of Molecular Biology</i> , <b>1991</b> , 217, 401-4	6.5	11
1	In Vivo and In Vitro Models for Nanotoxicology Testing		279-302 10