

Isabella Dalle-Donne

List of Publications by Year in descending order

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142
papers

13,466
citations

29994

54
h-index

21474

114
g-index

151
all docs

151
docs citations

151
times ranked

17086
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurement of S-glutathionylated proteins by HPLC. <i>Amino Acids</i> , 2022, 54, 675-686.	1.2	5
2	Preliminary experience on the use of sucrosomial iron in hemodialysis: focus on safety, hemoglobin maintenance and oxidative stress. <i>International Urology and Nephrology</i> , 2022, 54, 1145-1153.	0.6	2
3	Blood Thiol Redox State in Chronic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2853.	1.8	5
4	In vitro copper oxide nanoparticle toxicity on intestinal barrier. <i>Journal of Applied Toxicology</i> , 2021, 41, 291-302.	1.4	6
5	Protein thiolation index in microvolumes of plasma. <i>Analytical Biochemistry</i> , 2021, 618, 114125.	1.1	3
6	Antioxidants in smokers. <i>Nutrition Research Reviews</i> , 2021, , 1-28.	2.1	8
7	Anethole Dithiolethione Increases Glutathione in Kidney by Inhibiting $\hat{3}$ -Glutamyltranspeptidase: Biochemical Interpretation and Pharmacological Consequences. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-13.	1.9	7
8	Plasma Protein Carbonyls as Biomarkers of Oxidative Stress in Chronic Kidney Disease, Dialysis, and Transplantation. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-20.	1.9	15
9	Cigarette smoke and glutathione: Focus on in vitro cell models. <i>Toxicology in Vitro</i> , 2020, 65, 104818.	1.1	12
10	Cytotoxic and proinflammatory responses induced by ZnO nanoparticles in in vitro intestinal barrier. <i>Journal of Applied Toxicology</i> , 2019, 39, 1155-1163.	1.4	13
11	Sulforaphane Cannot Protect Human Fibroblasts From Repeated, Short and Sublethal Treatments with Hydrogen Peroxide. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 657.	1.2	4
12	Membrane Skeletal Protein <i>S</i> -Glutathionylation in Human Red Blood Cells as Index of Oxidative Stress. <i>Chemical Research in Toxicology</i> , 2019, 32, 1096-1102.	1.7	16
13	Advanced oxidation protein products in nondiabetic end stage renal disease patients on maintenance haemodialysis. <i>Free Radical Research</i> , 2019, 53, 1114-1124.	1.5	11
14	Protein carbonylation in human bronchial epithelial cells exposed to cigarette smoke extract. <i>Cell Biology and Toxicology</i> , 2019, 35, 345-360.	2.4	26
15	Yolk vitamin E positively affects prenatal growth but not oxidative status in yellow-legged gull embryos. <i>Environmental Epigenetics</i> , 2018, 64, 285-292.	0.9	5
16	Plasma Protein Carbonylation in Haemodialysed Patients: Focus on Diabetes and Gender. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	1.9	16
17	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> , 2018, 126, 202-209.	1.3	19
18	Antioxidants and embryo phenotype: is there experimental evidence for strong integration of the antioxidant system?. <i>Journal of Experimental Biology</i> , 2017, 220, 615-624.	0.8	7

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19	Plasma protein-bound di-tyrosines as biomarkers of oxidative stress in end stage renal disease patients on maintenance haemodialysis. <i>BBA Clinical</i> , 2017, 7, 55-63.	4.1	16
20	Determination of protein thiolation index (PTI) as a biomarker of oxidative stress in human serum. <i>Analytical Biochemistry</i> , 2017, 538, 38-41.	1.1	10
21	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> , 2017, 112, 360-375.	1.3	111
22	Thiol oxidation and di-tyrosine formation in human plasma proteins induced by inflammatory concentrations of hypochlorous acid. <i>Journal of Proteomics</i> , 2017, 152, 22-32.	1.2	34
23	Protein Carbonylation in Human Smokers and Mammalian Models of Exposure to Cigarette Smoke: Focus on Redox Proteomic Studies. <i>Antioxidants and Redox Signaling</i> , 2017, 26, 406-426.	2.5	13
24	Single Silver Nanoparticle Instillation Induced Early and Persisting Moderate Cortical Damage in Rat Kidneys. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2115.	1.8	17
25	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> , 2016, 219, 3155-3162.	0.8	4
26	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> , 2016, 1019, 21-28.	1.2	107
27	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> , 2016, 1019, 178-190.	1.2	119
28	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> , 2016, 1019, 147-155.	1.2	25
29	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> , 2016, 23, 426-437.	2.7	13
30	Plasma protein thiolation index (PTI) as a biomarker of thiol-specific oxidative stress in haemodialyzed patients. <i>Free Radical Biology and Medicine</i> , 2015, 89, 443-451.	1.3	22
31	Glutathione, glutathione disulfide, and S-glutathionylated proteins in cell cultures. <i>Free Radical Biology and Medicine</i> , 2015, 89, 972-981.	1.3	59
32	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> , 2015, 1850, 1-12.	1.1	48
33	Pathophysiology of tobacco smoke exposure: Recent insights from comparative and redox proteomics. <i>Mass Spectrometry Reviews</i> , 2014, 33, 183-218.	2.8	39
34	Cigarette smoke induces alterations in the drug-binding properties of human serum albumin. <i>Blood Cells, Molecules, and Diseases</i> , 2014, 52, 166-174.	0.6	13
35	Redox proteomics: from protein modifications to cellular dysfunction and disease. <i>Mass Spectrometry Reviews</i> , 2014, 33, 1-6.	2.8	57
36	Analysis of GSH and GSSG after derivatization with N-ethylmaleimide. <i>Nature Protocols</i> , 2013, 8, 1660-1669.	5.5	257

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37	Protein carbonylation in human endothelial cells exposed to cigarette smoke extract. <i>Toxicology Letters</i> , 2013, 218, 118-128.	0.4	25
38	Redox Proteomics: Chemical Principles, Methodological Approaches and Biological/Biomedical Promises. <i>Chemical Reviews</i> , 2013, 113, 596-698.	23.0	222
39	Tendon structure and extracellular matrix components are affected by spasticity in cerebral palsy patients. <i>Muscles, Ligaments and Tendons Journal</i> , 2013, 3, 42-50.	0.1	6
40	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> , 2013, 3, 122-31.	0.1	16
41	Protein thiolation index (PTI) as a biomarker of oxidative stress. <i>Free Radical Biology and Medicine</i> , 2012, 53, 907-915.	1.3	40
42	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> , 2012, 84, 1522-1533.	2.0	68
43	Redox Proteomics. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 1487-1489.	2.5	62
44	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> , 2012, 17, 1490-1506.	2.5	43
45	Redox Albuminomics: Oxidized Albumin in Human Diseases. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 1515-1527.	2.5	121
46	Sex-Related Effects of Reproduction on Biomarkers of Oxidative Damage in Free-living Barn Swallows (<i>Hirundo rustica</i>). <i>PLoS ONE</i> , 2012, 7, e48955.	1.1	20
47	Oxidative damage in human gingival fibroblasts exposed to cigarette smoke. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1584-1596.	1.3	73
48	Pancreatic cancer cells retain the epithelial-related phenotype and modify mitotic spindle microtubules after the administration of ukrain in vitro. <i>Anti-Cancer Drugs</i> , 2012, 23, 935-946.	0.7	12
49	Red Blood Cells Protect Albumin from Cigarette Smoke-Induced Oxidation. <i>PLoS ONE</i> , 2012, 7, e29930.	1.1	22
50	S-Glutathiolation in life and death decisions of the cell. <i>Free Radical Research</i> , 2011, 45, 3-15.	1.5	58
51	Malignant phenotype of renal cell carcinoma cells is switched by Ukrain administration in vitro. <i>Anti-Cancer Drugs</i> , 2011, 22, 749-762.	0.7	11
52	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> , 2011, 132, 141-148.	2.2	58
53	Detection of glutathione in whole blood after stabilization with N-ethylmaleimide. <i>Analytical Biochemistry</i> , 2011, 415, 81-83.	1.1	59
54	Ukrain Affects Pancreas Cancer Cell Phenotype in vitro by Targeting MMP-9 and Intra-/Extracellular SPARC Expression. <i>Pancreatology</i> , 2010, 10, 545-552.	0.5	19

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55	The potential of resveratrol against human gliomas. <i>Anti-Cancer Drugs</i> , 2010, 21, 140-150.	0.7	49
56	Water-Soluble α,β -Unsaturated Aldehydes of Cigarette Smoke Induce Carbonylation of Human Serum Albumin. <i>Antioxidants and Redox Signaling</i> , 2010, 12, 349-364.	2.5	68
57	Cellular redox potential and hemoglobin S-glutathionylation in human and rat erythrocytes: A comparative study. <i>Blood Cells, Molecules, and Diseases</i> , 2010, 44, 133-139.	0.6	18
58	Protein S-glutathionylation: a regulatory device from bacteria to humans. <i>Trends in Biochemical Sciences</i> , 2009, 34, 85-96.	3.7	557
59	Cysteinylation and homocysteinylation of plasma protein thiols during ageing of healthy human beings. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 3131-3140.	1.6	89
60	Protein carbonylation: 2,4-dinitrophenylhydrazine reacts with both aldehydes/ketones and sulfenic acids. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1411-1419.	1.3	76
61	Oxidative stress induces a reversible flux of cysteine from tissues to blood <i>in vivo</i> in the rat. <i>FEBS Journal</i> , 2009, 276, 4946-4958.	2.2	20
62	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> , 2009, 877, 3467-3474.	1.2	8
63	Analysis of thiols. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 3271-3273.	1.2	18
64	Carboplatin-induced alteration of the thiol homeostasis in the isolated perfused rat kidney. <i>Archives of Biochemistry and Biophysics</i> , 2009, 488, 83-89.	1.4	8
65	Engineered cobalt oxide nanoparticles readily enter cells. <i>Toxicology Letters</i> , 2009, 189, 253-259.	0.4	149
66	Oxidative stress and human diseases: Origin, link, measurement, mechanisms, and biomarkers. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2009, 46, 241-281.	2.7	348
67	Molecular Mechanisms and Potential Clinical Significance of S-Glutathionylation. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 445-474.	2.5	275
68	Protective CD8+ T-cell responses to cytomegalovirus driven by rAAV/GFP/IE1 loading of dendritic cells. <i>Journal of Translational Medicine</i> , 2008, 6, 56.	1.8	10
69	Nitrite and Nitrate Measurement by Griess Reagent in Human Plasma: Evaluation of Interferences and Standardization. <i>Methods in Enzymology</i> , 2008, 440, 361-380.	0.4	272
70	Is ascorbate able to reduce disulfide bridges? A cautionary note. <i>Nitric Oxide - Biology and Chemistry</i> , 2008, 19, 252-258.	1.2	112
71	Red blood cells as a physiological source of glutathione for extracellular fluids. <i>Blood Cells, Molecules, and Diseases</i> , 2008, 40, 174-179.	0.6	70
72	Identification of Actin as a 15-Deoxy- $\Delta^{12,14}$ -prostaglandin J2 Target in Neuroblastoma Cells: A Mass Spectrometric, Computational, and Functional Approaches To Investigate the Effect on Cytoskeletal Derangement. <i>Biochemistry</i> , 2007, 46, 2707-2718.	1.2	73

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73	Intervention strategies to inhibit protein carbonylation by lipoxidation-derived reactive carbonyls. <i>Medicinal Research Reviews</i> , 2007, 27, 817-868.	5.0	256
74	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> , 2007, 851, 124-139.	1.2	120
75	Actin Cys374 as a nucleophilic target of α,β -unsaturated aldehydes. <i>Free Radical Biology and Medicine</i> , 2007, 42, 583-598.	1.3	82
76	Familial amyotrophic lateral sclerosis (FALS): Emerging hints from redox proteomics.. <i>Free Radical Biology and Medicine</i> , 2007, 43, 157-159.	1.3	5
77	S-glutathionylation in protein redox regulation. <i>Free Radical Biology and Medicine</i> , 2007, 43, 883-898.	1.3	422
78	Oxidized Forms of Glutathione in Peripheral Blood as Biomarkers of Oxidative Stress. <i>Clinical Chemistry</i> , 2006, 52, 1406-1414.	1.5	125
79	Biomarkers of Oxidative Damage in Human Disease. <i>Clinical Chemistry</i> , 2006, 52, 601-623.	1.5	1,395
80	Membrane skeletal protein S-glutathionylation and hemolysis in human red blood cells. <i>Blood Cells, Molecules, and Diseases</i> , 2006, 37, 180-187.	0.6	30
81	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> , 2006, 61, 1030-1038.	1.7	122
82	Early cytotoxic effects of ochratoxin A in rat liver: A morphological, biochemical and molecular study. <i>Toxicology</i> , 2006, 225, 214-224.	2.0	85
83	Protein carbonylation, cellular dysfunction, and disease progression. <i>Journal of Cellular and Molecular Medicine</i> , 2006, 10, 389-406.	1.6	691
84	Metabolism of oxidants by blood from different mouse strains. <i>Biochemical Pharmacology</i> , 2006, 71, 1753-1764.	2.0	20
85	Protein S-glutathionylation and platelet anti-aggregating activity of disulfiram. <i>Biochemical Pharmacology</i> , 2006, 72, 608-615.	2.0	22
86	Lipoxidation-Derived Reactive Carbonyl Species as Potential Drug Targets in Preventing Protein Carbonylation and Related Cellular Dysfunction. <i>ChemMedChem</i> , 2006, 1, 1045-1058.	1.6	78
87	Chemical Modification of Proteins by Reactive Oxygen Species. , 2006, , 1-23.		15
88	ICAT (Isotope-Coded Affinity Tag) Approach to Redox Proteomics: Identification and Quantification of Oxidant-Sensitive Protein Thiols. , 2006, , 267-285.		2
89	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. , 2006, , 287-341.		3
90	The Covalent Advantage: A New Paradigm for Cell Signaling Mediated by Thiol Reactive Lipid Oxidation Products. , 2006, , 343-367.		4

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91	Early Molecular Events during Response to Oxidative Stress in Human Cells by Differential Proteomics. , 2006, , 369-397.		3
92	Oxidative Damage to Proteins: Structural Modifications and Consequences in Cell Function. , 2006, , 399-471.		18
93	Oxidative Damage and Cellular Senescence: Lessons from Bacteria and Yeast. , 2006, , 473-484.		1
94	Proteins as Sensitive Biomarkers of Human Conditions Associated with Oxidative Stress. , 2006, , 485-525.		3
95	Degradation and Accumulation of Oxidized Proteins in Age-Related Diseases. , 2006, , 527-562.		6
96	Redox Proteomics: A New Approach to Investigate Oxidative Stress in Alzheimer's Disease. , 2006, , 563-603.		8
97	Oxidized Proteins in Cardiac Ischemia and Reperfusion. , 2006, , 605-649.		2
98	The Chemistry of Protein Modifications Elicited by Nitric Oxide and Related Nitrogen Oxides. , 2006, , 25-58.		4
99	Proteome Analysis of Oxidative Stress: Glutathionyl Hemoglobin in Diabetic and Uremic Patients. , 2006, , 651-667.		3
100	Glyco-oxidative Biochemistry in Diabetic Renal Injury. , 2006, , 669-680.		0
101	Quantitative Screening of Protein Glycation, Oxidation, and Nitration Adducts by LC-MS/MS: Protein Damage in Diabetes, Uremia, Cirrhosis, and Alzheimer's Disease. , 2006, , 681-727.		16
102	Protein Targets and Functional Consequences of Tyrosine Nitration in Vascular Disease. , 2006, , 729-786.		1
103	Oxidation of Artery Wall Proteins by Myeloperoxidase: A Proteomics Approach. , 2006, , 787-811.		0
104	Oxidative Stress and Protein Oxidation in Pre-Eclampsia. , 2006, , 813-829.		0
105	Involvement of Oxidants in the Etiology of Chronic Airway Diseases: Proteomic Approaches to Identify Redox Processes in Epithelial Cell Signaling and Inflammation. , 2006, , 831-876.		0
106	Sequestering Agents of Intermediate Reactive Aldehydes as Inhibitors of Advanced Lipoxidation End-Products (ALEs). , 2006, , 877-929.		1
107	Mass Spectrometry Approaches for the Molecular Characterization of Oxidatively/Nitrosatively Modified Proteins. , 2006, , 59-99.		8
108	Thiol-Disulfide Oxidoreduction of Protein Cysteines: Old Methods Revisited for Proteomics. , 2006, , 101-122.		3

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109	Carbonylated Proteins and Their Implication in Physiology and Pathology. , 2006, , 123-168.		11
110	S-Nitrosation of Cysteine Thiols as a Redox Signal. , 2006, , 169-188.		1
111	Detection of Glycated and Glyco-Oxidated Proteins. , 2006, , 189-232.		0
112	MudPIT (Multidimensional Protein Identification Technology) for Identification of Post-Translational Protein Modifications in Complex Biological Mixtures. , 2006, , 233-252.		2
113	Use of a Proteomic Technique to Identify Oxidant-Sensitive Thiol Proteins in Cultured Cells. , 2006, , 253-265.		4
114	Is There an Answer?. IUBMB Life, 2005, 57, 189-192.	1.5	12
115	S-glutathionylation in human platelets by a thiolâ€“disulfide exchange-independent mechanism. Free Radical Biology and Medicine, 2005, 38, 1501-1510.	1.3	74
116	Proteins as biomarkers of oxidative/nitrosative stress in diseases: The contribution of redox proteomics. Mass Spectrometry Reviews, 2005, 24, 55-99.	2.8	392
117	Covalent modification of actin by 4-hydroxy-trans-2-nonenal (HNE): LC-ESI-MS/MS evidence for Cys374 Michael addition. Journal of Mass Spectrometry, 2005, 40, 946-954.	0.7	74
118	S-Nitrosation versus S-Glutathionylation of Protein Sulfhydryl Groups by S-Nitrosoglutathione. Antioxidants and Redox Signaling, 2005, 7, 930-939.	2.5	127
119	S-Glutathionylation: from redox regulation of protein functions to human diseases. Journal of Cellular and Molecular Medicine, 2004, 8, 201-212.	1.6	265
120	Interference of Plasmatic Reduced Glutathione and Hemolysis on Glutathione Disulfide Levels in Human Blood. Free Radical Research, 2004, 38, 1101-1106.	1.5	19
121	Adaptation of the Griess Reaction for Detection of Nitrite in Human Plasma. Free Radical Research, 2004, 38, 1235-1240.	1.5	60
122	Nitric oxide, S-nitrosothiols and hemoglobin: is methodology the key?. Trends in Pharmacological Sciences, 2004, 25, 311-316.	4.0	49
123	Protein carbonyl groups as biomarkers of oxidative stress. Clinica Chimica Acta, 2003, 329, 23-38.	0.5	1,888
124	Reversible S-glutathionylation of Cys374 regulates actin filament formation by inducing structural changes in the actin molecule. Free Radical Biology and Medicine, 2003, 34, 23-32.	1.3	178
125	Actin S-glutathionylation: evidence against a thiol-disulphide exchange mechanism. Free Radical Biology and Medicine, 2003, 35, 1185-1193.	1.3	104
126	An improved HPLC measurement for GSH and GSSG in human blood. Free Radical Biology and Medicine, 2003, 35, 1365-1372.	1.3	140

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127	Nitric oxide and S-nitrosothiols in human blood. <i>Clinica Chimica Acta</i> , 2003, 330, 85-98.	0.5	117
128	Protein carbonylation in human diseases. <i>Trends in Molecular Medicine</i> , 2003, 9, 169-176.	3.5	813
129	Protein Glutathionylation in Erythrocytes. <i>Clinical Chemistry</i> , 2003, 49, 327-330.	1.5	59
130	Blood Glutathione Disulfide: In Vivo Factor or in Vitro Artifact?. <i>Clinical Chemistry</i> , 2002, 48, 742-753.	1.5	227
131	Methionine oxidation as a major cause of the functional impairment of oxidized actin. <i>Free Radical Biology and Medicine</i> , 2002, 32, 927-937.	1.3	126
132	Blood glutathione disulfide: in vivo factor or in vitro artifact?. <i>Clinical Chemistry</i> , 2002, 48, 742-53.	1.5	53
133	Physiological Levels of S-Nitrosothiols in Human Plasma. <i>Circulation Research</i> , 2001, 89, .	2.0	38
134	Actin carbonylation: from a simple marker of protein oxidation to relevant signs of severe functional impairment. <i>Free Radical Biology and Medicine</i> , 2001, 31, 1075-1083.	1.3	148
135	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> , 2001, 31, 1624-1632.	1.3	353
136	Different Metabolizing Ability of Thiol Reactants in Human and Rat Blood. <i>Journal of Biological Chemistry</i> , 2001, 276, 7004-7010.	1.6	76
137	S-NO-actin: S-nitrosylation kinetics and the effect on isolated vascular smooth muscle. <i>Journal of Muscle Research and Cell Motility</i> , 2000, 21, 171-181.	0.9	81
138	Effects of Chlorpromazine on Actin Polymerization: Slackening of Filament Elongation and Filament Annealing. <i>Archives of Biochemistry and Biophysics</i> , 1999, 369, 59-67.	1.4	9
139	Effect of Replacement of the Tightly Bound Ca ²⁺ by Ba ²⁺ on Actin Polymerization. <i>Archives of Biochemistry and Biophysics</i> , 1998, 351, 141-148.	1.4	8
140	Prolonged Oxidative Stress on Actin. <i>Archives of Biochemistry and Biophysics</i> , 1997, 339, 267-274.	1.4	71
141	Interaction of cardiac β -actinin and actin in the presence of doxorubicin. <i>Experimental and Molecular Pathology</i> , 1992, 56, 229-238.	0.9	5
142	Lithium increases actin polymerization rates by enhancing the nucleation step. <i>Journal of Molecular Biology</i> , 1991, 217, 401-404.	2.0	12