# Isabella Dalle-Donne

List of Publications by Year
in descending order



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|---|---|---|---|
| 142 papers | 13,466 citations | 30070 54 h-index | 21540 114 g-index |

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|---|---|---|---|
| 151 all docs | 151 docs citations | 151 times ranked | 17086 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Protein carbonyl groups as biomarkers of oxidative stress. Clinica Chimica Acta, 2003, 329, 23-38. | 1.1 | 1,888 |
| 2 | Biomarkers of Oxidative Damage in Human Disease. Clinical Chemistry, 2006, 52, 601-623. | 3.2 | 1,395 |
| 3 | Protein carbonylation in human diseases. Trends in Molecular Medicine, 2003, 9, 169-176. | 6.7 | 813 |
| 4 | Protein carbonylation, cellular dysfunction, and disease progression. Journal of Cellular and Molecular Medicine, 2006, 10, 389-406. | 3.6 | 691 |
| 5 | Protein S-glutathionylation: a regulatory device from bacteria to humans. Trends in Biochemical Sciences, 2009, 34, 85-96. | 7.5 | 557 |
| 6 | S-glutathionylation in protein redox regulation. Free Radical Biology and Medicine, 2007, 43, 883-898. | 2.9 | 422 |
| 7 | Proteins as biomarkers of oxidative/nitrosative stress in diseases: The contribution of redox proteomics. Mass Spectrometry Reviews, 2005, 24, 55-99. | 5.4 | 392 |
| 8 | The actin cytoskeleton response to oxidants: from small heat shock protein phosphorylation to changes in the redox state of actin itself. Free Radical Biology and Medicine, 2001, 31, 1624-1632. | 2.9 | 353 |
| 9 | Oxidative stress and human diseases: Origin, link, measurement, mechanisms, and biomarkers. Critical Reviews in Clinical Laboratory Sciences, 2009, 46, 241-281. | 6.1 | 348 |
| 10 | Molecular Mechanisms and Potential Clinical Significance ofS-Glutathionylation. Antioxidants and Redox Signaling, 2008, 10, 445-474. | 5.4 | 275 |
| 11 | Nitrite and Nitrate Measurement by Griess Reagent in Human Plasma: Evaluation of Interferences and Standardization. Methods in Enzymology, 2008, 440, 361-380. | 1.0 | 272 |
| 12 | S-Glutathionylation: from redox regulation of protein functions to human diseases. Journal of Cellular and Molecular Medicine, 2004, 8, 201-212. | 3.6 | 265 |
| 13 | Analysis of GSH and GSSG after derivatization with N-ethylmaleimide. Nature Protocols, 2013, 8, 1660-1669. | 12.0 | 257 |
| 14 | Intervention strategies to inhibit protein carbonylation by lipoxidation-derived reactive carbonyls. Medicinal Research Reviews, 2007, 27, 817-868. | 10.5 | 256 |
| 15 | Blood Glutathione Disulfide: In Vivo Factor or in Vitro Artifact?. Clinical Chemistry, 2002, 48, 742-753. | 3.2 | 227 |
| 16 | Redox Proteomics: Chemical Principles, Methodological Approaches and Biological/Biomedical Promises. Chemical Reviews, 2013, 113, 596-698. | 47.7 | 222 |
| 17 | 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. | 2.9 | 178 |
| 18 | Engineered cobalt oxide nanoparticles readily enter cells. Toxicology Letters, 2009, 189, 253-259. | 0.8 | 149 |

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| 19 | Actin carbonylation: from a simple marker of protein oxidation to relevant signs of severe functional impairment. Free Radical Biology and Medicine, 2001, 31, 1075-1083. | 2.9 | 148 |
| 20 | An improved HPLC measurement for GSH and GSSG in human blood. Free Radical Biology and Medicine, 2003, 35, 1365-1372. | 2.9 | 140 |
| 21 | S-Nitrosation versus S-Glutathionylation of Protein Sulfhydryl Groups by S-Nitrosoglutathione. Antioxidants and Redox Signaling, 2005, 7, 930-939. | 5.4 | 127 |
| 22 | Methionine oxidation as a major cause of the functional impairment of oxidized actin. Free Radical Biology and Medicine, 2002, 32, 927-937. | 2.9 | 126 |
| 23 | Oxidized Forms of Glutathione in Peripheral Blood as Biomarkers of Oxidative Stress. Clinical Chemistry, 2006, 52, 1406-1414. | 3.2 | 125 |
| 24 | Age-Related Influence on Thiol, Disulfide, and Protein-Mixed Disulfide Levels in Human Plasma. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 1030-1038. | 3.6 | 122 |
| 25 | Redox Albuminomics: Oxidized Albumin in Human Diseases. Antioxidants and Redox Signaling, 2012, 17, 1515-1527. | 5.4 | 121 |
| 26 | Detection of S-nitrosothiols in biological fluids: A comparison among the most widely applied methodologies. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 851, 124-139. | 2.3 | 120 |
| 27 | A step-by-step protocol for assaying protein carbonylation in biological samples. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1019, 178-190. | 2.3 | 119 |
| 28 | Nitric oxide and S-nitrosothiols in human blood. Clinica Chimica Acta, 2003, 330, 85-98. | 1.1 | 117 |
| 29 | Is ascorbate able to reduce disulfide bridges? A cautionary note. Nitric Oxide - Biology and Chemistry, 2008, 19, 252-258. | 2.7 | 112 |
| 30 | Assessment of glutathione/glutathione disulphide ratio and S-glutathionylated proteins in human blood, solid tissues, and cultured cells. Free Radical Biology and Medicine, 2017, 112, 360-375. | 2.9 | 111 |
| 31 | Pitfalls in the analysis of the physiological antioxidant glutathione (GSH) and its disulfide (GSSG) in biological samples: An elephant in the room. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1019, 21-28. | 2.3 | 107 |
| 32 | Actin S-glutathionylation: evidence against a thiol-disulphide exchange mechanism. Free Radical Biology and Medicine, 2003, 35, 1185-1193. | 2.9 | 104 |
| 33 | Cysteinylation and homocysteinylation of plasma protein thiols during ageing of healthy human beings. Journal of Cellular and Molecular Medicine, 2009, 13, 3131-3140. | 3.6 | 89 |
| 34 | Early cytotoxic effects of ochratoxin A in rat liver: A morphological, biochemical and molecular study. Toxicology, 2006, 225, 214-224. | 4.2 | 85 |
| 35 | Actin Cys374 as a nucleophilic target of Î±,Î²-unsaturated aldehydes. Free Radical Biology and Medicine, 2007, 42, 583-598. | 2.9 | 82 |
| 36 | S-NO-actin: S-nitrosylation kinetics and the effect on isolated vascular smooth muscle. Journal of Muscle Research and Cell Motility, 2000, 21, 171-181. | 2.0 | 81 |

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| 37 | Lipoxidation-Derived Reactive Carbonyl Species as Potential Drug Targets in Preventing Protein Carbonylation and Related Cellular Dysfunction. ChemMedChem, 2006, 1, 1045-1058. | 3.2 | 78 |
| 38 | Different Metabolizing Ability of Thiol Reactants in Human and Rat Blood. Journal of Biological Chemistry, 2001, 276, 7004-7010. | 3.4 | 76 |
| 39 | Protein carbonylation: 2,4-dinitrophenylhydrazine reacts with both aldehydes/ketones and sulfenic acids. Free Radical Biology and Medicine, 2009, 46, 1411-1419. | 2.9 | 76 |
| 40 | S-glutathionylation in human platelets by a thiolâ€“disulfide exchange-independent mechanism. Free Radical Biology and Medicine, 2005, 38, 1501-1510. | 2.9 | 74 |
| 41 | Covalent modification of actin by 4-hydroxy-trans-2-nonenal (HNE): LC-ESI-MS/MS evidence for Cys374 Michael adduction. Journal of Mass Spectrometry, 2005, 40, 946-954. | 1.6 | 74 |
| 42 | Identification of Actin as a 15-Deoxy-Î”12,14-prostaglandin J2Target in Neuroblastoma Cells:Â Mass Spectrometric, Computational, and Functional Approaches To Investigate the Effect on Cytoskeletal Derangementâ€. Biochemistry, 2007, 46, 2707-2718. | 2.5 | 73 |
| 43 | Oxidative damage in human gingival fibroblasts exposed to cigarette smoke. Free Radical Biology and Medicine, 2012, 52, 1584-1596. | 2.9 | 73 |
| 44 | Prolonged Oxidative Stress on Actin. Archives of Biochemistry and Biophysics, 1997, 339, 267-274. | 3.0 | 71 |
| 45 | Red blood cells as a physiological source of glutathione for extracellular fluids. Blood Cells, Molecules, and Diseases, 2008, 40, 174-179. | 1.4 | 70 |
| 46 | Water-Soluble Î±,Î²-Unsaturated Aldehydes of Cigarette Smoke Induce Carbonylation of Human Serum Albumin. Antioxidants and Redox Signaling, 2010, 12, 349-364. | 5.4 | 68 |
| 47 | N-Acetylcysteine ethyl ester (NACET): A novel lipophilic cell-permeable cysteine derivative with an unusual pharmacokinetic feature and remarkable antioxidant potential. Biochemical Pharmacology, 2012, 84, 1522-1533. | 4.4 | 68 |
| 48 | Redox Proteomics. Antioxidants and Redox Signaling, 2012, 17, 1487-1489. | 5.4 | 62 |
| 49 | Adaptation of the Griess Reaction for Detection of Nitrite in Human Plasma. Free Radical Research, 2004, 38, 1235-1240. | 3.3 | 60 |
| 50 | Protein Glutathionylation in Erythrocytes. Clinical Chemistry, 2003, 49, 327-330. | 3.2 | 59 |
| 51 | Detection of glutathione in whole blood after stabilization with N-ethylmaleimide. Analytical Biochemistry, 2011, 415, 81-83. | 2.4 | 59 |
| 52 | Glutathione, glutathione disulfide, and S-glutathionylated proteins in cell cultures. Free Radical Biology and Medicine, 2015, 89, 972-981. | 2.9 | 59 |
| 53 | S-Glutathiolation in life and death decisions of the cell. Free Radical Research, 2011, 45, 3-15. | 3.3 | 58 |
| 54 | Low molecular mass thiols, disulfides and protein mixed disulfides in rat tissues: Influence of sample manipulation, oxidative stress and ageing. Mechanisms of Ageing and Development, 2011, 132, 141-148. | 4.6 | 58 |

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| 55 | Redox proteomics: from protein modifications to cellular dysfunction and disease. Mass Spectrometry Reviews, 2014, 33, 1-6. | 5.4 | 57 |
| 56 | Blood glutathione disulfide: in vivo factor or in vitro artifact?. Clinical Chemistry, 2002, 48, 742-53. | 3.2 | 53 |
| 57 | Nitric oxide, S-nitrosothiols and hemoglobin: is methodology the key?. Trends in Pharmacological Sciences, 2004, 25, 311-316. | 8.7 | 49 |
| 58 | The potential of resveratrol against human gliomas. Anti-Cancer Drugs, 2010, 21, 140-150. | 1.4 | 49 |
| 59 | A central role for intermolecular dityrosine cross-linking of fibrinogen in high molecular weight advanced oxidation protein product (AOPP) formation. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 1-12. | 2.4 | 48 |
| 60 | Redox Proteomics Analyses of the Influence of Co-Expression of Wild-Type or Mutated LRRK2 and Tau on C. elegans Protein Expression and Oxidative Modification: Relevance to Parkinson Disease. Antioxidants and Redox Signaling, 2012, 17, 1490-1506. | 5.4 | 43 |
| 61 | Protein thiolation index (PTI) as a biomarker of oxidative stress. Free Radical Biology and Medicine, 2012, 53, 907-915. | 2.9 | 40 |
| 62 | Pathophysiology of tobacco smoke exposure: Recent insights from comparative and redox proteomics. Mass Spectrometry Reviews, 2014, 33, 183-218. | 5.4 | 39 |
| 63 | Physiological Levels of S -Nitrosothiols in Human Plasma. Circulation Research, 2001, 89, . | 4.5 | 38 |
| 64 | Thiol oxidation and di-tyrosine formation in human plasma proteins induced by inflammatory concentrations of hypochlorous acid. Journal of Proteomics, 2017, 152, 22-32. | 2.4 | 34 |
| 65 | Membrane skeletal protein S-glutathionylation and hemolysis in human red blood cells. Blood Cells, Molecules, and Diseases, 2006, 37, 180-187. | 1.4 | 30 |
| 66 | Protein carbonylation in human bronchial epithelial cells exposed to cigarette smoke extract. Cell Biology and Toxicology, 2019, 35, 345-360. | 5.3 | 26 |
| 67 | Protein carbonylation in human endothelial cells exposed to cigarette smoke extract. Toxicology Letters, 2013, 218, 118-128. | 0.8 | 25 |
| 68 | Identification of dityrosine cross-linked sites in oxidized human serum albumin. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1019, 147-155. | 2.3 | 25 |
| 69 | Protein S-glutathionylation and platelet anti-aggregating activity of disulfiram. Biochemical Pharmacology, 2006, 72, 608-615. | 4.4 | 22 |
| 70 | Plasma protein thiolation index (PTI) as a biomarker of thiol-specific oxidative stress in haemodialyzed patients. Free Radical Biology and Medicine, 2015, 89, 443-451. | 2.9 | 22 |
| 71 | Red Blood Cells Protect Albumin from Cigarette Smokeâ€“Induced Oxidation. PLoS ONE, 2012, 7, e29930. | 2.5 | 22 |
| 72 | Metabolism of oxidants by blood from different mouse strains. Biochemical Pharmacology, 2006, 71, 1753-1764. | 4.4 | 20 |

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| 73 | Oxidative stress induces a reversible flux of cysteine from tissues to blood inâ€ƒvivo in the rat. FEBS Journal, 2009, 276, 4946-4958. | 4.7 | 20 |
| 74 | Sex-Related Effects of Reproduction on Biomarkers of Oxidative Damage in Free-living Barn Swallows (Hirundo rustica). PLoS ONE, 2012, 7, e48955. | 2.5 | 20 |
| 75 | Interference of Plasmatic Reduced Glutathione and Hemolysis on Glutathione Disulfide Levels in Human Blood. Free Radical Research, 2004, 38, 1101-1106. | 3.3 | 19 |
| 76 | Ukrain Affects Pancreas Cancer Cell Phenotype in vitro by Targeting MMP-9 and Intra-/Extracellular SPARC Expression. Pancreatology, 2010, 10, 545-552. | 1.1 | 19 |
| 77 | N-acetylcysteine ethyl ester as GSH enhancer in human primary endothelial cells: A comparative study with other drugs. Free Radical Biology and Medicine, 2018, 126, 202-209. | 2.9 | 19 |
| 78 | Oxidative Damage to Proteins: Structural Modifications and Consequences in Cell Function. , 2006, , 399-471. | | 18 |
| 79 | Analysis of thiols. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 3271-3273. | 2.3 | 18 |
| 80 | Cellular redox potential and hemoglobin S-glutathionylation in human and rat erythrocytes: A comparative study. Blood Cells, Molecules, and Diseases, 2010, 44, 133-139. | 1.4 | 18 |
| 81 | Single Silver Nanoparticle Instillation Induced Early and Persisting Moderate Cortical Damage in Rat Kidneys. International Journal of Molecular Sciences, 2017, 18, 2115. | 4.1 | 17 |
| 82 | 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 |
| 83 | Plasma protein-bound di-tyrosines as biomarkers of oxidative stress in end stage renal disease patients on maintenance haemodialysis. BBA Clinical, 2017, 7, 55-63. | 4.1 | 16 |
| 84 | Plasma Protein Carbonylation in Haemodialysed Patients: Focus on Diabetes and Gender. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-12. | 4.0 | 16 |
| 85 | Membrane Skeletal Protein S-Glutathionylation in Human Red Blood Cells as Index of Oxidative Stress. Chemical Research in Toxicology, 2019, 32, 1096-1102. | 3.3 | 16 |
| 86 | New insights in extracellular matrix remodeling and collagen turnover related pathways in cultured human tenocytes after ciprofloxacin administration. Muscles, Ligaments and Tendons Journal, 2013, 3, 122-31. | 0.3 | 16 |
| 87 | Chemical Modification of Proteins by Reactive Oxygen Species. , 2006, , 1-23. | | 15 |
| 88 | Plasma Protein Carbonyls as Biomarkers of Oxidative Stress in Chronic Kidney Disease, Dialysis, and Transplantation. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-20. | 4.0 | 15 |
| 89 | Cigarette smoke induces alterations in the drug-binding properties of human serum albumin. Blood Cells, Molecules, and Diseases, 2014, 52, 166-174. | 1.4 | 13 |
| 90 | Potential toxicity of environmentally relevant perfluorooctane sulfonate (PFOS) concentrations to yellow-legged gull Larus michahellis embryos. Environmental Science and Pollution Research, 2016, 23, 426-437. | 5.3 | 13 |

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| 91 | Protein Carbonylation in Human Smokers and Mammalian Models of Exposure to Cigarette Smoke: Focus on Redox Proteomic Studies. Antioxidants and Redox Signaling, 2017, 26, 406-426. | 5.4 | 13 |
| 92 | Cytotoxic and proinflammatory responses induced by ZnO nanoparticles in in vitro intestinal barrier. Journal of Applied Toxicology, 2019, 39, 1155-1163. | 2.8 | 13 |
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| 97 | Carbonylated Proteins and Their Implication in Physiology and Pathology. , 2006, , 123-168. | | 11 |
| 98 | Malignant phenotype of renal cell carcinoma cells is switched by Ukrain administration in vitro. Anti-Cancer Drugs, 2011, 22, 749-762. | 1.4 | 11 |
| 99 | Advanced oxidation protein products in nondiabetic end stage renal disease patients on maintenance haemodialysis. Free Radical Research, 2019, 53, 1114-1124. | 3.3 | 11 |
| 100 | Protective CD8+ T-cell responses to cytomegalovirus driven by rAAV/GFP/IE1 loading of dendritic cells. Journal of Translational Medicine, 2008, 6, 56. | 4.4 | 10 |
| 101 | Determination of protein thiolation index (PTI) as a biomarker of oxidative stress in human serum. Analytical Biochemistry, 2017, 538, 38-41. | 2.4 | 10 |
| 102 | Effects of Chlorpromazine on Actin Polymerization: Slackening of Filament Elongation and Filament Annealing. Archives of Biochemistry and Biophysics, 1999, 369, 59-67. | 3.0 | 9 |
| 103 | Effect of Replacement of the Tightly Bound Ca2+by Ba2+on Actin Polymerization. Archives of Biochemistry and Biophysics, 1998, 351, 141-148. | 3.0 | 8 |
| 104 | Redox Proteomics: A New Approach to Investigate Oxidative Stress in Alzheimer's Disease. , 2006, , 563-603. | | 8 |
| 105 | Mass Spectrometry Approaches for the Molecular Characterization of Oxidatively/Nitrosatively Modified Proteins. , 2006, , 59-99. | | 8 |
| 106 | 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. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2009, 877, 3467-3474. | 2.3 | 8 |
| 107 | Carboplatin-induced alteration of the thiol homeostasis in the isolated perfused rat kidney. Archives of Biochemistry and Biophysics, 2009, 488, 83-89. | 3.0 | 8 |
| 108 | Antioxidants in smokers. Nutrition Research Reviews, 2021, , 1-28. | 4.1 | 8 |

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| 109 | Antioxidants and embryo phenotype: is there experimental evidence for strong integration of the antioxidant system?. Journal of Experimental Biology, 2017, 220, 615-624. | 1.7 | 7 |
| 110 | Anethole Dithiolethione Increases Glutathione in Kidney by Inhibiting Î³-Glutamyltranspeptidase: Biochemical Interpretation and Pharmacological Consequences. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-13. | 4.0 | 7 |
| 111 | Degradation and Accumulation of Oxidized Proteins in Age-Related Diseases. , 2006, , 527-562. | | 6 |
| 112 | In vitro copper oxide nanoparticle toxicity on intestinal barrier. Journal of Applied Toxicology, 2021, 41, 291-302. | 2.8 | 6 |
| 113 | Tendon structure and extracellular matrix components are affected by spasticity in cerebral palsy patients. Muscles, Ligaments and Tendons Journal, 2013, 3, 42-50. | 0.3 | 6 |
| 114 | Interaction of cardiac Î±-actinin and actin in the presence of doxorubicin. Experimental and Molecular Pathology, 1992, 56, 229-238. | 2.1 | 5 |
| 115 | Familial amyotrophic lateral sclerosis (FALS): Emerging hints from redox proteomics.. Free Radical Biology and Medicine, 2007, 43, 157-159. | 2.9 | 5 |
| 116 | Yolk vitamin E positively affects prenatal growth but not oxidative status in yellow-legged gull embryos. Environmental Epigenetics, 2018, 64, 285-292. | 1.8 | 5 |
| 117 | Measurement of S-glutathionylated proteins by HPLC. Amino Acids, 2022, 54, 675-686. | 2.7 | 5 |
| 118 | Blood Thiol Redox State in Chronic Kidney Disease. International Journal of Molecular Sciences, 2022, 23, 2853. | 4.1 | 5 |
| 119 | The Covalent Advantage: A New Paradigm for Cell Signaling Mediated by Thiol Reactive Lipid Oxidation Products. , 2006, , 343-367. | | 4 |
| 120 | The Chemistry of Protein Modifications Elicited by Nitric Oxide and Related Nitrogen Oxides. , 2006, , 25-58. | | 4 |
| 121 | Use of a Proteomic Technique to Identify Oxidant-Sensitive Thiol Proteins in Cultured Cells. , 2006, , 253-265. | | 4 |
| 122 | Dietary flavonoids advance timing of moult but do not affect redox status of juvenile blackbirds (Turdus merula). Journal of Experimental Biology, 2016, 219, 3155-3162. | 1.7 | 4 |
| 123 | Sulforaphane Cannot Protect Human Fibroblasts From Repeated, Short and Sublethal Treatments with Hydrogen Peroxide. International Journal of Environmental Research and Public Health, 2019, 16, 657. | 2.6 | 4 |
| 124 | Quantitative Determination of Free and Protein-Associated 3-Nitrotyrosine andS-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 |
| 125 | Early Molecular Events during Response to Oxidative Stress in Human Cells by Differential Proteomics. , 2006, , 369-397. | | 3 |
| 126 | Proteins as Sensitive Biomarkers of Human Conditions Associated with Oxidative Stress. , 2006, , 485-525. | | 3 |

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| 127 | Proteome Analysis of Oxidative Stress: Glutathionyl Hemoglobin in Diabetic and Uremic Patients. , 2006, , 651-667. | | 3 |
| 128 | Thiol-Disulfide Oxidoreduction of Protein Cysteines: Old Methods Revisited for Proteomics. , 2006, , 101-122. | | 3 |
| 129 | Protein thiolation index in microvolumes of plasma. Analytical Biochemistry, 2021, 618, 114125. | 2.4 | 3 |
| 130 | ICAT (Isotope-Coded Affinity Tag) Approach to Redox Proteomics: Identification and Quantification of Oxidant-Sensitive Protein Thiols. , 2006, , 267-285. | | 2 |
| 131 | Oxidized Proteins in Cardiac Ischemia and Reperfusion. , 2006, , 605-649. | | 2 |
| 132 | MudPIT (Multidimensional Protein Identification Technology) for Identification of Post-Translational Protein Modifications in Complex Biological Mixtures. , 2006, , 233-252. | | 2 |
| 133 | Preliminary experience on the use of sucrosomial iron in hemodialysis: focus on safety, hemoglobin maintenance and oxidative stress. International Urology and Nephrology, 2022, 54, 1145-1153. | 1.4 | 2 |
| 134 | Oxidative Damage and Cellular Senescence: Lessons from Bacteria and Yeast. , 2006, , 473-484. | | 1 |
| 135 | Protein Targets and Functional Consequences of Tyrosine Nitration in Vascular Disease. , 2006, , 729-786. | | 1 |
| 136 | Sequestering Agents of Intermediate Reactive Aldehydes as Inhibitors of Advanced Lipoxidation End-Products (ALEs). , 2006, , 877-929. | | 1 |
| 137 | S-Nitrosation of Cysteine Thiols as a Redox Signal. , 2006, , 169-188. | | 1 |
| 138 | Glyco-oxidative Biochemistry in Diabetic Renal Injury. , 2006, , 669-680. | | 0 |
| 139 | Oxidation of Artery Wall Proteins by Myeloperoxidase: A Proteomics Approach. , 2006, , 787-811. | | 0 |
| 140 | Oxidative Stress and Protein Oxidation in Pre-Eclampsia. , 2006, , 813-829. | | 0 |
| 141 | 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 |
| 142 | Detection of Glycated and Glyco-Oxidated Proteins. , 2006, , 189-232. | | 0 |