

Graziano Colombo

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,327
citations

257450

24
h-index

214800

47
g-index

60
all docs

60
docs citations

60
times ranked

4362
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.4	2
2	Blood Thiol Redox State in Chronic Kidney Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2853.	4.1	5
3	In vitro copper oxide nanoparticle toxicity on intestinal barrier. <i>Journal of Applied Toxicology</i> , 2021, 41, 291-302.	2.8	6
4	Protein thiolation index in microvolumes of plasma. <i>Analytical Biochemistry</i> , 2021, 618, 114125.	2.4	3
5	Antioxidants in smokers. <i>Nutrition Research Reviews</i> , 2021, , 1-28.	4.1	8
6	From Food Waste to Innovative Biomaterial: Sea Urchin-Derived Collagen for Applications in Skin Regenerative Medicine. <i>Marine Drugs</i> , 2020, 18, 414.	4.6	46
7	Identification of Protein Carbonyls (PCOs) in Canine Serum by Western Blot Technique and Preliminary Evaluation of PCO Concentration in Dogs With Systemic Inflammation. <i>Frontiers in Veterinary Science</i> , 2020, 7, 566402.	2.2	4
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.	4.0	15
9	Cigarette smoke and glutathione: Focus on in vitro cell models. <i>Toxicology in Vitro</i> , 2020, 65, 104818.	2.4	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.	2.8	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.	2.6	4
12	Advanced oxidation protein products in nondiabetic end stage renal disease patients on maintenance haemodialysis. <i>Free Radical Research</i> , 2019, 53, 1114-1124.	3.3	11
13	Protein carbonylation in human bronchial epithelial cells exposed to cigarette smoke extract. <i>Cell Biology and Toxicology</i> , 2019, 35, 345-360.	5.3	26
14	Fundamental aspects of arm repair phase in two echinoderm models. <i>Developmental Biology</i> , 2018, 433, 297-309.	2.0	21
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.	1.8	5
16	Plasma Protein Carbonylation in Haemodialysed Patients: Focus on Diabetes and Gender. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	4.0	16
17	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.	1.7	7
18	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

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19	Yolk vitamin E prevents oxidative damage in gull hatchlings. <i>Royal Society Open Science</i> , 2017, 4, 170098.	2.4	27
20	Determination of protein thiolation index (PTI) as a biomarker of oxidative stress in human serum. <i>Analytical Biochemistry</i> , 2017, 538, 38-41.	2.4	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.	2.9	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.	2.4	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.	5.4	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.	4.1	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.	1.7	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.	2.3	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.	2.3	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.	2.3	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.	5.3	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.	2.9	22
31	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.	2.4	48
32	Pathophysiology of tobacco smoke exposure: Recent insights from comparative and redox proteomics. <i>Mass Spectrometry Reviews</i> , 2014, 33, 183-218.	5.4	39
33	Cigarette smoke induces alterations in the drug-binding properties of human serum albumin. <i>Blood Cells, Molecules, and Diseases</i> , 2014, 52, 166-174.	1.4	13
34	Protein carbonylation in human endothelial cells exposed to cigarette smoke extract. <i>Toxicology Letters</i> , 2013, 218, 118-128.	0.8	25
35	Viability Is Associated with Melanin-Based Coloration in the Barn Swallow (<i>Hirundo rustica</i>). <i>PLoS ONE</i> , 2013, 8, e60426.	2.5	37
36	Overexpression of CUGBP1 in Skeletal Muscle from Adult Classic Myotonic Dystrophy Type 1 but Not from Myotonic Dystrophy Type 2. <i>PLoS ONE</i> , 2013, 8, e83777.	2.5	29

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37	Protein thiolation index (PTI) as a biomarker of oxidative stress. <i>Free Radical Biology and Medicine</i> , 2012, 53, 907-915.	2.9	40
38	Redox Albuminomics: Oxidized Albumin in Human Diseases. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 1515-1527.	5.4	121
39	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.	2.5	20
40	Oxidative damage in human gingival fibroblasts exposed to cigarette smoke. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1584-1596.	2.9	73
41	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> , 2012, 23, 935-946.	1.4	12
42	Red Blood Cells Protect Albumin from Cigarette Smoke-Induced Oxidation. <i>PLoS ONE</i> , 2012, 7, e29930.	2.5	22
43	S-Glutathiolation in life and death decisions of the cell. <i>Free Radical Research</i> , 2011, 45, 3-15.	3.3	58
44	A proteomic study using zebra mussels (<i>D. polymorpha</i>) exposed to benzo(a)pyrene: The role of gender and exposure concentrations. <i>Aquatic Toxicology</i> , 2011, 104, 14-22.	4.0	42
45	Malignant phenotype of renal cell carcinoma cells is switched by Ukraine administration in vitro. <i>Anti-Cancer Drugs</i> , 2011, 22, 749-762.	1.4	11
46	Ukraine Affects Pancreas Cancer Cell Phenotype in vitro by Targeting MMP-9 and Intra-/Extracellular SPARC Expression. <i>Pancreatology</i> , 2010, 10, 545-552.	1.1	19
47	Proteome profile in Myotonic Dystrophy type 2 myotubes reveals dysfunction in protein processing and mitochondrial pathways. <i>Neurobiology of Disease</i> , 2010, 38, 273-280.	4.4	17
48	N-terminal interaction domain implicates PAK4 in translational regulation and reveals novel cellular localization signals. <i>Journal of Cellular Physiology</i> , 2010, 224, 722-733.	4.1	19
49	The potential of resveratrol against human gliomas. <i>Anti-Cancer Drugs</i> , 2010, 21, 140-150.	1.4	49
50	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.	5.4	68
51	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.	1.4	18
52	Protein S-glutathionylation: a regulatory device from bacteria to humans. <i>Trends in Biochemical Sciences</i> , 2009, 34, 85-96.	7.5	557
53	Protein carbonylation: 2,4-dinitrophenylhydrazine reacts with both aldehydes/ketones and sulfenic acids. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1411-1419.	2.9	76
54	Transcriptomic and Proteomic Analyses of Mouse Cerebellum Reveals Alterations in RasGRF1 Expression Following In Vivo Chronic Treatment with Delta 9-Tetrahydrocannabinol. <i>Journal of Molecular Neuroscience</i> , 2009, 37, 111-122.	2.3	29

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55	Identification of Novel RasGRF1 Interacting Partners by Large-Scale Proteomic Analysis. <i>Journal of Molecular Neuroscience</i> , 2009, 37, 212-224.	2.3	4
56	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.	2.3	8
57	Engineered cobalt oxide nanoparticles readily enter cells. <i>Toxicology Letters</i> , 2009, 189, 253-259.	0.8	149