Lucia Coppo

List of Publications by Year
in descending order

29	934	706676 14	591227 27
papers	citations	h-index	g-index

29	29	29	1845
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thiol-Based Antioxidants and the Epithelial/Mesenchymal Transition in Cancer. Antioxidants and Redox Signaling, 2022, 36, 1037-1050.	2.5	6
2	A substitution in the glutathione reductase lowers electron leakage and inflammation in modern humans. Science Advances, 2022, 8, eabm1148.	4.7	5
3	The optimized quantum dot mediated thermometry reveals isoform specific differences in efficiency of myosin extracted from muscle mini bundles. Archives of Biochemistry and Biophysics, 2022, 722, 109212.	1.4	1
4	Mitochondrial depletion of glutaredoxin 2 induces metabolic dysfunction-associated fatty liver disease in mice. Redox Biology, 2022, 51, 102277.	3.9	13
5	The Optimized Quantum Dots Mediated Thermometry Reveals the Efficiency of Myosin Extracted from Muscle Mini Bundles. FASEB Journal, 2022, 36, .	0.2	0
6	Supplemental Ascorbate Diminishes DNA Damage Yet Depletes Glutathione and Increases Acute Liver Failure in a Mouse Model of Hepatic Antioxidant System Disruption. Antioxidants, 2021, 10, 359.	2.2	2
7	Sâ€Denitrosylation by the Câ€Terminal Swinging Arm of R1 Subunit: A Novel Mechanism to Restore Ribonucleotide Reductase Activity. ChemistrySelect, 2021, 6, 1845-1851.	0.7	2
8	Metallocenyl derivatives of ebselen are selective and competitive inhibitors of thioredoxin reductase. Journal of Organometallic Chemistry, 2021, 943, 121822.	0.8	5
9	Glutaredoxin: Discovery, redox defense and much more. Redox Biology, 2021, 43, 101975.	3.9	59
10	Inhibition of Thioredoxin Reductase by Triosmium Carbonyl Clusters. Chemical Research in Toxicology, 2020, 33, 2441-2445.	1.7	5
11	Glutathione-glutaredoxin is an efficient electron donor system for mammalian p53R2â€“R1-dependent ribonucleotide reductase. Journal of Biological Chemistry, 2019, 294, 12708-12716.	1.6	19
12	The combination of ascorbate and menadione causes cancer cell death by oxidative stress and replicative stress. Free Radical Biology and Medicine, 2019, 134, 350-358.	1.3	42
13	Enzymatic glutaredoxin-dependent method to determine glutathione and protein S-glutathionylation using fluorescent eosin-glutathione. Analytical Biochemistry, 2019, 568, 24-30.	1.1	2
14	Inhibition of the glutaredoxin and thioredoxin systems and ribonucleotide reductase by mutant p53-targeting compound APR-246. Scientific Reports, 2018, 8, 12671.	1.6	53
15	Thioredoxin 1 modulates apoptosis induced by bioactive compounds in prostate cancer cells. Redox Biology, 2017, 12, 634-647.	3.9	55
16	Impaired cross-talk between the thioredoxin and glutathione systems is related to ASK-1 mediated apoptosis in neuronal cells exposed to mercury. Redox Biology, 2017, 13, 278-287.	3.9	72
17	Hepatocyte Hyperproliferation upon Liver-Specific Co-disruption of Thioredoxin-1, Thioredoxin Reductase-1, and Glutathione Reductase. Cell Reports, 2017, 19, 2771-2781.	2.9	57
18	Glutathione Fine-Tunes the Innate Immune Response toward Antiviral Pathways in a Macrophage Cell Line Independently of Its Antioxidant Properties. Frontiers in Immunology, 2017, 8, 1239.	2.2	76

#	Article	IF	Citations
19	Homocysteinemia control by cysteine in cerebral vascular patients after methionine loading test: evidences in physiological and pathological conditions in cerebro-vascular and multiple sclerosis patients. Amino Acids, 2016, 48, 1477-1489.	1.2	5
20	Determination of glutaredoxin enzyme activity and protein S-glutathionylation using fluorescent eosin-glutathione. Analytical Biochemistry, 2016, 499, 24-33.	1.1	16
21	Nitric Oxide Protects against Infection-Induced Neuroinflammation by Preserving the Stability of the Blood-Brain Barrier. PLoS Pathogens, 2016, 12, e1005442.	2.1	53
22	The control of hyperhomocysteinemia through thiol exchange mechanisms by mesna. Amino Acids, 2014, 46, 429-439.	1.2	6
23	Linkage of inflammation and oxidative stress via release of glutathionylated peroxiredoxin-2, which acts as a danger signal. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12157-12162.	3.3	293
24	A proteomic approach to identify proteins involved in Redox regulation of inflammation and immunity. FASEB Journal, 2012, 26, lb671.	0.2	0
25	The role of protein sulfhydryl groups and protein disulfides of the platelet surface in aggregation processes involving thiol exchange reactions. Pharmacological Research, 2011, 63, 77-84.	3.1	22
26	In vitro inhibition of human and rat platelets by NO donors, nitrosoglutathione, sodium nitroprusside and SIN-1, through activation of cGMP-independent pathways. Pharmacological Research, 2011, 64, 289-297.	3.1	11
27	Thiol regulation of pro-inflammatory cytokines and innate immunity: protein S-thiolation as a novel molecular mechanism. Biochemical Society Transactions, 2011, 39, 1268-1272.	1.6	26
28	The control of S-thiolation by cysteine via gamma-glutamyltranspeptidase and thiol exchanges in erythrocytes and plasma of diamide-treated rats. Toxicology and Applied Pharmacology, 2010, 242, 333-343.	1.3	11
29	Measurement of Mixed Disulfides Including Glutathionylated Proteins. Methods in Enzymology, 2010, 473, 149-159.	0.4	17