

LucÃ-a Turell

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,194
citations

687363

13
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

1985
citing authors

#	ARTICLE	IF	CITATIONS
1	The thiol pool in human plasma: The central contribution of albumin to redox processes. <i>Free Radical Biology and Medicine</i> , 2013, 65, 244-253.	2.9	529
2	Reactivity of Sulfenic Acid in Human Serum Albumin. <i>Biochemistry</i> , 2008, 47, 358-367.	2.5	144
3	Thiol and Sulfenic Acid Oxidation of AhpE, the One-Cysteine Peroxiredoxin from <i>Mycobacterium tuberculosis</i> : Kinetics, Acidity Constants, and Conformational Dynamics. <i>Biochemistry</i> , 2009, 48, 9416-9426.	2.5	104
4	Sulfenic acid—A key intermediate in albumin thiol oxidation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009, 877, 3384-3392.	2.3	55
5	Modulation of the reactivity of the thiol of human serum albumin and its sulfenic derivative by fatty acids. <i>Archives of Biochemistry and Biophysics</i> , 2012, 521, 102-110.	3.0	48
6	The Chemical Basis of Thiol Addition to Nitro-conjugated Linoleic Acid, a Protective Cell-signaling Lipid. <i>Journal of Biological Chemistry</i> , 2017, 292, 1145-1159.	3.4	48
7	Formation and Reactions of Sulfenic Acid in Human Serum Albumin. <i>Methods in Enzymology</i> , 2010, 473, 117-136.	1.0	47
8	The <i>Corynebacterium glutamicum</i> mycothiol peroxidase is a reactive oxygen species-scavenging enzyme that shows promiscuity in thiol redox control. <i>Molecular Microbiology</i> , 2015, 96, 1176-1191.	2.5	45
9	The thiol of human serum albumin: Acidity, microenvironment and mechanistic insights on its oxidation to sulfenic acid. <i>Free Radical Biology and Medicine</i> , 2017, 108, 952-962.	2.9	43
10	Electrophiles modulate glutathione reductase activity via alkylation and upregulation of glutathione biosynthesis. <i>Redox Biology</i> , 2019, 21, 101050.	9.0	33
11	Mechanisms and consequences of protein cysteine oxidation: the role of the initial short-lived intermediates. <i>Essays in Biochemistry</i> , 2020, 64, 55-66.	4.7	28
12	HPLC separation of human serum albumin isoforms based on their isoelectric points. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 944, 144-151.	2.3	20
13	The chemical foundations of nitroalkene fatty acid signaling through addition reactions with thiols. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 78, 161-169.	2.7	14
14	Electrophilic nitroalkene-tocopherol derivatives: synthesis, physicochemical characterization and evaluation of anti-inflammatory signaling responses. <i>Scientific Reports</i> , 2018, 8, 12784.	3.3	12
15	Sulfenic acid in human serum albumin: Reaction with thiols, oxidation and spontaneous decay. <i>Free Radical Biology and Medicine</i> , 2021, 165, 254-264.	2.9	8
16	Expression, purification and initial characterization of human serum albumin domain I and its cysteine 34. <i>PLoS ONE</i> , 2020, 15, e0240580.	2.5	7
17	Mechanistic insights into EgGST1, a Mu class glutathione S-transferase from the cestode parasite <i>Echinococcus granulosus</i> . <i>Archives of Biochemistry and Biophysics</i> , 2017, 633, 15-22.	3.0	7
18	Thiols in blood. , 2022, , 585-615.		2

#	ARTICLE	IF	CITATIONS
19	Title is missing!. , 2020, 15, e0240580.		0
20	Title is missing!. , 2020, 15, e0240580.		0
21	Title is missing!.. , 2020, 15, e0240580.		0
22	Title is missing!.. , 2020, 15, e0240580.		0