

# LucÃ-a Turell

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5583021/publications.pdf>

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	Thiols in blood. , 2022, , 585-615.		2
2	Sulfenic acid in human serum albumin: Reaction with thiols, oxidation and spontaneous decay. Free Radical Biology and Medicine, 2021, 165, 254-264.	2.9	8
3	Expression, purification and initial characterization of human serum albumin domain I and its cysteine 34. PLoS ONE, 2020, 15, e0240580.	2.5	7
4	Mechanisms and consequences of protein cysteine oxidation: the role of the initial short-lived intermediates. Essays in Biochemistry, 2020, 64, 55-66.	4.7	28
5	Title is missing!. , 2020, 15, e0240580.		0
6	Title is missing!. , 2020, 15, e0240580.		0
7	Title is missing!. , 2020, 15, e0240580.		0
8	Title is missing!. , 2020, 15, e0240580.		0
9	Electrophiles modulate glutathione reductase activity via alkylation and upregulation of glutathione biosynthesis. Redox Biology, 2019, 21, 101050.	9.0	33
10	The chemical foundations of nitroalkene fatty acid signaling through addition reactions with thiols. Nitric Oxide - Biology and Chemistry, 2018, 78, 161-169.	2.7	14
11	Electrophilic nitroalkene-tocopherol derivatives: synthesis, physicochemical characterization and evaluation of anti-inflammatory signaling responses. Scientific Reports, 2018, 8, 12784.	3.3	12
12	The Chemical Basis of Thiol Addition to Nitro-conjugated Linoleic Acid, a Protective Cell-signaling Lipid. Journal of Biological Chemistry, 2017, 292, 1145-1159.	3.4	48
13	The thiol of human serum albumin: Acidity, microenvironment and mechanistic insights on its oxidation to sulfenic acid. Free Radical Biology and Medicine, 2017, 108, 952-962.	2.9	43
14	Mechanistic insights into EgGST1, a Mu class glutathione S-transferase from the cestode parasite Echinococcus granulosus. Archives of Biochemistry and Biophysics, 2017, 633, 15-22.	3.0	7
15	The <i>Corynebacterium glutamicum</i> mycothiol peroxidase is a reactive oxygen species-scavenging enzyme that shows promiscuity in thiol redox control. Molecular Microbiology, 2015, 96, 1176-1191.	2.5	45
16	HPLC separation of human serum albumin isoforms based on their isoelectric points. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 944, 144-151.	2.3	20
17	The thiol pool in human plasma: The central contribution of albumin to redox processes. Free Radical Biology and Medicine, 2013, 65, 244-253.	2.9	529
18	Modulation of the reactivity of the thiol of human serum albumin and its sulfenic derivative by fatty acids. Archives of Biochemistry and Biophysics, 2012, 521, 102-110.	3.0	48

#	ARTICLE	IF	CITATIONS
19	Formation and Reactions of Sulfenic Acid in Human Serum Albumin. <i>Methods in Enzymology</i> , 2010, 473, 117-136.	1.0	47
20	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
21	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
22	Reactivity of Sulfenic Acid in Human Serum Albumin. <i>Biochemistry</i> , 2008, 47, 358-367.	2.5	144