

# CITATION REPORT

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## dbGSH: a database of S-glutathionylation

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#	Paper	IF	Citations
49	S-glutathionylation reactions in mitochondrial function and disease. <i>Frontiers in Cell and Developmental Biology</i> , <b>2014</b> , 2, 68	5.7	80
48	Glutathionylation of the aquaporin-2 water channel: a novel post-translational modification modulated by the oxidative stress. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 27807-13	5.4	25
47	Glutathione: new roles in redox signaling for an old antioxidant. <i>Frontiers in Pharmacology</i> , <b>2014</b> , 5, 196	5.6	368
46	Characterization and identification of protein O-GlcNAcylation sites with substrate specificity. <i>BMC Bioinformatics</i> , <b>2014</b> , 15 Suppl 16, S1	3.6	23
45	Glutathione in Cellular Redox Homeostasis: Association with the Excitatory Amino Acid Carrier 1 (EAAC1). <i>Molecules</i> , <b>2015</b> , 20, 8742-58	4.8	74
44	Teaching the fundamentals of electron transfer reactions in mitochondria and the production and detection of reactive oxygen species. <i>Redox Biology</i> , <b>2015</b> , 4, 381-98	11.3	155
43	Characterization and identification of ubiquitin conjugation sites with E3 ligase recognition specificities. <i>BMC Bioinformatics</i> , <b>2015</b> , 16 Suppl 1, S1	3.6	16
42	PGLuS: prediction of protein S-glutathionylation sites with multiple features and analysis. <i>Molecular BioSystems</i> , <b>2015</b> , 11, 923-9		19
41	MDD-SOH: exploiting maximal dependence decomposition to identify S-sulfenylation sites with substrate motifs. <i>Bioinformatics</i> , <b>2016</b> , 32, 165-72	7.2	17
40	Mass spectrometry in studies of protein thiol chemistry and signaling: opportunities and caveats. <i>Free Radical Biology and Medicine</i> , <b>2015</b> , 80, 191-211	7.8	44
39	A new scheme to discover functional associations and regulatory networks of E3 ubiquitin ligases. <i>BMC Systems Biology</i> , <b>2016</b> , 10 Suppl 1, 3	3.5	4
38	Identification of S-glutathionylation sites in species-specific proteins by incorporating five sequence-derived features into the general pseudo-amino acid composition. <i>Journal of Theoretical Biology</i> , <b>2016</b> , 398, 96-102	2.3	8
37	Proteomic approaches to quantify cysteine reversible modifications in aging and neurodegenerative diseases. <i>Proteomics - Clinical Applications</i> , <b>2016</b> , 10, 1159-1177	3.1	23
36	Prediction of glutathionylation sites in proteins using minimal sequence information and their experimental validation. <i>Free Radical Research</i> , <b>2016</b> , 50, 1011-21	4	5
35	SOHSite: incorporating evolutionary information and physicochemical properties to identify protein S-sulfenylation sites. <i>BMC Genomics</i> , <b>2016</b> , 17 Suppl 1, 9	4.5	35
34	Novel insights into redox system and the mechanism of redox regulation. <i>Molecular Biology Reports</i> , <b>2016</b> , 43, 607-28	2.8	46
33	Regulation of DJ-1 by Glutaredoxin 1 in Vivo: Implications for Parkinson's Disease. <i>Biochemistry</i> , <b>2016</b> , 55, 4519-32	3.2	22

32	dbPTM 2016: 10-year anniversary of a resource for post-translational modification of proteins. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, D435-46	20.1	125
31	Photodynamic treatment with hexyl-aminolevulinate mediates reversible thiol oxidation in core oxidative stress signaling proteins. <i>Molecular BioSystems</i> , <b>2016</b> , 12, 796-805		5
30	Quantitative Profiling of Protein S-Glutathionylation Reveals Redox-Dependent Regulation of Macrophage Function during Nanoparticle-Induced Oxidative Stress. <i>ACS Nano</i> , <b>2016</b> , 10, 524-38	16.7	52
29	Redox Proteomics Applied to the Thiol Secretome. <i>Antioxidants and Redox Signaling</i> , <b>2017</b> , 26, 299-312	8.4	13
28	Mechanism of ROS scavenging and antioxidant signalling by redox metallic and fullerene nanomaterials: Potential implications in ROS associated degenerative disorders. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2017</b> , 1861, 802-813	4	79
27	Quantitative proteomic characterization of redox-dependent post-translational modifications on protein cysteines. <i>Molecular BioSystems</i> , <b>2017</b> , 13, 816-829		42
26	ROS and RNS signalling: adaptive redox switches through oxidative/nitrosative protein modifications. <i>Free Radical Research</i> , <b>2018</b> , 52, 507-543	4	142
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24	French and Mediterranean-style diets: Contradictions, misconceptions and scientific facts-A review. <i>Food Research International</i> , <b>2019</b> , 116, 840-858	7	11
23	Sulfur Amino Acids and Skeletal Muscle. <b>2019</b> , 335-363		4
22	Protein S-glutathionylation: The linchpin for the transmission of regulatory information on redox buffering capacity in mitochondria. <i>Chemico-Biological Interactions</i> , <b>2019</b> , 299, 151-162	5	25
21	Functional Proteomic Analysis to Characterize Signaling Crosstalk. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1871, 197-224	1.4	3
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16	Stoichiometric quantification of the thiol redox proteome of macrophages reveals subcellular compartmentalization and susceptibility to oxidative perturbations. <i>Redox Biology</i> , <b>2020</b> , 36, 101649	11.3	11
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14	Deep learning based prediction of species-specific protein S-glutathionylation sites. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2020</b> , 1868, 140422	4	9
13	iCysMod: an integrative database for protein cysteine modifications in eukaryotes. <i>Briefings in Bioinformatics</i> , <b>2021</b> , 22,	13.4	4
12	Gel-based fluorescent proteomic tools for investigating cell redox signaling. A mini-review. <i>Electrophoresis</i> , <b>2021</b> , 42, 1378-1387	3.6	1
11	Role of protein S-Glutathionylation in cancer progression and development of resistance to anti-cancer drugs. <i>Archives of Biochemistry and Biophysics</i> , <b>2021</b> , 704, 108890	4.1	3
10	A global map of associations between types of protein posttranslational modifications and human genetic diseases. <i>IScience</i> , <b>2021</b> , 24, 102917	6.1	2
9	Redox modulation of vitagenes via plant polyphenols and vitamin D: Novel insights for chemoprevention and therapeutic interventions based on organoid technology. <i>Mechanisms of Ageing and Development</i> , <b>2021</b> , 199, 111551	5.6	5
8	Analysis of Cysteine Redox Post-Translational Modifications in Cell Biology and Drug Pharmacology. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1558, 191-212	1.4	5
7	SwissPalm: Protein Palmitoylation database. <i>F1000Research</i> , <b>2015</b> , 4, 261	3.6	133
6	A global map of the impact of deletion of Post-Translational Modification sites in genetic diseases.		
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4	Profiling the Site of Protein CoAlation and Coenzyme A Stabilization Interactions. <i>Antioxidants</i> , <b>2022</b> , 11, 1362	7.1	1
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2	CysModDB: a comprehensive platform with the integration of manually curated resources and analysis tools for cysteine posttranslational modifications.		0
1	Exploration of the cysteine reactivity of human inducible Hsp70 and cognate Hsc70. <b>2022</b> , 102723		0