

Markus Dagnell

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

515
citations

1162367

8
h-index

1372195

10
g-index

13
all docs

13
docs citations

13
times ranked

822
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of protein function through oxidation and reduction of persulfidated states. <i>Science Advances</i> , 2020, 6, eaax8358.	4.7	121
2	Selective activation of oxidized PTP1B by the thioredoxin system modulates PDGF- \hat{I}^2 receptor tyrosine kinase signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13398-13403.	3.3	89
3	The A to Z of modulated cell patterning by mammalian thioredoxin reductases. <i>Free Radical Biology and Medicine</i> , 2018, 115, 484-496.	1.3	66
4	Regulation of Protein Tyrosine Phosphatase Oxidation in Cell Adhesion and Migration. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 1994-2010.	2.5	57
5	Bicarbonate is essential for protein-tyrosine phosphatase 1B (PTP1B) oxidation and cellular signaling through EGF-triggered phosphorylation cascades. <i>Journal of Biological Chemistry</i> , 2019, 294, 12330-12338.	1.6	51
6	Irreversible TrxR1 inhibitors block STAT3 activity and induce cancer cell death. <i>Science Advances</i> , 2020, 6, eaax7945.	4.7	43
7	The mitochondrial reactive oxygen species regulator p66Shc controls PDGF-induced signaling and migration through protein tyrosine phosphatase oxidation. <i>Free Radical Biology and Medicine</i> , 2014, 68, 268-277.	1.3	39
8	Thioredoxin reductase 1 and NADPH directly protect protein tyrosine phosphatase 1B from inactivation during H ₂ O ₂ exposure. <i>Journal of Biological Chemistry</i> , 2017, 292, 14371-14380.	1.6	36
9	Redox regulation of PTPN22 affects the severity of T-cell-dependent autoimmune inflammation. <i>ELife</i> , 2022, 11, .	2.8	7
10	Qualitative Differences in Protection of PTP1B Activity by the Reductive Trx1 or TRP14 Enzyme Systems upon Oxidative Challenges with Polysulfides or H ₂ O ₂ Together with Bicarbonate. <i>Antioxidants</i> , 2021, 10, 111.	2.2	5
11	Abstract 17649: Inhibition of Src Homology 2 Domain-containing Phosphatase 1 (SHP-1) Increases Insulin Sensitivity in High-fat Diet-induced Insulin Resistant C57black6 Mice. <i>Circulation</i> , 2014, 130, .	1.6	0