

Joseph Robert Burgoyne

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

511
citations

932766
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1199166
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g-index

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all docs

12
docs citations

12
times ranked

993
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxidation of Atg3 and Atg7 mediates inhibition of autophagy. <i>Nature Communications</i> , 2018, 9, 95.	5.8	158
2	cGMP-Dependent Activation of Protein Kinase G Precludes Disulfide Activation. <i>Hypertension</i> , 2012, 60, 1301-1308.	1.3	73
3	Regulation of Cell Physiology and Pathology by Protein S-Glutathionylation: Lessons Learned from the Cardiovascular System. <i>Antioxidants and Redox Signaling</i> , 2012, 16, 524-542.	2.5	69
4	The PEG-switch assay: A fast semi-quantitative method to determine protein reversible cysteine oxidation. <i>Journal of Pharmacological and Toxicological Methods</i> , 2013, 68, 297-301.	0.3	41
5	The Regulation and Function of Histone Crotonylation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 624914.	1.8	41
6	Phosphodiesterase 5 Inhibition Limits Doxorubicin-induced Heart Failure by Attenuating Protein Kinase G β Oxidation. <i>Journal of Biological Chemistry</i> , 2016, 291, 17427-17436.	1.6	40
7	Oxidant-induced Interprotein Disulfide Formation in Cardiac Protein DJ-1 Occurs via an Interaction with Peroxiredoxin 2. <i>Journal of Biological Chemistry</i> , 2016, 291, 10399-10410.	1.6	36
8	Oxidative stress impairs autophagy through oxidation of ATG3 and ATG7. <i>Autophagy</i> , 2018, 14, 1-2.	4.3	17
9	Oxidant Sensing by Protein Kinases A and G Enables Integration of Cell Redox State with Phosphoregulation. <i>Sensors</i> , 2010, 10, 2731-2751.	2.1	15
10	Complex interrelationships between nitro-alkene-dependent inhibition of soluble epoxide hydrolase, inflammation and tumor growth. <i>Redox Biology</i> , 2020, 29, 101405.	3.9	11
11	PKG1 β oxidation negatively regulates food seeking behaviour and reward. <i>Redox Biology</i> , 2019, 21, 101077.	3.9	7
12	Approaches for Monitoring PKG1 β Oxidative Activation. <i>Methods in Molecular Biology</i> , 2013, 1020, 163-173.	0.4	3