Elizabeth A Veal

List of Publications by Year
in descending order

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26 papers	3,535 citations	331670 21 h-index	552781 26 g-index
26 all docs	26 docs citations	26 times ranked	6012 citing authors

#	Article	IF	Citations
1	Aurora A regulation by reversible cysteine oxidation reveals evolutionarily conserved redox control of Ser/Thr protein kinase activity. Science Signaling, 2020, 13, .	3.6	65
2	<scp>NHR</scp>â€49/<scp>HNF</scp>4 integrates regulation of fatty acid metabolism with a protective transcriptional response to oxidative stress and fasting. Aging Cell, 2018, 17, e12743.	6.7	75
3	Oxidation of SQSTM1/p62 mediates the link between redox state and protein homeostasis. Nature Communications, 2018, 9, 256.	12.8	132
4	Hyperoxidation of Peroxiredoxins: Gain or Loss of Function?. Antioxidants and Redox Signaling, 2018, 28, 574-590.	5.4	57
5	Role/s of â€˜Antioxidantâ€™ Enzymes in Ageing. Sub-Cellular Biochemistry, 2018, 90, 425-450.	2.4	16
6	European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS). Redox Biology, 2017, 13, 94-162.	9.0	242
7	Caenorhabditis elegans as a model for understanding ROS function in physiology and disease. Redox Biology, 2017, 11, 708-714.	9.0	80
8	Peroxiredoxins in Regulation of MAPK Signalling Pathways; Sensors and Barriers to Signal Transduction. Molecules and Cells, 2016, 39, 40-45.	2.6	59
9	Pho4 mediates phosphate acquisition inCandida albicansand is vital for stress resistance and metal homeostasis. Molecular Biology of the Cell, 2016, 27, 2784-2801.	2.1	46
10	A peroxiredoxin,<scp>PRDX</scp>â€2, is required for insulin secretion and insulin/<scp>IIS</scp>â€dependent regulation of stress resistance and longevity. Aging Cell, 2015, 14, 558-568.	6.7	48
11	The fission yeast Schizosaccharomyces pombe as a model to understand how peroxiredoxins influence cell responses to hydrogen peroxide. Biochemical Society Transactions, 2014, 42, 909-916.	3.4	17
12	Functional characterization of thioredoxin 3 (TRX-3), a Caenorhabditis elegans intestine-specific thioredoxin. Free Radical Biology and Medicine, 2014, 68, 205-219.	2.9	19
13	Genome-wide screening identifies new genes required for stress-induced phase 2 detoxification gene expression in animals. BMC Biology, 2014, 12, 64.	3.8	22
14	A Peroxiredoxin Promotes H2O2 Signaling and Oxidative Stress Resistance by Oxidizing a Thioredoxin Family Protein. Cell Reports, 2013, 5, 1425-1435.	6.4	59
15	Ybp1 and Gpx3 Signaling inCandida albicansGovern Hydrogen Peroxide-Induced Oxidation of the Cap1 Transcription Factor and Macrophage Escape. Antioxidants and Redox Signaling, 2013, 19, 2244-2260.	5.4	65
16	Inactivation of a Peroxiredoxin by Hydrogen Peroxide Is Critical for Thioredoxin-Mediated Repair of Oxidized Proteins and Cell Survival. Molecular Cell, 2012, 45, 398-408.	9.7	181
17	Translating a Low-Sugar Diet into a Longer Life by Maintaining Thioredoxin Peroxidase Activity of a Peroxiredoxin. Molecular Cell, 2011, 43, 699-701.	9.7	2
18	Hydrogen Peroxide as a Signaling Molecule. Antioxidants and Redox Signaling, 2011, 15, 147-151.	5.4	180

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19	Hydrogen Peroxide-sensitive Cysteines in the Sty1 MAPK Regulate the Transcriptional Response to Oxidative Stress. Journal of Biological Chemistry, 2010, 285, 7505-7516.	3.4	40
20	A redox-sensitive peroxiredoxin that is important for longevity has tissue- and stress-specific roles in stress resistance. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19839-19844.	7.1	135
21	Hydrogen Peroxide Sensing and Signaling. Molecular Cell, 2007, 26, 1-14.	9.7	1,374
22	Functions of Typical 2-Cys Peroxiredoxins in Yeast. Sub-Cellular Biochemistry, 2007, 44, 253-265.	2.4	23
23	Oxidation of a Eukaryotic 2-Cys Peroxiredoxin Is a Molecular Switch Controlling the Transcriptional Response to Increasing Levels of Hydrogen Peroxide. Journal of Biological Chemistry, 2005, 280, 23319-23327.	3.4	141
24	A 2-Cys Peroxiredoxin Regulates Peroxide-Induced Oxidation and Activation of a Stress-Activated MAP Kinase. Molecular Cell, 2004, 15, 129-139.	9.7	196
25	Ybp1 Is Required for the Hydrogen Peroxide-induced Oxidation of the Yap1 Transcription Factor. Journal of Biological Chemistry, 2003, 278, 30896-30904.	3.4	122
26	Distinct Roles for Glutathione S-Transferases in the Oxidative Stress Response in Schizosaccharomyces pombe. Journal of Biological Chemistry, 2002, 277, 35523-35531.	3.4	139