

Ho Zoon Chae

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28
papers

5,397
citations

22
h-index

28
g-index

28
ext. papers

5,635
ext. citations

7.4
avg, IF

5.07
L-index

#	Paper	IF	Citations
28	Structural and biochemical analyses reveal ubiquitin C-terminal hydrolase-L1 as a specific client of the peroxiredoxin II chaperone. <i>Archives of Biochemistry and Biophysics</i> , 2018 , 640, 61-74	4.1	3
27	Peroxiredoxins are required for spindle assembly, chromosome organization, and polarization in mouse oocytes. <i>Biochemical and Biophysical Research Communications</i> , 2017 , 489, 193-199	3.4	3
26	Molecular characterization of a 2-Cys peroxiredoxin induced by abiotic stress in mungbean. <i>Plant Cell, Tissue and Organ Culture</i> , 2012 , 108, 473-484	2.7	10
25	Protein glutathionylation in the regulation of peroxiredoxins: a family of thiol-specific peroxidases that function as antioxidants, molecular chaperones, and signal modulators. <i>Antioxidants and Redox Signaling</i> , 2012 , 16, 506-23	8.4	90
24	Periovulatory expression of hydrogen peroxide-induced sulfiredoxin and peroxiredoxin 2 in the rat ovary: gonadotropin regulation and potential modification. <i>Endocrinology</i> , 2012 , 153, 5512-21	4.8	16
23	Characterization of diverse natural variants of CYP102A1 found within a species of <i>Bacillus megaterium</i> . <i>AMB Express</i> , 2011 , 1, 1	4.1	62
22	Distinct functional roles of peroxiredoxin isozymes and glutathione peroxidase from fission yeast, <i>Schizosaccharomyces pombe</i> . <i>BMB Reports</i> , 2010 , 43, 170-5	5.5	11
21	Novel protective mechanism against irreversible hyperoxidation of peroxiredoxin: Nalpha-terminal acetylation of human peroxiredoxin II. <i>Journal of Biological Chemistry</i> , 2009 , 284, 13455-13465	5.4	41
20	Heterologous expression and characterization of wild-type human cytochrome P450 1A2 without conventional N-terminal modification in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2008 , 57, 188-200	2	27
19	Irreversible oxidation of the active-site cysteine of peroxiredoxin to cysteine sulfonic acid for enhanced molecular chaperone activity. <i>Journal of Biological Chemistry</i> , 2008 , 283, 28873-80	5.4	136
18	Redox-regulated cochaperone activity of the human DnaJ homolog Hdj2. <i>Free Radical Biology and Medicine</i> , 2006 , 40, 651-9	7.8	25
17	Peroxiredoxin-I is an autoimmunogenic tumor antigen in non-small cell lung cancer. <i>FEBS Letters</i> , 2005 , 579, 2873-7	3.8	70
16	Peroxiredoxins: a historical overview and speculative preview of novel mechanisms and emerging concepts in cell signaling. <i>Free Radical Biology and Medicine</i> , 2005 , 38, 1543-52	7.8	1124
15	Thioredoxin modulates activator protein 1 (AP-1) activity and p27Kip1 degradation through direct interaction with Jab1. <i>Oncogene</i> , 2004 , 23, 8868-75	9.2	65
14	Reversing the inactivation of peroxiredoxins caused by cysteine sulfinic acid formation. <i>Science</i> , 2003 , 300, 653-6	33.3	484
13	Reversible oxidation of the active site cysteine of peroxiredoxins to cysteine sulfinic acid. Immunoblot detection with antibodies specific for the hyperoxidized cysteine-containing sequence. <i>Journal of Biological Chemistry</i> , 2003 , 278, 47361-4	5.4	182
12	Inactivation of human peroxiredoxin I during catalysis as the result of the oxidation of the catalytic site cysteine to cysteine-sulfinic acid. <i>Journal of Biological Chemistry</i> , 2002 , 277, 38029-36	5.4	351

11	Regulation of thioredoxin peroxidase activity by C-terminal truncation. <i>Archives of Biochemistry and Biophysics</i> , 2002 , 397, 312-8	4.1	95
10	Regulation of macrophage migration inhibitory factor and thiol-specific antioxidant protein PAG by direct interaction. <i>Journal of Biological Chemistry</i> , 2001 , 276, 15504-10	5.4	80
9	Cyclophilin a binds to peroxiredoxins and activates its peroxidase activity. <i>Journal of Biological Chemistry</i> , 2001 , 276, 29826-32	5.4	158
8	Peroxiredoxin is ubiquitously expressed in rat skin: isotype-specific expression in the epidermis and hair follicle. <i>Journal of Investigative Dermatology</i> , 2000 , 115, 1108-14	4.3	22
7	Isoforms of mammalian peroxiredoxin that reduce peroxides in presence of thioredoxin. <i>Methods in Enzymology</i> , 1999 , 300, 219-26	1.7	190
6	Characterization of three isoforms of mammalian peroxiredoxin that reduce peroxides in the presence of thioredoxin. <i>Diabetes Research and Clinical Practice</i> , 1999 , 45, 101-12	7.4	306
5	Mammalian peroxiredoxin isoforms can reduce hydrogen peroxide generated in response to growth factors and tumor necrosis factor-alpha. <i>Journal of Biological Chemistry</i> , 1998 , 273, 6297-302	5.4	548
4	Regulatory role for a novel human thioredoxin peroxidase in NF-kappaB activation. <i>Journal of Biological Chemistry</i> , 1997 , 272, 30952-61	5.4	345
3	Peroxidase activity of a TSA-like antioxidant protein from a pathogenic amoeba. <i>Free Radical Biology and Medicine</i> , 1997 , 23, 955-9	7.8	37
2	Removal of hydrogen peroxide by thiol-specific antioxidant enzyme (TSA) is involved with its antioxidant properties. TSA possesses thiol peroxidase activity. <i>Journal of Biological Chemistry</i> , 1996 , 271, 15315-21	5.4	185
1	Activation of the beta 1 isozyme of phospholipase C by alpha subunits of the Gq class of G proteins. <i>Nature</i> , 1991 , 350, 516-8	50.4	731