

Manuela Gellert

List of Publications by Year in descending order

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19
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779
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional plasticity in the thioredoxin family: FeS-thio- and glutaredoxins. , 2022, , 219-239.		0
2	Nucleoredoxin Plays a Key Role in the Maintenance of Retinal Pigmented Epithelium Differentiation. Antioxidants, 2022, 11, 1106.	5.1	0
3	Molecular Basis for the Interactions of Human Thioredoxins with Their Respective Reductases. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-17.	4.0	6
4	p53 is functionally inhibited in clear cell renal cell carcinoma (ccRCC): a mechanistic and correlative investigation into genetic and molecular characteristics. Journal of Cancer Research and Clinical Oncology, 2021, 147, 3565-3576.	2.5	5
5	Functional metagenomics of the thioredoxin superfamily. Journal of Biological Chemistry, 2021, 296, 100247.	3.4	7
6	Cofilin1 oxidation links oxidative distress to mitochondrial demise and neuronal cell death. Cell Death and Disease, 2021, 12, 953.	6.3	14
7	Molecular basis for the distinct functions of redox-active and FeS-transferring glutaredoxins. Nature Communications, 2020, 11, 3445.	12.8	47
8	Role of GSH and Iron-Sulfur Glutaredoxins in Iron Metabolism—Review. Molecules, 2020, 25, 3860.	3.8	18
9	The cytosolic isoform of glutaredoxin 2 promotes cell migration and invasion. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129599.	2.4	7
10	Signal-regulated oxidation of proteins via MICAL. Biochemical Society Transactions, 2020, 48, 613-620.	3.4	11
11	Substrate specificity of thioredoxins and glutaredoxins — towards a functional classification. Heliyon, 2019, 5, e02943.	3.2	28
12	Molecular dynamics simulations and in vitro analysis of the CRMP2 thiol switch. Molecular BioSystems, 2017, 13, 1744-1753.	2.9	8
13	Thioredoxin 1 and glutaredoxin 2 contribute to maintain the phenotype and integrity of neurons following perinatal asphyxia. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 1274-1285.	2.4	22
14	Redox regulation of cytoskeletal dynamics during differentiation and de-differentiation. Biochimica Et Biophysica Acta - General Subjects, 2015, 1850, 1575-1587.	2.4	30
15	Molecular architecture of <i>Streptococcus pneumoniae</i> surface thioredoxin fold lipoproteins crucial for extracellular oxidative stress resistance and maintenance of virulence. EMBO Molecular Medicine, 2013, 5, 1852-1870.	6.9	99
16	Identification of a Dithiol-disulfide Switch in Collapsin Response Mediator Protein 2 (CRMP2) That Is Toggled in a Model of Neuronal Differentiation. Journal of Biological Chemistry, 2013, 288, 35117-35125.	3.4	31
17	Vertebrate-specific glutaredoxin is essential for brain development. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 20532-20537.	7.1	71