

Catrine Johansson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10463704/publications.pdf>

Version: 2024-02-01

19
papers

1,772
citations

567281

15
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

2546
citing authors

#	ARTICLE	IF	CITATIONS
1	Cloning and Expression of a Novel Human Glutaredoxin (Grx2) with Mitochondrial and Nuclear Isoforms. <i>Journal of Biological Chemistry</i> , 2001, 276, 26269-26275.	3.4	284
2	Human Mitochondrial Glutaredoxin Reduces S-Glutathionylated Proteins with High Affinity Accepting Electrons from Either Glutathione or Thioredoxin Reductase. <i>Journal of Biological Chemistry</i> , 2004, 279, 7537-7543.	3.4	261
3	Human UTY(KDM6C) Is a Male-specific N ^ε -Methyl Lysyl Demethylase. <i>Journal of Biological Chemistry</i> , 2014, 289, 18302-18313.	3.4	166
4	Structural analysis of human KDM5B guides histone demethylase inhibitor development. <i>Nature Chemical Biology</i> , 2016, 12, 539-545.	8.0	155
5	The roles of Jumonji-type oxygenases in human disease. <i>Epigenomics</i> , 2014, 6, 89-120.	2.1	141
6	Reversible Sequestration of Active Site Cysteines in a 2Fe-2S-bridged Dimer Provides a Mechanism for Glutaredoxin 2 Regulation in Human Mitochondria. <i>Journal of Biological Chemistry</i> , 2007, 282, 3077-3082.	3.4	129
7	The crystal structure of human GLRX5: iron ²⁺ -sulfur cluster co-ordination, tetrameric assembly and monomer activity. <i>Biochemical Journal</i> , 2011, 433, 303-311.	3.7	115
8	Potent and Selective KDM5 Inhibitor Stops Cellular Demethylation of H3K4me3 at Transcription Start Sites and Proliferation of MM1S Myeloma Cells. <i>Cell Chemical Biology</i> , 2017, 24, 371-380.	5.2	111
9	Oxidation and S-Nitrosylation of Cysteines in Human Cytosolic and Mitochondrial Glutaredoxins. <i>Journal of Biological Chemistry</i> , 2007, 282, 14428-14436.	3.4	94
10	8-Substituted Pyrido[3,4- <i>d</i>]pyrimidin-4(3 <i>H</i>)-one Derivatives As Potent, Cell Permeable, KDM4 (JMJD2) and KDM5 (JARID1) Histone Lysine Demethylase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 1388-1409.	6.4	83
11	Glutaredoxins catalyze the reduction of glutathione by dihydrolipoamide with high efficiency. <i>Biochemical and Biophysical Research Communications</i> , 2002, 295, 1046-1051.	2.1	52
12	Redox properties and evolution of human glutaredoxins. <i>Proteins: Structure, Function and Bioinformatics</i> , 2007, 68, 879-892.	2.6	48
13	Inhibition of Histone H3K27 Demethylases Inactivates Brachyury (TBXT) and Promotes Chordoma Cell Death. <i>Cancer Research</i> , 2020, 80, 4540-4551.	0.9	33
14	Studies on the Interaction of the Histone Demethylase KDM5B with Tricarboxylic Acid Cycle Intermediates. <i>Journal of Molecular Biology</i> , 2017, 429, 2895-2906.	4.2	29
15	Advances and challenges in understanding histone demethylase biology. <i>Current Opinion in Chemical Biology</i> , 2016, 33, 151-159.	6.1	28
16	Lysine Demethylase 5A Is Required for MYC-Driven Transcription in Multiple Myeloma. <i>Blood Cancer Discovery</i> , 2021, 2, 370-387.	5.0	19
17	An unusual mode of iron ²⁺ -sulfur-cluster coordination in a teleost glutaredoxin. <i>Biochemical and Biophysical Research Communications</i> , 2013, 436, 491-496.	2.1	15
18	First-in-Class Inhibitors of the Ribosomal Oxygenase MINA53. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 17031-17050.	6.4	7

#	ARTICLE	IF	CITATIONS
19	Recognition of Dimethylarginine Analogues by Tandem Tudor Domain Protein Spindlin1. <i>Molecules</i> , 2022, 27, 983.	3.8	2