

Tomas N Gustafsson

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

486
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

911
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of bacterial thioredoxin reductase: an antibiotic mechanism targeting bacteria lacking glutathione. <i>FASEB Journal</i> , 2013, 27, 1394-1403.	0.5	141
2	Ebselen and analogs as inhibitors of <i>Bacillus anthracis</i> thioredoxin reductase and bactericidal antibacterials targeting <i>Bacillus</i> species, <i>Staphylococcus aureus</i> and <i>Mycobacterium tuberculosis</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1265-1271.	2.4	58
3	Hepatocyte Hyperproliferation upon Liver-Specific Co-disruption of Thioredoxin-1, Thioredoxin Reductase-1, and Glutathione Reductase. <i>Cell Reports</i> , 2017, 19, 2771-2781.	6.4	57
4	Ebsulfur Is a Benzisothiazolone Cytocidal Inhibitor Targeting the Trypanothione Reductase of <i>Trypanosoma brucei</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 27456-27468.	3.4	46
5	Activity assays of mammalian thioredoxin and thioredoxin reductase: Fluorescent disulfide substrates, mechanisms, and use with tissue samples. <i>Analytical Biochemistry</i> , 2014, 449, 139-146.	2.4	43
6	Auranofin and <i>N</i> -heterocyclic carbene gold-analogs are potent inhibitors of the bacteria <i>Helicobacter pylori</i> . <i>FEMS Microbiology Letters</i> , 2016, 363, fnw148.	1.8	43
7	<i>Bacillus anthracis</i> Thioredoxin Systems, Characterization and Role as Electron Donors for Ribonucleotide Reductase. <i>Journal of Biological Chemistry</i> , 2012, 287, 39686-39697.	3.4	33
8	High-resolution structures of oxidized and reduced thioredoxin reductase from <i>Helicobacter pylori</i> . <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2007, 63, 833-843.	2.5	30
9	Pharmacodynamic Evaluation of Dosing, Bacterial Kill, and Resistance Suppression for Zoliflodacin Against <i>Neisseria gonorrhoeae</i> in a Dynamic Hollow Fiber Infection Model. <i>Frontiers in Pharmacology</i> , 2021, 12, 682135.	3.5	23
10	The first wide-scale drug repurposing screen using the Prestwick Chemical Library (1200 bioactive) and many additional drugs. <i>Apmis</i> , 2020, 128, 242-250.	2.0	11
11	A Bioanalytical Method for Quantification of Thioredoxins in <i>Bacillus anthracis</i> by Digestion with Immobilized Pepsin and LC-MS/MS and On-line LC-MS/MS. <i>Chromatographia</i> , 2016, 79, 383-393.	1.3	1