Katarina Johansson

List of Publications by Year
in descending order

23	1,220	489802 18	721071 23
papers	citations	h-index	g-index

23	23	23	2605
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterization of More Selective Central Nervous System Nrf2-Activating Novel Vinyl SulfoximineÂCompounds Compared to Dimethyl Fumarate. Neurotherapeutics, 2020, 17, 1142-1152.	2.1	8
2	Comprehensive chemical proteomics for target deconvolution of the redox active drug auranofin. Redox Biology, 2020, 32, 101491.	3.9	58
3	MGST1, a GSH transferase/peroxidase essential for development and hematopoietic stem cell differentiation. Redox Biology, 2018, 17, 171-179.	3.9	37
4	Cross Talk in HEK293 Cells Between Nrf2, HIF, and NF-Î²B Activities upon Challenges with Redox Therapeutics Characterized with Single-Cell Resolution. Antioxidants and Redox Signaling, 2017, 26, 229-246.	2.5	41
5	Rutin protects against H 2 O 2 -triggered impaired relaxation of placental arterioles and induces Nrf2-mediated adaptation in Human Umbilical Vein Endothelial Cells exposed to oxidative stress. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1177-1189.	1.1	38
6	Time- and cell-resolved dynamics of redox-sensitive Nrf2, HIF and NF-Î²B activities in 3D spheroids enriched for cancer stem cells. Redox Biology, 2017, 12, 403-409.	3.9	31
7	Chemical Reactivity Window Determines Prodrug Efficiency toward Glutathione Transferase Overexpressing Cancer Cells. Molecular Pharmaceutics, 2016, 13, 2010-2025.	2.3	37
8	Preclinical PET imaging of EGFR levels: pairing a targeting with a non-targeting Sel-tagged Affibody-based tracer to estimate the specific uptake. EJNMMI Research, 2016, 6, 58.	1.1	13
9	Entinostat up-regulates the CAMP gene encoding LL-37 via activation of STAT3 and HIF-1Î± transcription factors. Scientific Reports, 2016, 6, 33274.	1.6	38
10	A novel persulfide detection method reveals protein persulfide- and polysulfide-reducing functions of thioredoxin and glutathione systems. Science Advances, 2016, 2, e1500968.	4.7	250
11	Thioredoxin-related protein of 14 kDa is an efficient L-cystine reductase and S-denitrosylase. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6964-6969.	3.3	125
12	Association of interleukin 8 with myocardial infarction: Results from the Stockholm Heart Epidemiology Program. International Journal of Cardiology, 2014, 172, 173-178.	0.8	31
13	Site-specifically 11C-labeled Sel-tagged annexin A5 and a size-matched control for dynamic in vivo PET imaging of protein distribution in tissues prior to and after induced cell death. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 2562-2573.	1.1	8
14	HER2-Positive Tumors Imaged Within 1 Hour Using a Site-Specifically ¹¹C-Labeled Sel-Tagged Affibody Molecule. Journal of Nuclear Medicine, 2012, 53, 1446-1453.	2.8	29
15	Microsomal Glutathione Transferase 1 Protects Against Toxicity Induced by Silica Nanoparticles but Not by Zinc Oxide Nanoparticles. ACS Nano, 2012, 6, 1925-1938.	7.3	100
16	Combining [11C]-AnxA5 PET Imaging with Serum Biomarkers for Improved Detection in Live Mice of Modest Cell Death in Human Solid Tumor Xenografts. PLoS ONE, 2012, 7, e42151.	1.1	11
17	Microsomal glutathione transferase 1: mechanism and functional roles. Drug Metabolism Reviews, 2011, 43, 300-306.	1.5	97
18	Characterization of New Potential Anticancer Drugs Designed To Overcome Glutathione Transferase Mediated Resistance. Molecular Pharmaceutics, 2011, 8, 1698-1708.	2.3	50

#	Article	IF	Citations
19	Multiple roles of microsomal glutathione transferase 1 in cellular protection: A mechanistic study. Free Radical Biology and Medicine, 2010, 49, 1638-1645.	1.3	73
20	Characterization of a new fluorogenic substrate for microsomal glutathione transferase 1. Analytical Biochemistry, 2009, 390, 52-56.	1.1	24
21	Protection of cells from oxidative stress by microsomal glutathione transferase 1. Biochemical and Biophysical Research Communications, 2007, 355, 592-596.	1.0	70
22	Microsomal glutathione transferase 1 in anticancer drug resistance. Carcinogenesis, 2006, 28, 465-470.	1.3	44
23	Modelling of Normal and Premalignant Oral Tissue by using the Immortalised Cell Line, SVpgC2a: A Review of the Value of the Model. ATLA Alternatives To Laboratory Animals, 2004, 32, 401-405.	0.7	7