

# Christopher E Goldring

## List of Publications by Year in descending order

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41  
papers

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citations

257101

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times ranked

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#	ARTICLE	IF	CITATIONS
1	The Nrf2 cell defence pathway: Keap1-dependent and -independent mechanisms of regulation. <i>Biochemical Pharmacology</i> , 2013, 85, 705-717.	2.0	855
2	Mechanistic biomarkers provide early and sensitive detection of acetaminophen-induced acute liver injury at first presentation to hospital. <i>Hepatology</i> , 2013, 58, 777-787.	3.6	364
3	The Nrf2-Keap1 defence pathway: Role in protection against drug-induced toxicity. <i>Toxicology</i> , 2008, 246, 24-33.	2.0	304
4	Physical and Functional Interaction of Sequestosome 1 with Keap1 Regulates the Keap1-Nrf2 Cell Defense Pathway. <i>Journal of Biological Chemistry</i> , 2010, 285, 16782-16788.	1.6	222
5	Brusatol provokes a rapid and transient inhibition of Nrf2 signaling and sensitizes mammalian cells to chemical toxicity—implications for therapeutic targeting of Nrf2. <i>Free Radical Biology and Medicine</i> , 2015, 78, 202-212.	1.3	161
6	Managing the challenge of drug-induced liver injury: a roadmap for the development and deployment of preclinical predictive models. <i>Nature Reviews Drug Discovery</i> , 2020, 19, 131-148.	21.5	153
7	The hepatotoxic metabolite of acetaminophen directly activates the Keap1-Nrf2 cell defense system. <i>Hepatology</i> , 2008, 48, 1292-1301.	3.6	116
8	Massive rearrangements of cellular MicroRNA signatures are key drivers of hepatocyte dedifferentiation. <i>Hepatology</i> , 2016, 64, 1743-1756.	3.6	100
9	The Keap1-Nrf2 Cellular Defense Pathway: Mechanisms of Regulation and Role in Protection Against Drug-Induced Toxicity. <i>Handbook of Experimental Pharmacology</i> , 2010, , 233-266.	0.9	82
10	Loss of Transcription Factor Nuclear Factor-Erythroid 2 (NF-E2) p45-related Factor-2 (Nrf2) Leads to Dysregulation of Immune Functions, Redox Homeostasis, and Intracellular Signaling in Dendritic Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 10556-10564.	1.6	63
11	Extracorporeal liver assist device to exchange albumin and remove endotoxin in acute liver failure: Results of a pivotal pre-clinical study. <i>Journal of Hepatology</i> , 2015, 63, 634-642.	1.8	56
12	MiR-122 and other microRNAs as potential circulating biomarkers of drug-induced liver injury. <i>Expert Review of Molecular Diagnostics</i> , 2018, 18, 47-54.	1.5	52
13	Early detection of paracetamol toxicity using circulating liver microRNA and markers of cell necrosis. <i>British Journal of Clinical Pharmacology</i> , 2014, 77, 904-905.	1.1	49
14	Nuclear Factor-erythroid 2 (NF-E2) p45-related Factor-2 (Nrf2) Modulates Dendritic Cell Immune Function through Regulation of p38 MAPK-cAMP-responsive Element Binding Protein/Activating Transcription Factor 1 Signaling. <i>Journal of Biological Chemistry</i> , 2013, 288, 22281-22288.	1.6	48
15	Functionalized superparamagnetic iron oxide nanoparticles provide highly efficient iron-labeling in macrophages for magnetic resonance-based detection in vivo. <i>Cytotherapy</i> , 2017, 19, 555-569.	0.3	44
16	Integrated transcriptomic and proteomic analyses uncover regulatory roles of Nrf2 in the kidney. <i>Kidney International</i> , 2015, 88, 1261-1273.	2.6	41
17	The Nrf2 inhibitor brusatol is a potent antitumour agent in an orthotopic mouse model of colorectal cancer. <i>Oncotarget</i> , 2018, 9, 27104-27116.	0.8	40
18	Role of protein haptentation in triggering maturation events in the dendritic cell surrogate cell line THP-1. <i>Toxicology and Applied Pharmacology</i> , 2009, 238, 120-132.	1.3	39

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19	In Vivo Footprinting of the Human 11 $\beta$ -Hydroxysteroid Dehydrogenase Type 2 Promoter. <i>Journal of Biological Chemistry</i> , 2002, 277, 14647-14656.	1.6	37
20	Design and Synthesis of Irreversible Analogues of Bardoxolone Methyl for the Identification of Pharmacologically Relevant Targets and Interaction Sites. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 2396-2409.	2.9	37
21	Characterization of Drug-Specific Signaling Between Primary Human Hepatocytes and Immune Cells. <i>Toxicological Sciences</i> , 2017, 158, 76-89.	1.4	37
22	Differential effect of covalent protein modification and glutathione depletion on the transcriptional response of Nrf2 and NF- $\kappa$ B. <i>Biochemical Pharmacology</i> , 2010, 80, 410-421.	2.0	32
23	Cellular Uptake of the Atypical Antipsychotic Clozapine Is a Carrier-Mediated Process. <i>Molecular Pharmaceutics</i> , 2018, 15, 3557-3572.	2.3	30
24	A longitudinal assessment of miR-122 and GLDH as biomarkers of drug-induced liver injury in the rat. <i>Biomarkers</i> , 2017, 22, 461-469.	0.9	29
25	Pharmacological Activation of Nrf2 Enhances Functional Liver Regeneration. <i>Hepatology</i> , 2021, 74, 973-986.	3.6	29
26	Characterisation of the NRF2 transcriptional network and its response to chemical insult in primary human hepatocytes: implications for prediction of drug-induced liver injury. <i>Archives of Toxicology</i> , 2019, 93, 385-399.	1.9	23
27	The S349T mutation of SQSTM1 links Keap1/Nrf2 signalling to Paget's disease of bone. <i>Bone</i> , 2013, 52, 699-706.	1.4	21
28	Chemical Tuning Enhances Both Potency Toward Nrf2 and In Vitro Therapeutic Index of Triterpenoids. <i>Toxicological Sciences</i> , 2014, 140, 462-469.	1.4	21
29	Dynamic and accurate assessment of acetaminophen-induced hepatotoxicity by integrated photoacoustic imaging and mechanistic biomarkers in vivo. <i>Toxicology and Applied Pharmacology</i> , 2017, 332, 64-74.	1.3	20
30	NRF2 regulates the glutamine transporter Slc38a3 (SNAT3) in kidney in response to metabolic acidosis. <i>Scientific Reports</i> , 2018, 8, 5629.	1.6	20
31	Model-based identification of TNF $\alpha$ -induced IKK $\beta$ -mediated and I $\kappa$ B $\alpha$ -mediated regulation of NF $\kappa$ B signal transduction as a tool to quantify the impact of drug-induced liver injury compounds. <i>Npj Systems Biology and Applications</i> , 2018, 4, 23.	1.4	19
32	Application of porcine gastrointestinal organoid units as a potential in vitro tool for drug discovery and development. <i>Journal of Applied Toxicology</i> , 2019, 39, 4-15.	1.4	18
33	Safety perspectives on presently considered drugs for the treatment of COVID-19. <i>British Journal of Pharmacology</i> , 2020, 177, 4353-4374.	2.7	17
34	A MicroRNA Next-Generation-Sequencing Discovery Assay (miND) for Genome-Scale Analysis and Absolute Quantitation of Circulating MicroRNA Biomarkers. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1226.	1.8	16
35	Critical considerations for targeting colorectal liver metastases with nanotechnology. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020, 12, e1588.	3.3	14
36	Real-time in vivo imaging reveals localised Nrf2 stress responses associated with direct and metabolism-dependent drug toxicity. <i>Scientific Reports</i> , 2017, 7, 16084.	1.6	11

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37	Development of an orthotopic syngeneic murine model of colorectal cancer for use in translational research. <i>Laboratory Animals</i> , 2019, 53, 598-609.	0.5	6
38	Circulating levels of miR-122 increase post-mortem, particularly following lethal dosing with pentobarbital sodium: implications for pre-clinical liver injury studies. <i>Toxicology Research</i> , 2017, 6, 406-411.	0.9	3
39	Improved Ligation-Mediated Polymerase Chain Reaction of GC-Rich Transcriptional Control Regions. <i>Analytical Biochemistry</i> , 1999, 272, 280-282.	1.1	2
40	Understanding the pathophysiological regulatory role of microRNAs in acute liver failure. <i>Hepatology</i> , 2015, 61, 1439-1440.	3.6	2
41	Gene Signatures Reduce the Stress of Preclinical Drug Hepatotoxicity Screening. <i>Hepatology</i> , 2021, 74, 513-515.	3.6	2