Liam Baird

List of Publications by Citations

18 papers	2,086 citations	14 h-index	18 g-index
18 ext. papers	2,616 ext. citations	6.3 avg, IF	5.56 L-index

#	Paper	IF	Citations
18	The cytoprotective role of the Keap1-Nrf2 pathway. *Archives of Toxicology*, **2011**, 85, 241-72	5.8	687
17	Nrf2 impacts cellular bioenergetics by controlling substrate availability for mitochondrial respiration. *Biology Open*, **2013**, 2, 761-70	2.2	266
16	Regulatory flexibility in the Nrf2-mediated stress response is conferred by conformational cycling of the Keap1-Nrf2 protein complex. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 15259-64	11.5	228
15	The Molecular Mechanisms Regulating the KEAP1-NRF2 Pathway. *Molecular and Cellular Biology*, **2020**, 40,	4.8	184
14	Characterizations of Three Major Cysteine Sensors of Keap1 in Stress Response. *Molecular and Cellular Biology*, **2016**, 36, 271-84	4.8	147
13	Molecular Mechanism of Cellular Oxidative Stress Sensing by Keap1. *Cell Reports*, **2019**, 28, 746-758.e4	10.6	92
12	Monitoring Keap1-Nrf2 interactions in single live cells. *Biotechnology Advances*, **2014**, 32, 1133-44	17.8	92
11	Design, Synthesis, and Evaluation of Triazole Derivatives That Induce Nrf2 Dependent Gene Products and Inhibit the Keap1-Nrf2 Protein-Protein Interaction. *Journal of Medicinal Chemistry*, **2015**, 58, 7186-94	8.3	86
10	NRF2 Intensifies Host Defense Systems to Prevent Lung Carcinogenesis, but After Tumor Initiation Accelerates Malignant Cell Growth. *Cancer Research*, **2016**, 76, 3088-96	10.1	64
9	The spatiotemporal regulation of the Keap1-Nrf2 pathway and its importance in cellular bioenergetics. *Biochemical Society Transactions*, **2015**, 43, 602-10	5.1	58
8	Absolute Amounts and Status of the Nrf2-Keap1-Cul3 Complex within Cells. *Molecular and Cellular Biology*, **2016**, 36, 3100-3112	4.8	57
7	Transcription factor Nrf1 negatively regulates the cystine/glutamate transporter and lipid-metabolizing enzymes. *Molecular and Cellular Biology*, **2014**, 34, 3800-16	4.8	46
6	Diffusion dynamics of the Keap1-Cullin3 interaction in single live cells. *Biochemical and Biophysical Research Communications*, **2013**, 433, 58-65	3.4	39
5	A Homeostatic Shift Facilitates Endoplasmic Reticulum Proteostasis through Transcriptional Integration of Proteostatic Stress Response Pathways. *Molecular and Cellular Biology*, **2017**, 37,	4.8	30
4	Discovery of an NRF1-specific inducer from a large-scale chemical library using a direct NRF1-protein monitoring system. *Genes To Cells*, **2015**, 20, 563-77	2.3	5
3	Hypoxia-sensitive reporter system for high-throughput screening. *Tohoku Journal of Experimental Medicine*, **2015**, 235, 151-9	2.4	3
2	The Keap1-Nrf2 pathway: From mechanism to medical applications **2020**, 125-147		1

1	Halofuginone micelle nanoparticles eradicate Nrf2-activated lung adenocarcinoma without systemic toxicity. *Free Radical Biology and Medicine*, **2022**, 187, 92-92	7.8	1