

# Liam Baird

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Halofuginone micelle nanoparticles eradicate Nrf2-activated lung adenocarcinoma without systemic toxicity. <i>Free Radical Biology and Medicine</i> , <b>2022</b> , 187, 92-92	7.8	1
17	The Keap1-Nrf2 pathway: From mechanism to medical applications <b>2020</b> , 125-147		1
16	The Molecular Mechanisms Regulating the KEAP1-NRF2 Pathway. <i>Molecular and Cellular Biology</i> , <b>2020</b> , 40,	4.8	184
15	Molecular Mechanism of Cellular Oxidative Stress Sensing by Keap1. <i>Cell Reports</i> , <b>2019</b> , 28, 746-758.e4	10.6	92
14	A Homeostatic Shift Facilitates Endoplasmic Reticulum Proteostasis through Transcriptional Integration of Proteostatic Stress Response Pathways. <i>Molecular and Cellular Biology</i> , <b>2017</b> , 37,	4.8	30
13	Characterizations of Three Major Cysteine Sensors of Keap1 in Stress Response. <i>Molecular and Cellular Biology</i> , <b>2016</b> , 36, 271-84	4.8	147
12	NRF2 Intensifies Host Defense Systems to Prevent Lung Carcinogenesis, but After Tumor Initiation Accelerates Malignant Cell Growth. <i>Cancer Research</i> , <b>2016</b> , 76, 3088-96	10.1	64
11	Absolute Amounts and Status of the Nrf2-Keap1-Cul3 Complex within Cells. <i>Molecular and Cellular Biology</i> , <b>2016</b> , 36, 3100-3112	4.8	57
10	Design, Synthesis, and Evaluation of Triazole Derivatives That Induce Nrf2 Dependent Gene Products and Inhibit the Keap1-Nrf2 Protein-Protein Interaction. <i>Journal of Medicinal Chemistry</i> , <b>2015</b> , 58, 7186-94	8.3	86
9	Discovery of an NRF1-specific inducer from a large-scale chemical library using a direct NRF1-protein monitoring system. <i>Genes To Cells</i> , <b>2015</b> , 20, 563-77	2.3	5
8	The spatiotemporal regulation of the Keap1-Nrf2 pathway and its importance in cellular bioenergetics. <i>Biochemical Society Transactions</i> , <b>2015</b> , 43, 602-10	5.1	58
7	Hypoxia-sensitive reporter system for high-throughput screening. <i>Tohoku Journal of Experimental Medicine</i> , <b>2015</b> , 235, 151-9	2.4	3
6	Monitoring Keap1-Nrf2 interactions in single live cells. <i>Biotechnology Advances</i> , <b>2014</b> , 32, 1133-44	17.8	92
5	Transcription factor Nrf1 negatively regulates the cystine/glutamate transporter and lipid-metabolizing enzymes. <i>Molecular and Cellular Biology</i> , <b>2014</b> , 34, 3800-16	4.8	46
4	Diffusion dynamics of the Keap1-Cullin3 interaction in single live cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2013</b> , 433, 58-65	3.4	39
3	Nrf2 impacts cellular bioenergetics by controlling substrate availability for mitochondrial respiration. <i>Biology Open</i> , <b>2013</b> , 2, 761-70	2.2	266
2	Regulatory flexibility in the Nrf2-mediated stress response is conferred by conformational cycling of the Keap1-Nrf2 protein complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 15259-64	11.5	228

- 1 The cytoprotective role of the Keap1-Nrf2 pathway. *Archives of Toxicology*, **2011**, 85, 241-72 5.8 687