

# Maureen Higgins

## List of Publications by Year in descending order

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Version: 2024-02-01

28  
papers

1,885  
citations

567281

15  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

3463  
citing authors

#	ARTICLE	IF	CITATIONS
1	Itaconate is an anti-inflammatory metabolite that activates Nrf2 via alkylation of KEAP1. <i>Nature</i> , 2018, 556, 113-117.	27.8	1,115
2	KEAP1-modifying small molecule reveals muted NRF2 signaling responses in neural stem cells from Huntington's disease patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E4676-E4685.	7.1	119
3	KEAP1 inhibition is neuroprotective and suppresses the development of epilepsy. <i>Brain</i> , 2018, 141, 1390-1403.	7.6	99
4	Nrf2 Activation Protects against Solar-Simulated Ultraviolet Radiation in Mice and Humans. <i>Cancer Prevention Research</i> , 2015, 8, 475-486.	1.5	94
5	Evaluation of an Actinomycin D/VX-680 aurora kinase inhibitor combination in p53-based cyclotherapy. <i>Oncotarget</i> , 2010, 1, 639-650.	1.8	65
6	A DHODH inhibitor increases p53 synthesis and enhances tumor cell killing by p53 degradation blockage. <i>Nature Communications</i> , 2018, 9, 1107.	12.8	63
7	Nrf2 activation reprograms macrophage intermediary metabolism and suppresses the type I interferon response. <i>IScience</i> , 2022, 25, 103827.	4.1	51
8	Redox effects and cytotoxic profiles of MJ25 and auranofin towards malignant melanoma cells. <i>Oncotarget</i> , 2015, 6, 16488-16506.	1.8	30
9	Loss of Nrf2 abrogates the protective effect of Keap1 downregulation in a preclinical model of cutaneous squamous cell carcinoma. <i>Scientific Reports</i> , 2016, 6, 25804.	3.3	28
10	New Monocyclic, Bicyclic, and Tricyclic Ethynylcyanodienones as Activators of the Keap1/Nrf2/ARE Pathway and Inhibitors of Inducible Nitric Oxide Synthase. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 4738-4748.	6.4	26
11	Nrf2 is activated by disruption of mitochondrial thiol homeostasis but not by enhanced mitochondrial superoxide production. <i>Journal of Biological Chemistry</i> , 2021, 296, 100169.	3.4	25
12	Isomeric O-methyl cannabidiolquinones with dual BACH1/NRF2 activity. <i>Redox Biology</i> , 2020, 37, 101689.	9.0	23
13	Downregulation of Keap1 Confers Features of a Fasted Metabolic State. <i>IScience</i> , 2020, 23, 101638.	4.1	21
14	Whole-Exome Sequencing Validates a Preclinical Mouse Model for the Prevention and Treatment of Cutaneous Squamous Cell Carcinoma. <i>Cancer Prevention Research</i> , 2017, 10, 67-75.	1.5	17
15	N1-Benzyl substituted cambinol analogues as isozyme selective inhibitors of the sirtuin family of protein deacetylases. <i>MedChemComm</i> , 2011, 2, 611.	3.4	16
16	Phenyl Bis-Sulfonamide Keap1-Nrf2 Protein-Protein Interaction Inhibitors with an Alternative Binding Mode. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 7380-7398.	6.4	14
17	The synthetic triterpenoids CDDO-TFEA and CDDO-Me, but not CDDO, promote nuclear exclusion of BACH1 impairing its activity. <i>Redox Biology</i> , 2022, 51, 102291.	9.0	12
18	The isoquinoline PRL-295 increases the thermostability of Keap1 and disrupts its interaction with Nrf2. <i>IScience</i> , 2022, 25, 103703.	4.1	11

#	ARTICLE	IF	CITATIONS
19	Radiomodulatory effect of a non-electrophilic NQO1 inducer identified in a screen of new 6, 8-diiodoquinazolin-4(3H)-ones carrying a sulfonamide moiety. <i>European Journal of Medicinal Chemistry</i> , 2020, 200, 112467.	5.5	10
20	Potency of extracts from selected Egyptian plants as inducers of the Nrf2-dependent chemopreventive enzyme NQO1. <i>Journal of Natural Medicines</i> , 2016, 70, 683-688.	2.3	9
21	Pirin, an Nrf2-Regulated Protein, Is Overexpressed in Human Colorectal Tumors. <i>Antioxidants</i> , 2022, 11, 262.	5.1	8
22	Novel iodinated quinazolinones bearing sulfonamide as new scaffold targeting radiation induced oxidative stress. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 42, 128002.	2.2	6
23	NAD(P)H:quinone oxidoreductase 1 inducer activity of some novel anilinoquinazoline derivatives. <i>Drug Design, Development and Therapy</i> , 2016, Volume 10, 2515-2524.	4.3	5
24	Synthesis, molecular modeling and NAD(P)H:quinone oxidoreductase 1 inducer activity of novel 2-phenylquinazolin-4-amine derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1612-1618.	5.2	4
25	Synthesis and biological evaluation of novel 2-phenylquinazoline-4-amine derivatives: identification of 6-phenyl-8H-benzo[g]quinazolino[4,3-b]quinazolin-8-one as a highly potent inducer of NAD(P)H quinone oxidoreductase 1. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 34-39.	5.2	4
26	Clinically relevant aberrant Filip1I DNA methylation detected in a murine model of cutaneous squamous cell carcinoma. <i>EBioMedicine</i> , 2021, 67, 103383.	6.1	4
27	NAD(P)H: quinone oxidoreductase 1 inducer activity of novel 4-aminoquinazoline derivatives. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 1369-1374.	5.2	3
28	Nrf2 activation does not affect adenoma development in a mouse model of colorectal cancer. <i>Communications Biology</i> , 2021, 4, 1081.	4.4	1