

# Young-Sam Keum

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6868589/publications.pdf>

Version: 2024-02-01

50  
papers

2,806  
citations

331670

21  
h-index

197818

49  
g-index

52  
all docs

52  
docs citations

52  
times ranked

4276  
citing authors

#	ARTICLE	IF	CITATIONS
1	BAP1 Downregulates NRF2 Target Genes and Exerts Anti-Tumorigenic Effects by Deubiquitinating KEAP1 in Lung Adenocarcinoma. <i>Antioxidants</i> , 2022, 11, 114.	5.1	3
2	Ethanol Extract of <i>Chaenomeles sinensis</i> Inhibits the Development of Benign Prostatic Hyperplasia by Exhibiting Anti-oxidant and Anti-inflammatory Effects. <i>Journal of Cancer Prevention</i> , 2022, 27, 42-49.	2.0	4
3	Inhibition of oxidative stress induced-cytotoxicity by coptisine in V79-4 Chinese hamster lung fibroblasts through the induction of Nrf-2 mediated HO-1 expression. <i>Genes and Genomics</i> , 2021, 43, 17-31.	1.4	9
4	Triptolide Downregulates the Expression of NRF2 Target Genes by Increasing Cytoplasmic Localization of NRF2 in A549 Cells. <i>Frontiers in Pharmacology</i> , 2021, 12, 680167.	3.5	3
5	Red ginseng oil promotes hair growth and protects skin against UVC radiation. <i>Journal of Ginseng Research</i> , 2021, 45, 498-509.	5.7	13
6	Auranofin Attenuates Non-Alcoholic Fatty Liver Disease by Suppressing Lipid Accumulation and NLRP3 Inflammasome-Mediated Hepatic Inflammation In Vivo and In Vitro. <i>Antioxidants</i> , 2020, 9, 1040.	5.1	27
7	Cardamonin Inhibits Oxazolone-Induced Atopic Dermatitis by the Induction of NRF2 and the Inhibition of Th2 Cytokine Production. <i>Antioxidants</i> , 2020, 9, 834.	5.1	13
8	Effect of fermented oyster extract on growth promotion in Sprague-Dawley rats. <i>Integrative Medicine Research</i> , 2020, 9, 100412.	1.8	5
9	Regulation of NRF2 by Na <sup>+</sup> /K <sup>+</sup> -ATPase: implication of tyrosine phosphorylation of Src. <i>Free Radical Research</i> , 2020, 54, 883-893.	3.3	7
10	Molecular mechanisms and systemic targeting of NRF2 dysregulation in cancer. <i>Biochemical Pharmacology</i> , 2020, 177, 114002.	4.4	20
11	Homoharringtonine stabilizes secondary structure of guanine-rich sequence existing in the 5'-untranslated region of Nrf2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 2189-2196.	2.2	13
12	Binding partners of NRF2: Functions and regulatory mechanisms. <i>Archives of Biochemistry and Biophysics</i> , 2019, 678, 108184.	3.0	37
13	4-O-Methylvisamminol Attenuates Pro-Inflammatory Responses and Protects against Oxidative Damages. <i>Biomolecules and Therapeutics</i> , 2019, 27, 381-385.	2.4	3
14	Marliolide inhibits skin carcinogenesis by activating NRF2/ARE to induce heme oxygenase-1. <i>European Journal of Medicinal Chemistry</i> , 2018, 150, 113-126.	5.5	21
15	E-p-Methoxycinnamoyl-1-rhamnopyranosyl Ester, a Phenylpropanoid Isolated from <i>Scrophularia buergeriana</i> , Increases Nuclear Factor Erythroid-Derived 2-Related Factor 2 Stability by Inhibiting Ubiquitination in Human Keratinocytes. <i>Molecules</i> , 2018, 23, 768.	3.8	7
16	Suppression of NRF2/ARE by convallatoxin sensitises A549 cells to 5-FU-mediated apoptosis. <i>Free Radical Research</i> , 2018, 52, 1416-1423.	3.3	21
17	Acetonitrile extract of <i>Salvia miltiorrhiza</i> Radix exhibits growth-inhibitory effects on prostate cancer cells through the induction of cell cycle arrest and apoptosis. <i>Oncology Letters</i> , 2017, 13, 2921-2928.	1.8	9
18	Live bio-imaging with fully bio-compatible organic fluorophores. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 166, 52-57.	3.8	11

#	ARTICLE	IF	CITATIONS
19	NRF2, a Key Regulator of Antioxidants with Two Faces towards Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-7.	4.0	75
20	Sensitization of 5-Fluorouracil-Resistant SNUC5 Colon Cancer Cells to Apoptosis by Î±-Mangostin. <i>Biomolecules and Therapeutics</i> , 2016, 24, 604-609.	2.4	7
21	Hwang-Heuk-San induces apoptosis in HCT116 human colorectal cancer cells through the ROS-mediated activation of caspases and the inactivation of the PI3K/Akt signaling pathway. <i>Oncology Reports</i> , 2016, 36, 205-214.	2.6	13
22	Effect of irradiation on cytokine secretion and nitric oxide production by inflammatory macrophages. <i>Genes and Genomics</i> , 2016, 38, 717-722.	1.4	0
23	Ethanol Extract of <i>Cirsium japonicum</i> var. <i>ussuriense</i> Kitamura Exhibits the Activation of Nuclear Factor Erythroid 2-Related Factor 2-dependent Antioxidant Response Element and Protects Human Keratinocyte HaCaT Cells Against Oxidative DNA Damage. <i>Journal of Cancer Prevention</i> , 2016, 21, 66-72.	2.0	6
24	Isocitrate dehydrogenase mutations: new opportunities for translational research. <i>BMB Reports</i> , 2015, 48, 266-270.	2.4	9
25	Discovery of Î±-mangostin as a novel competitive inhibitor against mutant isocitrate dehydrogenase-1. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 5625-5631.	2.2	16
26	Identification of a New Selective Chemical Inhibitor of Mutant Isocitrate Dehydrogenase-1. <i>Journal of Cancer Prevention</i> , 2015, 20, 78-83.	2.0	6
27	Keap1 Cysteine 288 as a Potential Target for Diallyl Trisulfide-Induced Nrf2 Activation. <i>PLoS ONE</i> , 2014, 9, e85984.	2.5	69
28	Sulforaphane inhibition of TPA-mediated PDCD4 downregulation contributes to suppression of c-Jun and induction of p21-dependent Nrf2 expression. <i>European Journal of Pharmacology</i> , 2014, 741, 247-253.	3.5	8
29	Molecular and Chemical Regulation of the Keap1-Nrf2 Signaling Pathway. <i>Molecules</i> , 2014, 19, 10074-10089.	3.8	177
30	Identification of 4- <i>O</i> - $\beta$ -D-glucosyl-5- <i>O</i> -methylvisamminol as a novel epigenetic suppressor of histone H3 phosphorylation at Ser10 and its interaction with 14-3-3 $\mu$ . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 4763-4767.	2.2	6
31	Sulforaphane Suppresses LPS-Induced or TPA-Induced Downregulation of PDCD4 in RAW 264.7 Cells. <i>Phytotherapy Research</i> , 2014, 28, 1606-1611.	5.8	5
32	Resveratrol Inhibits IL-6-Induced Transcriptional Activity of AR and STAT3 in Human Prostate Cancer LNCaP-FGC Cells. <i>Biomolecules and Therapeutics</i> , 2014, 22, 426-430.	2.4	29
33	Mechanisms of Nrf2/Keap1-Dependent Phase II Cytoprotective and Detoxifying Gene Expression and Potential Cellular Targets of Chemopreventive Isothiocyanates. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-7.	4.0	38
34	Finasteride Increases the Expression of Hemoxygenase-1 (HO-1) and NF-E2-Related Factor-2 (Nrf2) Proteins in PC-3 Cells: Implication of Finasteride-Mediated High-Grade Prostate Tumor Occurrence. <i>Biomolecules and Therapeutics</i> , 2013, 21, 49-53.	2.4	9
35	Inhibition of SARS Coronavirus Helicase by Baicalein. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 3187-3188.	1.9	16
36	Development of chemical inhibitors of the SARS coronavirus: Viral helicase as a potential target. <i>Biochemical Pharmacology</i> , 2012, 84, 1351-1358.	4.4	70

#	ARTICLE	IF	CITATIONS
37	Identification of myricetin and scutellarein as novel chemical inhibitors of the SARS coronavirus helicase, nsP13. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 4049-4054.	2.2	342
38	Regulation of Nrf2-Mediated Phase II Detoxification and Anti-oxidant Genes. <i>Biomolecules and Therapeutics</i> , 2012, 20, 144-151.	2.4	79
39	Regulation of the Keap1/Nrf2 system by chemopreventive sulforaphane: implications of posttranslational modifications. <i>Annals of the New York Academy of Sciences</i> , 2011, 1229, 184-189.	3.8	111
40	Pharmacokinetics and Pharmacodynamics of Broccoli Sprouts on the Suppression of Prostate Cancer in Transgenic Adenocarcinoma of Mouse Prostate (TRAMP) Mice: Implication of Induction of Nrf2, HO-1 and Apoptosis and the Suppression of Akt-dependent Kinase Pathway. <i>Pharmaceutical Research</i> , 2009, 26, 2324-2331.	3.5	101
41	3-Morpholinopropyl isothiocyanate is a novel synthetic isothiocyanate that strongly induces the antioxidant response element-dependent Nrf2-mediated detoxifying/antioxidant enzymes in vitro and in vivo. <i>Carcinogenesis</i> , 2007, 29, 594-599.	2.8	18
42	Mechanism of Action of Sulforaphane: Inhibition of p38 Mitogen-Activated Protein Kinase Isoforms Contributing to the Induction of Antioxidant Response Element-Mediated Heme Oxygenase-1 in Human Hepatoma HepG2 Cells. <i>Cancer Research</i> , 2006, 66, 8804-8813.	0.9	272
43	Induction of Heme Oxygenase-1 (HO-1) and NAD[P]H: Quinone Oxidoreductase 1 (NQO1) by a Phenolic Antioxidant, Butylated Hydroxyanisole (BHA) and Its Metabolite, tert-Butylhydroquinone (tBHQ) in Primary-Cultured Human and Rat Hepatocytes. <i>Pharmaceutical Research</i> , 2006, 23, 2586-2594.	3.5	83
44	ERK and JNK signaling pathways are involved in the regulation of activator protein 1 and cell death elicited by three isothiocyanates in human prostate cancer PC-3 cells. <i>Carcinogenesis</i> , 2006, 27, 437-445.	2.8	163
45	Chemopreventive functions of isothiocyanates. <i>Drug News and Perspectives</i> , 2005, 18, 445.	1.5	83
46	Differential Expression and Stability of Endogenous Nuclear Factor E2-related Factor 2 (Nrf2) by Natural Chemopreventive Compounds in HepG2 Human Hepatoma Cells. <i>BMB Reports</i> , 2005, 38, 167-176.	2.4	94
47	Chemoprevention by isothiocyanates and their underlying molecular signaling mechanisms. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2004, 555, 191-202.	1.0	249
48	Involvement of Nrf2 and JNK1 in the activation of antioxidant responsive element (ARE) by chemopreventive agent phenethyl isothiocyanate (PEITC). <i>Pharmaceutical Research</i> , 2003, 20, 1351-1356.	3.5	139
49	Inhibitory effects of the ginsenoside Rg3 on phorbol ester-induced cyclooxygenase-2 expression, NF- $\kappa$ B activation and tumor promotion. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2003, 523-524, 75-85.	1.0	167
50	Inhibitory effects of curcumin and capsaicin on phorbol ester-induced activation of eukaryotic transcription factors, NF- $\kappa$ B and AP-1. <i>BioFactors</i> , 2000, 12, 107-112.	5.4	120