

NRF2 and cancer: the good, the bad and the importance

Nature Reviews Cancer

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Thiol-Based Redox Switches and Gene Regulation. <i>Antioxidants and Redox Signaling</i> , 2011, 14, 1049-1063.	2.5	326
2	The indirect antioxidant sulforaphane protects against thiopurine-mediated photooxidative stress. <i>Carcinogenesis</i> , 2012, 33, 2457-2466.	1.3	39
3	Biochemistry: A radical treatment. <i>Nature</i> , 2012, 489, S4-S6.	13.7	24
4	Synthetic Oleanane Triterpenoids: Multifunctional Drugs with a Broad Range of Applications for Prevention and Treatment of Chronic Disease. <i>Pharmacological Reviews</i> , 2012, 64, 972-1003.	7.1	344
5	Protective effects of nuclear factor erythroid 2-related factor 2 on whole body heat stress-induced oxidative damage in the mouse testis. <i>Reproductive Biology and Endocrinology</i> , 2013, 11, 23.	1.4	66
6	Redox homeostasis: the linchpin in stem cell self-renewal and differentiation. <i>Cell Death and Disease</i> , 2013, 4, e537-e537.	2.7	222
7	Keap Calm, and Carry on Covalently. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 7463-7476.	2.9	150
8	Antagonistic functional duality of cancer genes. <i>Gene</i> , 2013, 529, 199-207.	1.0	51
9	The Keap1-Nrf2 pathway: Mechanisms of activation and dysregulation in cancer. <i>Redox Biology</i> , 2013, 1, 45-49.	3.9	1,063
10	Curcumin and obesity. <i>BioFactors</i> , 2013, 39, 78-87.	2.6	131
11	Metabolic Regulation by p53 Family Members. <i>Cell Metabolism</i> , 2013, 18, 617-633.	7.2	388
12	Modulation of oxidative stress as an anticancer strategy. <i>Nature Reviews Drug Discovery</i> , 2013, 12, 931-947.	21.5	2,735
13	Cell death and diseases related to oxidative stress:4-hydroxynonenal (HNE) in the balance. <i>Cell Death and Differentiation</i> , 2013, 20, 1615-1630.	5.0	417
14	4-Methoxychalcone Enhances Cisplatin-Induced Oxidative Stress and Cytotoxicity by Inhibiting the Nrf2/ARE-Mediated Defense Mechanism in A549 Lung Cancer Cells. <i>Molecules and Cells</i> , 2013, 36, 340-346.	1.0	40
15	Renal cell carcinoma: translational aspects of metabolism and therapeutic consequences. <i>Kidney International</i> , 2013, 84, 667-681.	2.6	28
16	Phosphorylation of p62 Activates the Keap1-Nrf2 Pathway during Selective Autophagy. <i>Molecular Cell</i> , 2013, 51, 618-631.	4.5	880
17	Proteasome dysfunction in <i>Drosophila</i> signals to an Nrf2-dependent regulatory circuit aiming to restore proteostasis and prevent premature aging. <i>Aging Cell</i> , 2013, 12, 802-813.	3.0	98
18	The transcription factor NF- κ B-related Factor 2 (Nrf2): a protooncogene?. <i>FASEB Journal</i> , 2013, 27, 414-423.	0.2	166

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19	The Gasotransmitter Hydrogen Sulfide Induces Nrf2-Target Genes by Inactivating the Keap1 Ubiquitin Ligase Substrate Adaptor Through Formation of a Disulfide Bond Between Cys-226 and Cys-613. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 465-481.	2.5	189
20	Stress response pathways, toxicity pathways and adverse outcome pathways. <i>Archives of Toxicology</i> , 2013, 87, 13-14.	1.9	44
21	SQSTM1 Is a Pathogenic Target of 5q Copy Number Gains in Kidney Cancer. <i>Cancer Cell</i> , 2013, 24, 738-750.	7.7	135
22	Triptolide, a Chinese herbal extract, enhances drug sensitivity of resistant myeloid leukemia cell lines through downregulation of HIF-1 α and Nrf2. <i>Pharmacogenomics</i> , 2013, 14, 1305-1317.	0.6	35
23	Lung cancer chemoprevention: difficulties, promise and potential agents?. <i>Expert Opinion on Investigational Drugs</i> , 2013, 22, 35-47.	1.9	17
24	Mechanistic links between COPD and lung cancer. <i>Nature Reviews Cancer</i> , 2013, 13, 233-245.	12.8	342
25	Punctum on two different transcription factors regulated by PGC-1 α : Nuclear factor erythroid-derived 2-like 2 and nuclear respiratory factor 2. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 4137-4146.	1.1	96
26	Chemopreventive effects of diverse dietary phytochemicals against DMBA-induced hamster buccal pouch carcinogenesis via the induction of Nrf2-mediated cytoprotective antioxidant, detoxification, and DNA repair enzymes. <i>Biochimie</i> , 2013, 95, 1629-1639.	1.3	62
27	Dimethyl fumarate: a Janus-faced substance?. <i>Expert Opinion on Pharmacotherapy</i> , 2013, 14, 1559-1567.	0.9	27
28	Oncogenic functions of the transcription factor Nrf2. <i>Free Radical Biology and Medicine</i> , 2013, 65, 750-764.	1.3	176
29	Toward clinical application of the Keap1-Nrf2 pathway. <i>Trends in Pharmacological Sciences</i> , 2013, 34, 340-346.	4.0	564
30	Ovarian cancer emerging subtypes: Role of oxidative stress and fibrosis in tumour development and response to treatment. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 1092-1098.	1.2	26
31	Redox Environment, Free Radical, and Oxidative DNA Damage. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 2399-2408.	2.5	101
32	Mesenchymal stroma: primary determinant and therapeutic target for epithelial cancer. <i>Trends in Cell Biology</i> , 2013, 23, 593-602.	3.6	46
33	Apigenin sensitizes doxorubicin-resistant hepatocellular carcinoma BEL-7402/ADM cells to doxorubicin via inhibiting PI3K/Akt/Nrf2 pathway. <i>Carcinogenesis</i> , 2013, 34, 1806-1814.	1.3	145
34	Epigenetic impact of dietary isothiocyanates in cancer chemoprevention. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2013, 16, 405-410.	1.3	68
35	A Negative-Feedback Loop between the Detoxification/Antioxidant Response Factor SKN-1 and Its Repressor WDR-23 Matches Organism Needs with Environmental Conditions. <i>Molecular and Cellular Biology</i> , 2013, 33, 3524-3537.	1.1	7
36	Role of Nrf2 in Cancer Photodynamic Therapy: Regulation of Human ABC Transporter ABCG2. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 3058-3069.	1.6	30

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37	Low-dose triptolide in combination with idarubicin induces apoptosis in AML leukemic stem-like KG1a cell line by modulation of the intrinsic and extrinsic factors. <i>Cell Death and Disease</i> , 2013, 4, e948-e948.	2.7	57
38	ERK and PI3K signaling cascades induce Nrf2 activation and regulate cell viability partly through Nrf2 in human glioblastoma cells. <i>Oncology Reports</i> , 2013, 30, 715-722.	1.2	34
39	Binding of disordered proteins to a protein hub. <i>Scientific Reports</i> , 2013, 3, 2305.	1.6	28
40	SNP (â€“617C>A) in ARE-Like Loci of the NRF2 Gene: A New Biomarker for Prognosis of Lung Adenocarcinoma in Japanese Non-Smoking Women. <i>PLoS ONE</i> , 2013, 8, e73794.	1.1	40
41	The Involvement of NRF2 in Lung Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-10.	1.9	41
42	Resveratrol Suppresses PAI-1 Gene Expression in a Human <i>In Vitro</i> Model of Inflamed Adipose Tissue. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-13.	1.9	29
43	Phytoagents for Cancer Management: Regulation of Nucleic Acid Oxidation, ROS, and Related Mechanisms. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-22.	1.9	81
44	Antagonism by Bioactive Polyphenols Against Inflammation: A Systematic View. <i>Inflammation and Allergy: Drug Targets</i> , 2014, 13, 34-64.	1.8	36
45	HDAC Inhibitors Increase NRF2-Signaling in Tumour Cells and Blunt the Efficacy of Co-Administered Cytotoxic Agents. <i>PLoS ONE</i> , 2014, 9, e114055.	1.1	21
46	Benefits and Risks of the Hormetic Effects of Dietary Isothiocyanates on Cancer Prevention. <i>PLoS ONE</i> , 2014, 9, e114764.	1.1	53
47	Leptin Level and Oxidative Stress Contribute to Obesity-Induced Low Testosterone in Murine Testicular Tissue. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-14.	1.9	91
48	Impact of a complex nutraceutical supplement on primary tumour formation and metastasis in Trp53+ cancer-prone mice. <i>Mutagenesis</i> , 2014, 29, 177-187.	1.0	3
49	A novel Nrf2-miR-29-desmocollin-2 axis regulates desmosome function in keratinocytes. <i>Nature Communications</i> , 2014, 5, 5099.	5.8	58
50	An unexpected alliance between stress responses to drive oncogenesis. <i>Breast Cancer Research</i> , 2014, 16, 471.	2.2	3
51	The Impact of miRNA-Based Molecular Diagnostics and Treatment of NRF2-Stabilized Tumors. <i>Molecular Cancer Research</i> , 2014, 12, 58-68.	1.5	64
52	Epigenetic modification of Nrf2 in 5-fluorouracil-resistant colon cancer cells: involvement of TET-dependent DNA demethylation. <i>Cell Death and Disease</i> , 2014, 5, e1183-e1183.	2.7	126
53	The PTEN/NRF2 Axis Promotes Human Carcinogenesis. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 2498-2514.	2.5	104
54	Cancer-Associated Fibroblasts Expressing CXCL14 Rely upon NOS1-Derived Nitric Oxide Signaling for Their Tumor-Supporting Properties. <i>Cancer Research</i> , 2014, 74, 2999-3010.	0.4	120

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55	Unique Pattern of Component Gene Disruption in the NRF2 Inhibitor KEAP1/CUL3/RBX1 E3-Ubiquitin Ligase Complex in Serous Ovarian Cancer. <i>BioMed Research International</i> , 2014, 2014, 1-10.	0.9	28
56	Genetic polymorphism in the NRF2 gene as a prognosis marker for cancer chemotherapy. <i>Frontiers in Genetics</i> , 2014, 5, 383.	1.1	33
57	Cytoprotection “gone astray’’: Nrf2 and its role in cancer. <i>OncoTargets and Therapy</i> , 2014, 7, 1497.	1.0	57
58	Nuclear Heme Oxygenase-1 (HO-1) Modulates Subcellular Distribution and Activation of Nrf2, Impacting Metabolic and Anti-oxidant Defenses. <i>Journal of Biological Chemistry</i> , 2014, 289, 26882-26894.	1.6	190
59	Activation of Nrf2 in keratinocytes causes chloracne (MADISH)-like skin disease in mice. <i>EMBO Molecular Medicine</i> , 2014, 6, 442-457.	3.3	81
60	Blockage of Nrf2 suppresses the migration and invasion of esophageal squamous cell carcinoma cells in hypoxic microenvironment. <i>Ecological Management and Restoration</i> , 2014, 27, 685-692.	0.2	54
61	Targeting ABL1-Mediated Oxidative Stress Adaptation in Fumarate Hydratase-Deficient Cancer. <i>Cancer Cell</i> , 2014, 26, 840-850.	7.7	87
62	Neurochemical Aspects of Oxidative and Nitrosative Stress. , 2014, , 175-206.		2
63	Transcriptional regulation of the stress response by mTOR. <i>Science Signaling</i> , 2014, 7, re2.	1.6	81
64	Activation of Nrf2 Pathways Correlates with Resistance of NSCLC Cell Lines to CBP501 <i>In Vitro</i> . <i>Molecular Cancer Therapeutics</i> , 2014, 13, 2215-2225.	1.9	10
65	Synthetic Triterpenoids Can Protect against Toxicity without Reducing the Efficacy of Treatment with Carboplatin and Paclitaxel in Experimental Lung Cancer. <i>Dose-Response</i> , 2014, 12, dose-response.1.	0.7	9
66	Oncogenic transformation of mesenchymal stem cells decreases Nrf2 expression favoring in vivo tumor growth and poorer survival. <i>Molecular Cancer</i> , 2014, 13, 20.	7.9	38
67	Detection of PIWI and piRNAs in the mitochondria of mammalian cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2014, 446, 218-223.	1.0	74
68	Reversal of myofibroblast differentiation: A review. <i>European Journal of Pharmacology</i> , 2014, 734, 83-90.	1.7	71
69	A novel fluorometric assay for aldo-keto reductase 1C3 predicts metabolic activation of the nitrogen mustard prodrug PR-104A in human leukaemia cells. <i>Biochemical Pharmacology</i> , 2014, 88, 36-45.	2.0	32
70	MicroRNA/gene profiling unveils early molecular changes and nuclear factor erythroid related factor 2 (NRF2) activation in a rat model recapitulating human hepatocellular carcinoma (HCC). <i>Hepatology</i> , 2014, 59, 228-241.	3.6	107
71	Essential role of PH domain and leucine-rich repeat protein phosphatase 2 in Nrf2 suppression via modulation of Akt/GSK3 β /Fyn kinase axis during oxidative hepatocellular toxicity. <i>Cell Death and Disease</i> , 2014, 5, e1153-e1153.	2.7	58
72	Oncogenic potential of Nrf2 and its principal target protein heme oxygenase-1. <i>Free Radical Biology and Medicine</i> , 2014, 67, 353-365.	1.3	177

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73	A novel small molecule that induces oxidative stress and selectively kills malignant cells. <i>Free Radical Biology and Medicine</i> , 2014, 68, 110-121.	1.3	6
74	NRF2-regulation in brain health and disease: Implication of cerebral inflammation. <i>Neuropharmacology</i> , 2014, 79, 298-306.	2.0	311
75	The role of reactive oxygen species and metabolism on cancer cells and their microenvironment. <i>Seminars in Cancer Biology</i> , 2014, 25, 23-32.	4.3	243
76	An Introduction to Toxicology. , 2014, , .		10
77	Natural product-derived pharmacological modulators of Nrf2/ARE pathway for chronic diseases. <i>Natural Product Reports</i> , 2014, 31, 109-139.	5.2	281
78	Investigation of the intermolecular recognition mechanism between the E3 ubiquitin ligase Keap1 and substrate based on multiple substrates analysis. <i>Journal of Computer-Aided Molecular Design</i> , 2014, 28, 1233-1245.	1.3	25
79	Epigenetic DNA Methylation of Antioxidative Stress Regulator <i>NRF2</i> in Human Prostate Cancer. <i>Cancer Prevention Research</i> , 2014, 7, 1186-1197.	0.7	69
80	Nrf2, the master redox switch: The Achilles' heel of ovarian cancer?. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2014, 1846, 494-509.	3.3	36
81	SAR Studies on Curcumin's Pro-inflammatory Targets: Discovery of Prenylated Pyrazolocurcuminoids as Potent and Selective Novel Inhibitors of 5-Lipoxygenase. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 5638-5648.	2.9	53
82	Salidroside inhibits oxygen glucose deprivation (OGD)/re-oxygenation-induced H9c2 cell necrosis through activating of Akt's Nrf2 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2014, 451, 79-85.	1.0	54
83	Dynamic Changes in Intracellular ROS Levels Regulate Airway Basal Stem Cell Homeostasis through Nrf2-Dependent Notch Signaling. <i>Cell Stem Cell</i> , 2014, 15, 199-214.	5.2	236
84	Danhong Injection Attenuates Ischemia/Reperfusion-Induced Brain Damage Which is Associating with Nrf2 Levels In Vivo and In Vitro. <i>Neurochemical Research</i> , 2014, 39, 1817-1824.	1.6	45
85	Disulfiram targeting lymphoid malignant cell lines via ROS-JNK activation as well as Nrf2 and NF- κ B pathway inhibition. <i>Journal of Translational Medicine</i> , 2014, 12, 163.	1.8	81
86	Emerging Regulatory Paradigms in Glutathione Metabolism. <i>Advances in Cancer Research</i> , 2014, 122, 69-101.	1.9	129
87	p62/SQSTM1 synergizes with autophagy for tumor growth in vivo. <i>Genes and Development</i> , 2014, 28, 1204-1216.	2.7	94
88	Targeting Neddylation Pathways to Inactivate Cullin-RING Ligases for Anticancer Therapy. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 2383-2400.	2.5	174
89	Genetic landscape of esophageal squamous cell carcinoma. <i>Nature Genetics</i> , 2014, 46, 1097-1102.	9.4	600
90	Activated Nrf2 impairs liver regeneration in mice by activation of genes involved in cell-cycle control and apoptosis. <i>Hepatology</i> , 2014, 60, 670-678.	3.6	75

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91	Glucosinolates from pak choi and broccoli induce enzymes and inhibit inflammation and colon cancer differently. <i>Food and Function</i> , 2014, 5, 1073-1081.	2.1	70
92	Discovery of Vinyl Sulfones as a Novel Class of Neuroprotective Agents toward Parkinson's Disease Therapy. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 1473-1487.	2.9	205
93	Discovery of Potent Keap1-Nrf2 Protein-Protein Interaction Inhibitor Based on Molecular Binding Determinants Analysis. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 2736-2745.	2.9	193
94	Intronic DNA elements regulate Nrf2 chemical responsiveness of the human microsomal epoxide hydrolase gene (EPHX1) through a far upstream alternative promoter. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2014, 1839, 493-505.	0.9	11
95	ROS Function in Redox Signaling and Oxidative Stress. <i>Current Biology</i> , 2014, 24, R453-R462.	1.8	4,622
97	Inhibition of NRF2 by PIK-75 augments sensitivity of pancreatic cancer cells to gemcitabine. <i>International Journal of Oncology</i> , 2014, 44, 959-969.	1.4	51
98	Mitochondrial reactive oxygen species and cancer. <i>Cancer & Metabolism</i> , 2014, 2, 17.	2.4	574
99	Redox-directed cancer therapeutics: Taurolidine and Piperlongumine as broadly effective antineoplastic agents (Review). <i>International Journal of Oncology</i> , 2014, 45, 1329-1336.	1.4	34
100	LAPTM4B is associated with poor prognosis in NSCLC and promotes the NRF2-mediated stress response pathway in lung cancer cells. <i>Scientific Reports</i> , 2015, 5, 13846.	1.6	15
101	Nrf2 in health and disease: current and future clinical implications. <i>Clinical Science</i> , 2015, 129, 989-999.	1.8	101
102	Association of Oxidative Stress and Lipids with Risk Factors of Metabolic Syndrome. , 2015, , 384-407.		0
103	Nuclear factor, erythroid 2-like 2-associated molecular signature predicts lung cancer survival. <i>Scientific Reports</i> , 2015, 5, 16889.	1.6	39
104	Disruption of KEAP1/CUL3/RBX1 E3-ubiquitin ligase complex components by multiple genetic mechanisms: Association with poor prognosis in head and neck cancer. <i>Head and Neck</i> , 2015, 37, 727-734.	0.9	56
105	Nrf2, but not β -catenin, mutation represents an early event in rat hepatocarcinogenesis. <i>Hepatology</i> , 2015, 62, 851-862.	3.6	81
106	Molecular pathways in renal cell carcinoma. <i>Current Opinion in Oncology</i> , 2015, 27, 217-223.	1.1	43
107	Bardoxolone methyl induces apoptosis and autophagy and inhibits epithelial-to-mesenchymal transition and stemness in esophageal squamous cancer cells. <i>Drug Design, Development and Therapy</i> , 2015, 9, 993.	2.0	23
108	Sulforaphane (SFN): An Isothiocyanate in a Cancer Chemoprevention Paradigm. <i>Medicines (Basel)</i> , 2015, 4, 40.	0.7	40
109	Antioxidant and Anti-Inflammatory Activities of a Natural Compound, Shizukahenriol, through Nrf2 Activation. <i>Molecules</i> , 2015, 20, 15989-16003.	1.7	29

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110	RTA 408, A Novel Synthetic Triterpenoid with Broad Anticancer and Anti-Inflammatory Activity. PLoS ONE, 2015, 10, e0122942.	1.1	63
111	The Crosstalk between Nrf2 and TGF- β 1 in the Epithelial-Mesenchymal Transition of Pancreatic Duct Epithelial Cells. PLoS ONE, 2015, 10, e0132978.	1.1	48
112	Functional Role of NRF2 in Cervical Carcinogenesis. PLoS ONE, 2015, 10, e0133876.	1.1	48
113	ROS/Autophagy/Nrf2 Pathway Mediated Low-Dose Radiation Induced Radio-Resistance in Human Lung Adenocarcinoma A549 Cell. International Journal of Biological Sciences, 2015, 11, 833-844.	2.6	82
114	Curcumin ameliorates asthmatic airway inflammation by activating nuclear factor- κ B-related factor 2/haem oxygenase (HO-1) signalling pathway. Clinical and Experimental Pharmacology and Physiology, 2015, 42, 520-529.	0.9	68
115	Dimethyl fumarate and the oleanane triterpenoids, CDDO-imidazolide and CDDO-methyl ester, both activate the Nrf2 pathway but have opposite effects in the A/J model of lung carcinogenesis. Carcinogenesis, 2015, 36, 769-781.	1.3	59
116	Sigma 1 receptor regulates the oxidative stress response in primary retinal Müller glial cells via NRF2 signaling and system x $_{c}^{-}$, the Na $^{+}$ -independent glutamate-cystine exchanger. Free Radical Biology and Medicine, 2015, 86, 25-36.	1.3	109
117	Nrf2 Activation Promotes Keratinocyte Survival during Early Skin Carcinogenesis via Metabolic Alterations. Cancer Research, 2015, 75, 4817-4829.	0.4	40
118	Oxidative stress and cell damage in a model of precancerous lesions and advanced hepatocellular carcinoma in rats. Toxicology Reports, 2015, 2, 333-340.	1.6	22
119	EGFR mediates astragaloside IV-induced Nrf2 activation to protect cortical neurons against in vitro ischemia/reperfusion damages. Biochemical and Biophysical Research Communications, 2015, 457, 391-397.	1.0	80
120	NRF2-driven miR-125B1 and miR-29B1 transcriptional regulation controls a novel anti-apoptotic miRNA regulatory network for AML survival. Cell Death and Differentiation, 2015, 22, 654-664.	5.0	58
121	Nrf2 is essential for timely M phase entry of replicating hepatocytes during liver regeneration. American Journal of Physiology - Renal Physiology, 2015, 308, G262-G268.	1.6	32
122	Non-thermal Plasma Activates Human Keratinocytes by Stimulation of Antioxidant and Phase II Pathways. Journal of Biological Chemistry, 2015, 290, 6731-6750.	1.6	116
123	Contact-Dependent Depletion of Hydrogen Peroxide by Catalase Is a Novel Mechanism of Myeloid-Derived Suppressor Cell Induction Operating in Human Hepatic Stellate Cells. Journal of Immunology, 2015, 194, 2578-2586.	0.4	18
124	The marine n-3 PUFA DHA evokes cytoprotection against oxidative stress and protein misfolding by inducing autophagy and NFE2L2 in human retinal pigment epithelial cells. Autophagy, 2015, 11, 1636-1651.	4.3	83
125	The complexity of the Nrf2 pathway: beyond the antioxidant response. Journal of Nutritional Biochemistry, 2015, 26, 1401-1413.	1.9	325
126	Inflammation and Lung Cancer: Molecular Pathology. , 2015, , 69-93.		0
127	Inflammation and Lung Cancer: Prevention. , 2015, , 95-136.		0

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128	Inflammation and Lung Cancer. , 2015, , .		2
129	Discovery and Modification of in Vivo Active Nrf2 Activators with 1,2,4-Oxadiazole Core: Hits Identification and Structure-Activity Relationship Study. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5419-5436.	2.9	48
130	Redox modulation of adipocyte differentiation: hypothesis of "Redox Chain" and novel insights into intervention of adipogenesis and obesity. <i>Free Radical Biology and Medicine</i> , 2015, 89, 99-125.	1.3	50
131	Dietary Î³-Tocopherol-Rich Mixture Inhibits Estrogen-Induced Mammary Tumorigenesis by Modulating Estrogen Metabolism, Antioxidant Response, and PPARÎ³. <i>Cancer Prevention Research</i> , 2015, 8, 807-816.	0.7	30
132	Synergy between sulforaphane and selenium in protection against oxidative damage in colonic CCD841 cells. <i>Nutrition Research</i> , 2015, 35, 610-617.	1.3	22
133	Epigenetic regulation of Keap1-Nrf2 signaling. <i>Free Radical Biology and Medicine</i> , 2015, 88, 337-349.	1.3	187
134	Discovery of oxime-bearing naphthalene derivatives as a novel structural type of Nrf2 activators. <i>Bioorganic and Medicinal Chemistry</i> , 2015, 23, 3852-3859.	1.4	8
135	Heme oxygenase-1: emerging target of cancer therapy. <i>Journal of Biomedical Science</i> , 2015, 22, 22.	2.6	197
136	Kaposi's Sarcoma-Associated Herpesvirus Induces Nrf2 Activation in Latently Infected Endothelial Cells through SQSTM1 Phosphorylation and Interaction with Polyubiquitinated Keap1. <i>Journal of Virology</i> , 2015, 89, 2268-2286.	1.5	34
137	Structural and functional characterization of Nrf2 degradation by glycogen synthase kinase 3Î²-TrCP. <i>Free Radical Biology and Medicine</i> , 2015, 88, 147-157.	1.3	196
138	LKB1 Inactivation Elicits a Redox Imbalance to Modulate Non-small Cell Lung Cancer Plasticity and Therapeutic Response. <i>Cancer Cell</i> , 2015, 27, 698-711.	7.7	118
139	SoNar, a Highly Responsive NAD ⁺ /NADH Sensor, Allows High-Throughput Metabolic Screening of Anti-tumor Agents. <i>Cell Metabolism</i> , 2015, 21, 777-789.	7.2	311
140	Nrf2-A regulator of keratinocyte redox signaling. <i>Free Radical Biology and Medicine</i> , 2015, 88, 243-252.	1.3	143
141	Targeting Nrf2 in healthy and malignant ovarian epithelial cells: Protection versus promotion. <i>Molecular Oncology</i> , 2015, 9, 1259-1273.	2.1	17
142	NRF2/KEAP1 and Wnt/Î²-catenin in the multistep process of liver carcinogenesis in humans and rats. <i>Hepatology</i> , 2015, 62, 677-679.	3.6	20
143	Nrf2 status affects tumor growth, HDAC3 gene promoter associations, and the response to sulforaphane in the colon. <i>Clinical Epigenetics</i> , 2015, 7, 102.	1.8	54
144	Genome-Wide Identification and Characterization of Novel Factors Conferring Resistance to Topoisomerase II Poisons in Cancer. <i>Cancer Research</i> , 2015, 75, 4176-4187.	0.4	59
145	Antioncogenic and Oncogenic Properties of Nrf2 in Arsenic-induced Carcinogenesis. <i>Journal of Biological Chemistry</i> , 2015, 290, 27090-27100.	1.6	28

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146	Novel Nrf2/ARE Activator, <i>trans</i> -Coniferylaldehyde, Induces a HO-1-Mediated Defense Mechanism through a Dual p38 β /MAPKAPK-2 and PK-N3 Signaling Pathway. <i>Chemical Research in Toxicology</i> , 2015, 28, 1681-1692.	1.7	26
147	Escin activates AKT-Nrf2 signaling to protect retinal pigment epithelium cells from oxidative stress. <i>Biochemical and Biophysical Research Communications</i> , 2015, 468, 541-547.	1.0	28
148	Targeting oxidant-dependent mechanisms for the treatment of COPD and its comorbidities. , 2015, 155, 60-79.		78
149	Lysophosphatidate signaling stabilizes Nrf2 and increases the expression of genes involved in drug resistance and oxidative stress responses: implications for cancer treatment. <i>FASEB Journal</i> , 2015, 29, 772-785.	0.2	83
150	Breast cancer chemoprevention by dietary natural phenolic compounds: Specific epigenetic related molecular targets. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 21-35.	1.5	35
151	Mangiferin activates the Nrf2-ARE pathway and reduces etoposide-induced DNA damage in human umbilical cord mononuclear blood cells. <i>Pharmaceutical Biology</i> , 2015, 53, 503-511.	1.3	20
152	Keap1/Nrf2 impairing revised: are we missing the single nucleotide polymorphisms?. <i>Journal of Thoracic Disease</i> , 2016, 8, E1752-E1754.	0.6	5
153	NRF2, a Key Regulator of Antioxidants with Two Faces towards Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-7.	1.9	75
154	Nrf2 Contributes to the Poor Prognosis and Chemoresistance. , 2016, , .		2
155	Brusatol Enhances the Radiosensitivity of A549 Cells by Promoting ROS Production and Enhancing DNA Damage. <i>International Journal of Molecular Sciences</i> , 2016, 17, 997.	1.8	74
156	Reduced mRNA expression levels of NFE2L2 are associated with poor outcome in breast cancer patients. <i>BMC Cancer</i> , 2016, 16, 821.	1.1	22
157	Dietary Carotenoids for Reduction of Cancer Risk. <i>Studies in Natural Products Chemistry</i> , 2016, , 223-251.	0.8	4
158	Resveratrol-loaded Nanoparticles Induce Antioxidant Activity against Oxidative Stress. <i>Asian-Australasian Journal of Animal Sciences</i> , 2016, 29, 288-298.	2.4	32
159	The Hallmarks of Cancer from a Redox Perspective. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 300-325.	2.5	82
160	Metabolic, autophagic, and mitophagic activities in cancer initiation and progression. <i>Biomedical Journal</i> , 2016, 39, 98-106.	1.4	23
161	The Keap1-Nrf2-ARE Pathway As a Potential Preventive and Therapeutic Target: An Update. <i>Medicinal Research Reviews</i> , 2016, 36, 924-963.	5.0	562
162	Paracrine Induction of HIF by Glutamate in Breast Cancer: EglN1 Senses Cysteine. <i>Cell</i> , 2016, 166, 126-139.	13.5	187
163	Inflammation related responses of intestinal cells to plum and cabbage digesta with differential carotenoid and polyphenol profiles following simulated gastrointestinal digestion. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 992-1005.	1.5	40

#	ARTICLE	IF	CITATIONS
164	Election 2016: Voting on Variants. <i>Cancer Discovery</i> , 2016, 6, 694-696.	7.7	0
165	Accumulation of phosphorylated p62 is associated with NF-E2-related factor 2 activation in hepatocellular carcinoma. <i>Journal of Hepato-Biliary-Pancreatic Sciences</i> , 2016, 23, 467-471.	1.4	24
166	An overview on the role of dietary phenolics for the treatment of cancers. <i>Nutrition Journal</i> , 2016, 15, 99.	1.5	323
167	Regulation of Keap1-Nrf2 signaling: The role of epigenetics. <i>Current Opinion in Toxicology</i> , 2016, 1, 134-138.	2.6	52
168	Rising levels of atmospheric oxygen and evolution of Nrf2. <i>Scientific Reports</i> , 2016, 6, 27740.	1.6	52
169	Chronic oxidative stress promotes H2O ₂ protein degradation and enhances chemosensitivity in breast cancer patients. <i>EMBO Molecular Medicine</i> , 2016, 8, 527-549.	3.3	126
170	Red meat and colorectal cancer: Nrf2-dependent antioxidant response contributes to the resistance of preneoplastic colon cells to fecal water of hemoglobin- and beef-fed rats. <i>Carcinogenesis</i> , 2016, 37, 635-645.	1.3	34
171	5MeCDDO Blocks Metabolic Activation but not Progression of Breast, Intestine, and Tongue Cancers. Is Antioxidant Response Element a Prevention Target?. <i>Cancer Prevention Research</i> , 2016, 9, 616-623.	0.7	6
172	Autocrine and Paracrine Regulation of Keratinocyte Proliferation through a Novel Nrf2-IL-36 β Pathway. <i>Journal of Immunology</i> , 2016, 196, 4663-4670.	0.4	14
173	Targeted Inhibition of Glutamine-Dependent Glutathione Metabolism Overcomes Death Resistance Induced by Chronic Cycling Hypoxia. <i>Antioxidants and Redox Signaling</i> , 2016, 25, 89-107.	2.5	47
174	Activation of the p62-Keap1-NRF2 pathway protects against ferroptosis in hepatocellular carcinoma cells. <i>Hepatology</i> , 2016, 63, 173-184.	3.6	1,263
175	Glutathione biosynthesis is a metabolic vulnerability in PI(3)K/Akt-driven breast cancer. <i>Nature Cell Biology</i> , 2016, 18, 572-578.	4.6	197
176	Progress and Prospects of Reactive Oxygen Species in Metal Carcinogenesis. <i>Current Pharmacology Reports</i> , 2016, 2, 178-186.	1.5	36
177	Expression of nuclear factor, erythroid 2-like 2-mediated genes differentiates tuberculosis. <i>Tuberculosis</i> , 2016, 99, 56-62.	0.8	30
178	Therapeutic Potential for Modulation of Nrf2-Keap-1 Signaling Pathway as Treatment for Diabetes and Other Disorders. <i>ACS Medicinal Chemistry Letters</i> , 2016, 7, 660-661.	1.3	1
179	Nrf2 Induces IL-17D to Mediate Tumor and Virus Surveillance. <i>Cell Reports</i> , 2016, 16, 2348-2358.	2.9	107
180	Squamous Transition of Lung Adenocarcinoma and Drug Resistance. <i>Trends in Cancer</i> , 2016, 2, 463-466.	3.8	23
181	Discovery and Development of Kelch-like ECH-Associated Protein 1. Nuclear Factor Erythroid 2-Related Factor 2 (KEAP1:NRF2) Protein-Protein Interaction Inhibitors: Achievements, Challenges, and Future Directions. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 10837-10858.	2.9	88

#	ARTICLE	IF	CITATIONS
182	Regulation of the Keap1-Nrf2 pathway by p62/SQSTM1. <i>Current Opinion in Toxicology</i> , 2016, 1, 54-61.	2.6	124
183	Altered metabolite levels in cancer: implications for tumour biology and cancer therapy. <i>Nature Reviews Cancer</i> , 2016, 16, 680-693.	12.8	306
184	Different roles of ROS and Nrf2 in Cr(VI)-induced inflammatory responses in normal and Cr(VI)-transformed cells. <i>Toxicology and Applied Pharmacology</i> , 2016, 307, 81-90.	1.3	26
185	The prospect of precision therapy for renal cell carcinoma. <i>Cancer Treatment Reviews</i> , 2016, 49, 37-44.	3.4	46
186	Oxidative Stress, Inflammation, and Disease. , 2016, , 35-58.		104
187	<sc>COPD</sc> and squamous cell lung cancer: aberrant inflammation and immunity is the common link. <i>British Journal of Pharmacology</i> , 2016, 173, 635-648.	2.7	95
188	The origin and future of oxidative stress pathology: From the recognition of carcinogenesis as an iron addiction with ferroptosis-resistance to non-thermal plasma therapy. <i>Pathology International</i> , 2016, 66, 245-259.	0.6	90
189	Nrf2 Modulates Host Defense during <i>Streptococcus pneumoniae</i> Pneumonia in Mice. <i>Journal of Immunology</i> , 2016, 197, 2864-2879.	0.4	36
190	Targeting Nrf2 with wogonin overcomes cisplatin resistance in head and neck cancer. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2016, 21, 1265-1278.	2.2	64
191	The role of precision medicine for the treatment of metastatic renal cell carcinoma. <i>Expert Review of Precision Medicine and Drug Development</i> , 2016, 1, 369-377.	0.4	2
192	The dual role of ROS, antioxidants and autophagy in cancer. <i>Biomedical Journal</i> , 2016, 39, 89-92.	1.4	11
193	Dietary Phytochemicals and Cancer Chemoprevention: A Perspective on Oxidative Stress, Inflammation, and Epigenetics. <i>Chemical Research in Toxicology</i> , 2016, 29, 2071-2095.	1.7	77
194	The Essential Role of H19 Contributing to Cisplatin Resistance by Regulating Glutathione Metabolism in High-Grade Serous Ovarian Cancer. <i>Scientific Reports</i> , 2016, 6, 26093.	1.6	116
195	Dichotomous roles of TGF- β 2 in human cancer. <i>Biochemical Society Transactions</i> , 2016, 44, 1441-1454.	1.6	91
196	Clinical implication of Keap1 and phosphorylated Nrf2 expression in hepatocellular carcinoma. <i>Cancer Medicine</i> , 2016, 5, 2678-2687.	1.3	30
197	p62/SQSTM1 "Dr. Jekyll and Mr. Hyde" that prevents oxidative stress but promotes liver cancer. <i>FEBS Letters</i> , 2016, 590, 2375-2397.	1.3	104
198	3H-1,2-dithiole-3-thione protects retinal pigment epithelium cells against Ultra-violet radiation via activation of Akt-mTORC1-dependent Nrf2-HO-1 signaling. <i>Scientific Reports</i> , 2016, 6, 25525.	1.6	74
199	CDDO and Its Role in Chronic Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2016, 929, 291-314.	0.8	16

#	ARTICLE	IF	CITATIONS
200	Synthesis of Keap1-phosphorylated p62 and Keap1-Nrf2 protein-protein interaction inhibitors and their inhibitory activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 5956-5959.	1.0	39
201	Phytomedicineâ€™Modulating oxidative stress and the tumor microenvironment for cancer therapy. <i>Pharmacological Research</i> , 2016, 114, 128-143.	3.1	71
202	Hepatocellular carcinoma. <i>Nature Reviews Disease Primers</i> , 2016, 2, 16018.	18.1	1,863
203	Dual activities of the anti-cancer drug candidate PBI-05204 provide neuroprotection in brain slice models for neurodegenerative diseases and stroke. <i>Scientific Reports</i> , 2016, 6, 25626.	1.6	14
204	Drug Discovery from Mother Nature. <i>Advances in Experimental Medicine and Biology</i> , 2016, , .	0.8	8
205	p62/Sqstm1 promotes malignancy of HCV-positive hepatocellular carcinoma through Nrf2-dependent metabolic reprogramming. <i>Nature Communications</i> , 2016, 7, 12030.	5.8	253
206	T-REX on-demand redox targeting in live cells. <i>Nature Protocols</i> , 2016, 11, 2328-2356.	5.5	62
207	Exposure to mercuric chloride induces developmental damage, oxidative stress and immunotoxicity in zebrafish embryos-larvae. <i>Aquatic Toxicology</i> , 2016, 181, 76-85.	1.9	81
208	Colonic Lamina Propria Inflammatory Cells from Patients with IBD Induce the Nuclear Factor-E2 Related Factor-2 Thereby Leading to Greater Proteasome Activity and Apoptosis Protection in Human Colonocytes. <i>Inflammatory Bowel Diseases</i> , 2016, 22, 2593-2606.	0.9	21
209	Acute exercise stress promotes Ref1/Nrf2 signalling and increases mitochondrial antioxidant activity in skeletal muscle. <i>Experimental Physiology</i> , 2016, 101, 410-420.	0.9	65
210	The Dual Roles of NRF2 in Cancer. <i>Trends in Molecular Medicine</i> , 2016, 22, 578-593.	3.5	508
211	Multilevel Genomics-Based Taxonomy of Renal Cell Carcinoma. <i>Cell Reports</i> , 2016, 14, 2476-2489.	2.9	298
212	Emerging role of NRF2 in chemoresistance by regulating drug-metabolizing enzymes and efflux transporters. <i>Drug Metabolism Reviews</i> , 2016, 48, 541-567.	1.5	125
213	Discovery and development of natural product oridonin-inspired anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 122, 102-117.	2.6	132
214	Novel insights into redox system and the mechanism of redox regulation. <i>Molecular Biology Reports</i> , 2016, 43, 607-628.	1.0	61
215	The anti-oxidative transcription factor Nuclear factor E2 related factor-2 (Nrf2) counteracts TGF-Î²1 mediated growth inhibition of pancreatic ductal epithelial cells -Nrf2 as determinant of pro-tumorigenic functions of TGF-Î²1. <i>BMC Cancer</i> , 2016, 16, 155.	1.1	17
216	Radical nephrectomy and regional lymph node dissection for locally advanced type 2 papillary renal cell carcinoma in an at-risk individual from a family with hereditary leiomyomatosis and renal cell cancer: a case report. <i>BMC Cancer</i> , 2016, 16, 232.	1.1	14
217	Redox homeostasis: The Golden Mean of healthy living. <i>Redox Biology</i> , 2016, 8, 205-215.	3.9	300

#	ARTICLE	IF	CITATIONS
218	Nrf2 activation in the treatment of neurodegenerative diseases: a focus on its role in mitochondrial bioenergetics and function. <i>Biological Chemistry</i> , 2016, 397, 383-400.	1.2	128
219	Integrated data analysis reveals uterine leiomyoma subtypes with distinct driver pathways and biomarkers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 1315-1320.	3.3	166
220	Transcriptional profiling revealed the anti-proliferative effect of MFN2 deficiency and identified risk factors in lung adenocarcinoma. <i>Tumor Biology</i> , 2016, 37, 8643-8655.	0.8	10
221	The Emerging Hallmarks of Cancer Metabolism. <i>Cell Metabolism</i> , 2016, 23, 27-47.	7.2	3,943
222	MutationAligner: a resource of recurrent mutation hotspots in protein domains in cancer. <i>Nucleic Acids Research</i> , 2016, 44, D986-D991.	6.5	21
223	Binding of Disordered Peptides to Kelch: Insights from Enhanced Sampling Simulations. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 395-404.	2.3	23
224	Genomic Landscape of Esophageal Squamous Cell Carcinoma in a Japanese Population. <i>Gastroenterology</i> , 2016, 150, 1171-1182.	0.6	265
225	Expression of the Nrf2 and Keap1 proteins and their clinical significance in osteosarcoma. <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 42-46.	1.0	19
226	The Nrf2 Activator Vinylsulfone Reduces High Glucose-Induced Neural Tube Defects by Suppressing Cellular Stress and Apoptosis. <i>Reproductive Sciences</i> , 2016, 23, 993-1000.	1.1	21
227	Using Sensors and Generators of H ₂ O ₂ to Elucidate the Toxicity Mechanism of Piperlongumine and Phenethyl Isothiocyanate. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 924-938.	2.5	20
228	Paradoxical Roles of Antioxidant Enzymes: Basic Mechanisms and Health Implications. <i>Physiological Reviews</i> , 2016, 96, 307-364.	13.1	283
229	Comprehensive Molecular Characterization of Papillary Renal-Cell Carcinoma. <i>New England Journal of Medicine</i> , 2016, 374, 135-145.	13.9	1,040
230	Uncovering metabolism in rhabdomyosarcoma. <i>Cell Cycle</i> , 2016, 15, 184-195.	1.3	17
231	Pharmacophore model prediction, 3D-QSAR and molecular docking studies on vinyl sulfones targeting Nrf2-mediated gene transcription intended for anti-Parkinson drug design. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 1282-1297.	2.0	40
232	An Aggressive Subtype of Stage I Lung Adenocarcinoma with Molecular and Prognostic Characteristics Typical of Advanced Lung Cancers. <i>Clinical Cancer Research</i> , 2017, 23, 62-72.	3.2	36
233	Genetic variants involved in oxidative stress, base excision repair, DNA methylation, and folate metabolism pathways influence myeloid neoplasias susceptibility and prognosis. <i>Molecular Carcinogenesis</i> , 2017, 56, 130-148.	1.3	15
234	4-Hydroxynonenal metabolites and adducts in pre-carcinogenic conditions and cancer. <i>Free Radical Biology and Medicine</i> , 2017, 111, 196-208.	1.3	55
235	The see-saw of Keap1-Nrf2 pathway in cancer. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 116, 89-98.	2.0	52

#	ARTICLE	IF	CITATIONS
236	KEAP1 and done? Targeting the NRF2 pathway with sulforaphane. Trends in Food Science and Technology, 2017, 69, 257-269.	7.8	196
237	Identification of a unique gene expression signature in mercury and 2,3,7,8-tetrachlorodibenzo-p-dioxin co-exposed cells. Toxicology Research, 2017, 6, 312-323.	0.9	9
238	Iron and thiol redox signaling in cancer: An exquisite balance to escape ferroptosis. Free Radical Biology and Medicine, 2017, 108, 610-626.	1.3	180
239	Controversy about pharmacological modulation of Nrf2 for cancer therapy. Redox Biology, 2017, 12, 727-732.	3.9	114
240	NRF2 Induction Supporting Breast Cancer Cell Survival Is Enabled by Oxidative Stress-Induced DPP3-KEAP1 Interaction. Cancer Research, 2017, 77, 2881-2892.	0.4	138
241	Protection from Cr(VI)-induced malignant cell transformation and tumorigenesis of Cr(VI)-transformed cells by luteolin through Nrf2 signaling. Toxicology and Applied Pharmacology, 2017, 331, 24-32.	1.3	25
242	A clinical drug library screen identifies clobetasol propionate as an NRF2 inhibitor with potential therapeutic efficacy in KEAP1 mutant lung cancer. Oncogene, 2017, 36, 5285-5295.	2.6	87
243	Oxidative Stress. Annual Review of Biochemistry, 2017, 86, 715-748.	5.0	2,180
244	Sabotaging of the oxidative stress response by an oncogenic noncoding RNA. FASEB Journal, 2017, 31, 482-490.	0.2	9
245	The role of Nrf2-Keap1 axis in colorectal cancer, progression, and chemoresistance. Tumor Biology, 2017, 39, 101042831770551.	0.8	47
246	MicroRNA-34a Encapsulated in Hyaluronic Acid Nanoparticles Induces Epigenetic Changes with Altered Mitochondrial Bioenergetics and Apoptosis in Non-Small-Cell Lung Cancer Cells. Scientific Reports, 2017, 7, 3636.	1.6	28
247	Disulfiram/copper selectively eradicates AML leukemia stem cells in vitro and in vivo by simultaneous induction of ROS-JNK and inhibition of NF- κ B and Nrf2. Cell Death and Disease, 2017, 8, e2797-e2797.	2.7	103
248	Aeroallergens Induce Reactive Oxygen Species Production and DNA Damage and Dampen Antioxidant Responses in Bronchial Epithelial Cells. Journal of Immunology, 2017, 199, 39-47.	0.4	41
249	Allelic imbalance of somatic mutations in cancer genomes and transcriptomes. Scientific Reports, 2017, 7, 1653.	1.6	31
250	Chrysin loaded nanostructured lipid carriers (NLCs) triggers apoptosis in MCF-7 cancer cells by inhibiting the Nrf2 pathway. Process Biochemistry, 2017, 60, 84-91.	1.8	36
251	Multifaceted Roles of Glutathione and Glutathione-Based Systems in Carcinogenesis and Anticancer Drug Resistance. Antioxidants and Redox Signaling, 2017, 27, 1217-1234.	2.5	79
252	Genomic analysis of oesophageal squamous-cell carcinoma identifies alcohol drinking-related mutation signature and genomic alterations. Nature Communications, 2017, 8, 15290.	5.8	195
253	Perspectives of the Nrf-2 signaling pathway in cancer progression and therapy. Toxicology Reports, 2017, 4, 306-318.	1.6	108

#	ARTICLE	IF	CITATIONS
254	Contradictory roles of Nrf2/Keap1 signaling pathway in cancer prevention/promotion and chemoresistance. <i>DNA Repair</i> , 2017, 54, 13-21.	1.3	69
255	Nuclear factor erythroid 2-related factor 2 enhances carcinogenesis by suppressing apoptosis and promoting autophagy in nickel-transformed cells. <i>Journal of Biological Chemistry</i> , 2017, 292, 8315-8330.	1.6	20
256	Effect of natural and semi-synthetic cadinanes from <i>Heterotheca inuloides</i> on NF- κ B, Nrf2 and STAT3 signaling pathways and evaluation of their in vitro cytotoxicity in human cancer cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 3135-3147.	1.4	7
257	Sigma Receptors: Their Role in Disease and as Therapeutic Targets. <i>Advances in Experimental Medicine and Biology</i> , 2017, , .	0.8	16
258	The Role of Sigma 1 Receptor as a Neuroprotective Target in Glaucoma. <i>Advances in Experimental Medicine and Biology</i> , 2017, 964, 299-307.	0.8	10
259	Resveratrol regulates gene transcription via activation of stimulus-responsive transcription factors. <i>Pharmacological Research</i> , 2017, 117, 166-176.	3.1	49
260	Nrf2 exerts cell-autonomous antifibrotic effects: compromised function in systemic sclerosis and therapeutic rescue with a novel heterocyclic chalcone derivative. <i>Translational Research</i> , 2017, 183, 71-86.e1.	2.2	27
261	Nrf2 inhibition reverses the resistance of cisplatin-resistant head and neck cancer cells to artesunate-induced ferroptosis. <i>Redox Biology</i> , 2017, 11, 254-262.	3.9	433
262	Autophagy in the liver: functions in health and disease. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2017, 14, 170-184.	8.2	384
263	Oxidative stress controls regulatory T cell apoptosis and suppressor activity and PD-L1-blockade resistance in tumor. <i>Nature Immunology</i> , 2017, 18, 1332-1341.	7.0	508
264	Alpinumisoflavone radiosensitizes esophageal squamous cell carcinoma through inducing apoptosis and cell cycle arrest. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 199-206.	2.5	29
265	Diminished stress resistance and defective adaptive homeostasis in age-related diseases. <i>Clinical Science</i> , 2017, 131, 2573-2599.	1.8	32
266	Triclosan Disrupts SKN-1/Nrf2-Mediated Oxidative Stress Response in <i>C. elegans</i> and Human Mesenchymal Stem Cells. <i>Scientific Reports</i> , 2017, 7, 12592.	1.6	36
267	Clinical Trials for Specific Renal Cancer Subtypesâ€”The Time Will Come!. <i>European Urology Supplements</i> , 2017, 16, 241-252.	0.1	2
268	Autophagy in the â€œinflammation-carcinogenesisâ€•pathway of liver and HCC immunotherapy. <i>Cancer Letters</i> , 2017, 411, 82-89.	3.2	54
269	Overexpressed somatic alleles are enriched in functional elements in Breast Cancer. <i>Scientific Reports</i> , 2017, 7, 8287.	1.6	3
270	Chemical Proteomics Identifies Druggable Vulnerabilities in a Genetically Defined Cancer. <i>Cell</i> , 2017, 171, 696-709.e23.	13.5	204
271	iASPP Is an Antioxidative Factor and Drives Cancer Growth and Drug Resistance by Competing with Nrf2 for Keap1 Binding. <i>Cancer Cell</i> , 2017, 32, 561-573.e6.	7.7	130

#	ARTICLE	IF	CITATIONS
272	Regulation of cell signaling pathways by dietary agents for cancer prevention and treatment. <i>Seminars in Cancer Biology</i> , 2017, 46, 158-181.	4.3	57
273	Nrf2-pxoiredoxin I axis in polymorphous adenocarcinoma is associated with low matrix metalloproteinase 2 level. <i>Virchows Archiv Fur Pathologische Anatomie Und Physiologie Und Fur Klinische Medizin</i> , 2017, 471, 793-798.	1.4	1
274	Camptothecin suppresses NRF2-ARE activity and sensitises hepatocellular carcinoma cells to anticancer drugs. <i>British Journal of Cancer</i> , 2017, 117, 1495-1506.	2.9	54
275	Attenuation of Antioxidant Capacity in Human Breast Cancer Cells by Carbon Monoxide through Inhibition of Cystathionine β -Synthase Activity: Implications in Chemotherapeutic Drug Sensitivity. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 8000-8010.	2.9	58
276	β -TrCP1 Is a Vacillatory Regulator of Wnt Signaling. <i>Cell Chemical Biology</i> , 2017, 24, 944-957.e7.	2.5	39
277	Perioperative stroke as a predictor of mortality and morbidity in patients undergoing CABG. <i>Journal of Clinical Neuroscience</i> , 2017, 44, 175-179.	0.8	12
279	Molecular recognition between potential natural inhibitors of the Keap1-Nrf2 complex. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 981-992.	3.6	23
280	Molecular Pathogenesis of Liver Injury in Hereditary Tyrosinemia 1. <i>Advances in Experimental Medicine and Biology</i> , 2017, 959, 49-64.	0.8	13
281	Pan-urolologic cancer genomic subtypes that transcend tissue of origin. <i>Nature Communications</i> , 2017, 8, 199.	5.8	49
282	The emerging roles of the ubiquitination/deubiquitination system in tumor radioresistance regarding DNA damage responses, cell cycle regulation, hypoxic responses, and antioxidant properties: Insight into the development of novel radiosensitizing strategies. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2017, 803-805, 76-81.	0.4	12
283	Overexpression of NRF2 is correlated with prognoses of patients with malignancies: meta-analysis. <i>Thoracic Cancer</i> , 2017, 8, 558-564.	0.8	12
284	Development of an <i>in Vitro</i> -Based Risk Assessment Framework for Predicting Ambient Particulate Matter-Bound Polycyclic Aromatic Hydrocarbon-Activated Toxicity Pathways. <i>Environmental Science & Technology</i> , 2017, 51, 14262-14272.	4.6	20
285	Friend or foe? Mitochondria as a pharmacological target in cancer treatment. <i>Future Medicinal Chemistry</i> , 2017, 9, 2197-2210.	1.1	26
286	Genetics of Hepatocellular Carcinoma: Risk Stratification, Clinical Outcome, and Implications for Therapy. <i>Digestive Disease Interventions</i> , 2017, 01, 055-065.	0.3	2
287	Characteristics and Unmet Clinical Needs Related to Hepatocellular Carcinoma. <i>Digestive Disease Interventions</i> , 2017, 01, 074-082.	0.3	0
288	Chlorogenic acid induces reactive oxygen species generation and inhibits the viability of human colon cancer cells. <i>Anti-Cancer Drugs</i> , 2017, 28, 59-65.	0.7	116
289	Design, synthesis, and biological activity of second-generation synthetic oleanane triterpenoids. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6001-6005.	1.5	12
290	Nrf2 Mutagenic Activation Drives Hepatocarcinogenesis. <i>Cancer Research</i> , 2017, 77, 4797-4808.	0.4	68

#	ARTICLE	IF	CITATIONS
291	Oxidative stress and chronic inflammation in osteoarthritis: can NRF2 counteract these partners in crime?. <i>Annals of the New York Academy of Sciences</i> , 2017, 1401, 114-135.	1.8	166
292	Aldo-Keto Reductase Regulation by the Nrf2 System: Implications for Stress Response, Chemotherapy Drug Resistance, and Carcinogenesis. <i>Chemical Research in Toxicology</i> , 2017, 30, 162-176.	1.7	59
293	Ductular reaction, cytokeratin 7 positivity, and gamma-glutamyl transferase in multistage hepatocarcinogenesis in rats. <i>Protoplasma</i> , 2017, 254, 911-920.	1.0	14
294	Reactive Oxygen Species in Melanoma Etiology. , 2017, , 283-300.		0
295	Targeting of the Glutathione, Thioredoxin, and Nrf2 Antioxidant Systems in Head and Neck Cancer. <i>Antioxidants and Redox Signaling</i> , 2017, 27, 106-114.	2.5	68
296	Upregulation of NRF2 through autophagy/ERK 1/2 ameliorates ionizing radiation induced cell death of human osteosarcoma U-2 OS. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2017, 813, 10-17.	0.9	20
297	Formation and Biological Targets of Quinones: Cytotoxic versus Cytoprotective Effects. <i>Chemical Research in Toxicology</i> , 2017, 30, 13-37.	1.7	285
298	Activation of Akt by SC79 protects cardiocytes from oxygen and glucose deprivation (OGD)/re-oxygenation. <i>Oncotarget</i> , 2017, 8, 14978-14987.	0.8	40
299	Oxidative Stress, Nrf2, and Epigenetic Modification Contribute to Anticancer Drug Resistance. <i>Toxicological Research</i> , 2017, 33, 1-5.	1.1	80
300	Epigenome Aberrations: Emerging Driving Factors of the Clear Cell Renal Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1774.	1.8	46
301	Signaling Pathways of Anticancer Plants: Action and Reaction. , 2017, , 303-322.		0
302	The Central Role of Amino Acids in Cancer Redox Homeostasis: Vulnerability Points of the Cancer Redox Code. <i>Frontiers in Oncology</i> , 2017, 7, 319.	1.3	79
304	Hederagenin Induces Apoptosis in Cisplatin-Resistant Head and Neck Cancer Cells by Inhibiting the Nrf2-ARE Antioxidant Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	1.9	38
305	The NRF2 transcription factor plays a dual role in colorectal cancer: A systematic review. <i>PLoS ONE</i> , 2017, 12, e0177549.	1.1	57
306	Mechanisms of Redox Regulation of Chemoresistance in Tumor Cells by Phenolic Antioxidants. <i>Biophysics (Russian Federation)</i> , 2017, 62, 942-949.	0.2	8
307	Recent advances in understanding NRF2 as a druggable target: development of pro-electrophilic and non-covalent NRF2 activators to overcome systemic side effects of electrophilic drugs like dimethyl fumarate. <i>F1000Research</i> , 2017, 6, 2138.	0.8	74
308	Redox Imbalance in the Development of Colorectal Cancer. <i>Journal of Cancer</i> , 2017, 8, 1586-1597.	1.2	77
309	Role of Nrf2 signaling pathway in the radiation tolerance of patients with head and neck squamous cell carcinoma: an in vivo and in vitro study. <i>OncoTargets and Therapy</i> , 2017, Volume 10, 1809-1819.	1.0	20

#	ARTICLE	IF	CITATIONS
310	Dual Roles of Oxidative Stress in Metal Carcinogenesis. <i>Journal of Environmental Pathology, Toxicology and Oncology</i> , 2017, 36, 345-376.	0.6	50
311	Keap1/Nrf2 pathway in kidney cancer: frequent methylation of KEAP1 gene promoter in clear renal cell carcinoma. <i>Oncotarget</i> , 2017, 8, 11187-11198.	0.8	64
312	Absence of Sigma 1 Receptor Accelerates Photoreceptor Cell Death in a Murine Model of Retinitis Pigmentosa. , 2017, 58, 4545.		23
313	Isoniazid induces apoptosis: Role of oxidative stress and inhibition of nuclear translocation of nuclear factor (erythroid-derived 2)-like 2 (Nrf2). <i>Life Sciences</i> , 2018, 199, 23-33.	2.0	27
314	Genetic mutations associated with lung cancer metastasis to the brain. <i>Mutagenesis</i> , 2018, 33, 137-145.	1.0	35
315	Endocytosis of particulate matter induces cytokine production by neutrophil via Toll-like receptor 4. <i>International Immunopharmacology</i> , 2018, 57, 190-199.	1.7	11
316	Phytosome complex of curcumin as complementary therapy of advanced pancreatic cancer improves safety and efficacy of gemcitabine: Results of a prospective phase II trial. <i>Pharmacological Research</i> , 2018, 132, 72-79.	3.1	104
317	BETâ€œing on Nrf2: How Nrf2 Signaling can Influence the Therapeutic Activities of BET Protein Inhibitors. <i>BioEssays</i> , 2018, 40, e1800007.	1.2	19
318	Xueshuantong Injection (Lyophilized) Attenuates Cerebral Ischemia/Reperfusion Injury by the Activation of Nrf2â€œVEGF Pathway. <i>Neurochemical Research</i> , 2018, 43, 1096-1103.	1.6	36
319	Nrf2 protects human lens epithelial cells against H ₂ O ₂ -induced oxidative and ER stress: The ATF4 may be involved. <i>Experimental Eye Research</i> , 2018, 169, 28-37.	1.2	43
320	ROS release by PPAR β -null fibroblasts reduces tumor load through epithelial antioxidant response. <i>Oncogene</i> , 2018, 37, 2067-2078.	2.6	14
321	Activation of KGFR-Akt-mTOR-Nrf2 signaling protects human retinal pigment epithelium cells from Ultra-violet. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 2171-2177.	1.0	37
322	Oridonin exerts anticancer effect on osteosarcoma by activating PPAR β and inhibiting Nrf2 pathway. <i>Cell Death and Disease</i> , 2018, 9, 15.	2.7	71
323	Gene expression analysis in peripheral blood cells of patients with hereditary leiomyomatosis and renal cell cancer syndrome (HLRCC): identification of NRF2 pathway activation. <i>Familial Cancer</i> , 2018, 17, 587-599.	0.9	2
324	Sulforaphane and 5-fluorouracil synergistically inducing autophagy in breast cancer: A possible role for the Nrf2-Keap1-ARE signaling?. <i>Food and Chemical Toxicology</i> , 2018, 112, 414-415.	1.8	7
325	Metabolic reprogramming of the tumor microenvironment by p62 and its partners. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1870, 88-95.	3.3	31
326	<sc>dCK</sc> negatively regulates the <sc>NRF</sc>2/<sc>ARE</sc> axis and <sc>ROS</sc> production in pancreatic cancer. <i>Cell Proliferation</i> , 2018, 51, e12456.	2.4	22
327	The regulatory G4 motif of the Kirsten ras (KRAS) gene is sensitive to guanine oxidation: implications on transcription. <i>Nucleic Acids Research</i> , 2018, 46, 661-676.	6.5	187

#	ARTICLE	IF	CITATIONS
328	Identification of an Unfavorable Immune Signature in Advanced Lung Tumors from Nrf2-Deficient Mice. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 1535-1552.	2.5	31
329	Regulation of stress signaling pathways by nitro-fatty acids. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 78, 170-175.	1.2	23
330	AKR1C enzymes sustain therapy resistance in paediatric T-ALL. <i>British Journal of Cancer</i> , 2018, 118, 985-994.	2.9	31
331	Detection of Hydrogen Peroxide with Fluorescent Dyes. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 585-602.	2.5	55
332	Nuclear factor E2-related factor-2 has a differential impact on MCT1 and MCT4 lactate carrier expression in colonic epithelial cells: a condition favoring metabolic symbiosis between colorectal cancer and stromal cells. <i>Oncogene</i> , 2018, 37, 39-51.	2.6	39
333	Identification of distinct mutational patterns and new driver genes in oesophageal squamous cell carcinomas and adenocarcinomas. <i>Gut</i> , 2018, 67, 1769-1779.	6.1	101
334	APE1 modulates cellular responses to organophosphate pesticide-induced oxidative damage in non-small cell lung carcinoma A549 cells. <i>Molecular and Cellular Biochemistry</i> , 2018, 441, 201-216.	1.4	24
335	Oxidative stress and metabolic reprogramming in Cr(VI) carcinogenesis. <i>Current Opinion in Toxicology</i> , 2018, 8, 20-27.	2.6	35
336	Rosuvastatin improves myocardial hypertrophy after hemodynamic pressure overload via regulating the crosstalk of Nrf2/ARE and TGF- β 2/ smads pathways in rat heart. <i>European Journal of Pharmacology</i> , 2018, 820, 173-182.	1.7	30
337	Autophagy involved in the activation of the Nrf2-antioxidant system in testes of heat-exposed mice. <i>Journal of Thermal Biology</i> , 2018, 71, 142-152.	1.1	15
338	Nrf2-p62 autophagy pathway and its response to oxidative stress in hepatocellular carcinoma. <i>Translational Research</i> , 2018, 193, 54-71.	2.2	156
339	Transcription factors: Time to deliver. <i>Journal of Controlled Release</i> , 2018, 269, 24-35.	4.8	27
340	Genomic and Epigenomic Aberrations in Esophageal Squamous Cell Carcinoma and Implications for Patients. <i>Gastroenterology</i> , 2018, 154, 374-389.	0.6	188
341	Oxidative Stress and Bladder Cancer Carcinogenesis: Early Detection and Chemoprevention Involving Nrf2 as an Integrative Approach. <i>Current Pharmacology Reports</i> , 2018, 4, 482-490.	1.5	0
342	Water transport proteins-aquaporins (AQPs) in cancer biology. <i>Oncotarget</i> , 2018, 9, 36392-36405.	0.8	48
343	Brd4 regulates the expression of essential autophagy genes and Keap1 in AML cells. <i>Oncotarget</i> , 2018, 9, 11665-11676.	0.8	14
344	The Immunomodulatory and Anti-Inflammatory Role of Polyphenols. <i>Nutrients</i> , 2018, 10, 1618.	1.7	904
345	Cisplatin Loaded Multiwalled Carbon Nanotubes Induce Resistance in Triple Negative Breast Cancer Cells. <i>Pharmaceutics</i> , 2018, 10, 228.	2.0	37

#	ARTICLE	IF	CITATIONS
346	Oxidative Stress in Cells with Extra Centrosomes Drives Non-Cell-Autonomous Invasion. <i>Developmental Cell</i> , 2018, 47, 409-424.e9.	3.1	100
347	Ciliary Neurotrophic Factor (CNTF) Protects Myocardial Cells from Oxygen Glucose Deprivation (OGD)/Re-Oxygenation via Activation of Akt-Nrf2 Signaling. <i>Cellular Physiology and Biochemistry</i> , 2018, 51, 1852-1862.	1.1	23
348	Gallic acid inhibits the expression of keratin 16 and keratin 17 through Nrf2 in psoriasis-like skin disease. <i>International Immunopharmacology</i> , 2018, 65, 84-95.	1.7	33
349	Importance of the Keap1-Nrf2 pathway in NSCLC: Is it a possible biomarker? (Review). <i>Biomedical Reports</i> , 2018, 9, 375-382.	0.9	26
350	Functional impairment triggered by albertoxin II (ATXII) in intestinal cells in vitro: cross-talk between cytotoxicity and mechanotransduction. <i>Archives of Toxicology</i> , 2018, 92, 3535-3547.	1.9	26
351	Association of single-nucleotide polymorphisms of the KEAP1 gene with the risk of various human diseases and its functional impact using in silico analysis. <i>Pharmacological Research</i> , 2018, 137, 205-218.	3.1	10
352	Metformin reverses the resistance mechanism of lung adenocarcinoma cells that knocks down the Nrf2 gene. <i>Oncology Letters</i> , 2018, 16, 6071-6080.	0.8	14
353	Activation of Nrf2 by Sulforaphane Inhibits High Glucose-Induced Progression of Pancreatic Cancer via AMPK Dependent Signaling. <i>Cellular Physiology and Biochemistry</i> , 2018, 50, 1201-1215.	1.1	49
354	Comparative Gene Expression Analysis in WM164 Melanoma Cells Revealed That Î²-Î²-Dimethylacrylshikonin Leads to ROS Generation, Loss of Mitochondrial Membrane Potential, and Autophagy Induction. <i>Molecules</i> , 2018, 23, 2823.	1.7	17
355	Molecular characterization of breast and lung tumors by integration of multiple data types with functional sparse-factor analysis. <i>PLoS Computational Biology</i> , 2018, 14, e1006520.	1.5	13
356	Nrf2 regulates CD4+ T cell-induced acute graft-versus-host disease in mice. <i>Blood</i> , 2018, 132, 2763-2774.	0.6	26
357	The Science behind Microgreens as an Exciting New Food for the 21st Century. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11519-11530.	2.4	121
358	Nuclear lactate dehydrogenase A senses ROS to produce Î±-hydroxybutyrate for HPV-induced cervical tumor growth. <i>Nature Communications</i> , 2018, 9, 4429.	5.8	115
359	p62-Keap1-NRF2-ARE Pathway: A Contentious Player for Selective Targeting of Autophagy, Oxidative Stress and Mitochondrial Dysfunction in Prion Diseases. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 310.	1.4	58
360	Metabolic features of cancer cells. <i>Cancer Communications</i> , 2018, 38, 1-6.	3.7	77
361	Nrf2 inhibition reverses resistance to GPX4 inhibitor-induced ferroptosis in head and neck cancer. <i>Free Radical Biology and Medicine</i> , 2018, 129, 454-462.	1.3	349
362	Activation of Nrf2/HO-1 Pathway by Nardochinoid C Inhibits Inflammation and Oxidative Stress in Lipopolysaccharide-Stimulated Macrophages. <i>Frontiers in Pharmacology</i> , 2018, 9, 911.	1.6	124
363	Discovery of natural flavonoids as activators of Nrf2-mediated defense system: Structure-activity relationship and inhibition of intracellular oxidative insults. <i>Bioorganic and Medicinal Chemistry</i> , 2018, 26, 5140-5150.	1.4	31

#	ARTICLE	IF	CITATIONS
364	Autophagy regulates vinorelbine sensitivity due to continued Keap1-mediated ROS generation in lung adenocarcinoma cells. <i>Cell Death Discovery</i> , 2018, 4, 33.	2.0	15
366	Coating Dependent In Vitro Biocompatibility of New Fe-Si Nanoparticles. <i>Nanomaterials</i> , 2018, 8, 495.	1.9	7
367	Establishment of a SVM classifier to predict recurrence of ovarian cancer. <i>Molecular Medicine Reports</i> , 2018, 18, 3589-3598.	1.1	17
368	Food-derived polyphenols inhibit the growth of ovarian cancer cells irrespective of their ability to induce antioxidant responses. <i>Heliyon</i> , 2018, 4, e00753.	1.4	15
369	Mechanistic targeting of advanced glycation end-products in age-related diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3631-3643.	1.8	145
370	Nano-targeted induction of dual ferroptotic mechanisms eradicates high-risk neuroblastoma. <i>Journal of Clinical Investigation</i> , 2018, 128, 3341-3355.	3.9	406
371	Strategies to improve the regulatory assessment of developmental neurotoxicity (DNT) using in vitro methods. <i>Toxicology and Applied Pharmacology</i> , 2018, 354, 7-18.	1.3	105
372	PGC-1 α as a Biomarker of Physical Activity-Protective Effect on Colorectal Cancer. <i>Cancer Prevention Research</i> , 2018, 11, 523-534.	0.7	14
373	TRAIL attenuates sulforaphane-mediated Nrf2 and sustains ROS generation, leading to apoptosis of TRAIL-resistant human bladder cancer cells. <i>Toxicology and Applied Pharmacology</i> , 2018, 352, 132-141.	1.3	18
374	Prediction of Binding Energy of Keap1 Interaction Motifs in the Nrf2 Antioxidant Pathway and Design of Potential High-Affinity Peptides. <i>Journal of Physical Chemistry B</i> , 2018, 122, 5851-5859.	1.2	17
375	Neuroigin-3 protects retinal cells from H ₂ O ₂ -induced cell death via activation of Nrf2 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2018, 502, 166-172.	1.0	9
376	Nrf2/glycoprotein axis is associated with clinicopathological characteristics in colorectal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2018, 104, 458-464.	2.5	30
377	Anticancer Activity of Sulforaphane: The Epigenetic Mechanisms and the Nrf2 Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	1.9	99
378	Resveratrol-Induced Downregulation of NAF-1 Enhances the Sensitivity of Pancreatic Cancer Cells to Gemcitabine via the ROS/Nrf2 Signaling Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-16.	1.9	63
379	Targeting Protein-Protein Interactions by Small Molecules. , 2018, , .		7
380	3-(1H-Benzo[<i>c</i>]imidazol-6-yl)-5-(4-fluorophenyl)-1,2,4-oxadiazole (DDO7232), a Novel Potent Nrf2/ARE Inducer, Ameliorates DSS-Induced Murine Colitis and Protects NCM460 Cells against Oxidative Stress via ERK1/2 Phosphorylation. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-16.	1.9	11
381	Discovery and Development of Keap1-Nrf2 Protein-Protein Interaction Inhibitors. , 2018, , 249-286.		0
382	Genetic inactivation of Nrf2 prevents clonal expansion of initiated cells in a nutritional model of rat hepatocarcinogenesis. <i>Journal of Hepatology</i> , 2018, 69, 635-643.	1.8	31

#	ARTICLE	IF	CITATIONS
383	Dose- and time-dependent effects of triethylene glycol dimethacrylate on the proteome of human THP monocytes. <i>European Journal of Oral Sciences</i> , 2018, 126, 345-358.	0.7	8
384	The mycosporine-like amino acids porphyra-334 and shinorine are antioxidants and direct antagonists of Keap1-Nrf2 binding. <i>Biochimie</i> , 2018, 154, 35-44.	1.3	54
385	Sigma 1 receptor: A novel therapeutic target in retinal disease. <i>Progress in Retinal and Eye Research</i> , 2018, 67, 130-149.	7.3	52
386	Parthenolide and DMAPT induce cell death in primitive CML cells through reactive oxygen species. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 4899-4912.	1.6	17
387	The KEAP1-NRF2 System: a Thiol-Based Sensor-Effector Apparatus for Maintaining Redox Homeostasis. <i>Physiological Reviews</i> , 2018, 98, 1169-1203.	13.1	1,067
388	Control of SUMO and Ubiquitin by ROS: Signaling and disease implications. <i>Molecular Aspects of Medicine</i> , 2018, 63, 3-17.	2.7	44
389	AAED1 modulates proliferation and glycolysis in gastric cancer. <i>Oncology Reports</i> , 2018, 40, 1156-1164.	1.2	8
390	Phosphoinositide 3-Kinase/Akt Signaling and Redox Metabolism in Cancer. <i>Frontiers in Oncology</i> , 2018, 8, 160.	1.3	283
391	Activation of p62/SQSTM1-Keap1-Nuclear Factor Erythroid 2-Related Factor 2 Pathway in Cancer. <i>Frontiers in Oncology</i> , 2018, 8, 210.	1.3	82
392	Metformin Induces Apoptosis and Alters Cellular Responses to Oxidative Stress in Ht29 Colon Cancer Cells: Preliminary Findings. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1478.	1.8	47
393	Nrf2-Mediated Fibroblast Reprogramming Drives Cellular Senescence by Targeting the Matrisome. <i>Developmental Cell</i> , 2018, 46, 145-161.e10.	3.1	126
394	Keaping a lid on lung cancer: the Keap1-Nrf2 pathway. <i>Cell Cycle</i> , 2018, 17, 1696-1707.	1.3	39
395	Increased Nrf2 expression by renal cell carcinoma is associated with postoperative chronic kidney disease and an unfavorable prognosis. <i>Oncotarget</i> , 2018, 9, 28351-28363.	0.8	10
396	Phosphorylation of human TRM9L integrates multiple stress-signaling pathways for tumor growth suppression. <i>Science Advances</i> , 2018, 4, eaas9184.	4.7	22
397	The role of nuclear factor erythroid 2-related factor 2 in hepatoprotective activity of natural products: A review. <i>Food and Chemical Toxicology</i> , 2018, 120, 261-276.	1.8	70
398	Keratinocyte growth factor protects endometrial cells from oxygen glucose deprivation/re-oxygenation via activating Nrf2 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2018, 501, 178-185.	1.0	30
399	Reduction of 2-methoxy-1,4-naphthoquinone by mitochondrially-localized Nqo1 yielding NAD+ supports substrate-level phosphorylation during respiratory inhibition. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2018, 1859, 909-924.	0.5	12
400	Targeted therapy of esophageal squamous cell carcinoma: the NRF2 signaling pathway as target. <i>Annals of the New York Academy of Sciences</i> , 2018, 1434, 164-172.	1.8	33

#	ARTICLE	IF	CITATIONS
401	Clinically significant association of elevated expression of nuclear factor E2-related factor 2 expression with higher glucose uptake and progression of upper urinary tract cancer. BMC Cancer, 2018, 18, 493.	1.1	5
402	Oxidative Stress and Cancer: The Role of Nrf2. Current Cancer Drug Targets, 2018, 18, 538-557.	0.8	250
403	A catalogue of somatic NRF2 gain-of-function mutations in cancer. Scientific Reports, 2018, 8, 12846.	1.6	92
404	Dysregulation of NRF2 in Cancer: from Molecular Mechanisms to Therapeutic Opportunities. Biomolecules and Therapeutics, 2018, 26, 57-68.	1.1	67
405	Combined inhibition of autophagy and Nrf2 signaling augments bortezomib-induced apoptosis by increasing ROS production and ER stress in pancreatic cancer cells. International Journal of Biological Sciences, 2018, 14, 1291-1305.	2.6	41
406	Distinguishing malignant from benign microscopic skin lesions using desorption electrospray ionization mass spectrometry imaging. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6347-6352.	3.3	71
407	Suppression of NRF2/ARE by convallatoxin sensitises A549 cells to 5-FU-mediated apoptosis. Free Radical Research, 2018, 52, 1416-1423.	1.5	21
408	Sulforaphane potentiates anticancer effects of doxorubicin and attenuates its cardiotoxicity in a breast cancer model. PLoS ONE, 2018, 13, e0193918.	1.1	65
409	Melanoma Metabolism. , 2019, , 99-122.		0
410	The Oncogenic Action of NRF2 Depends on De-glycation by Fructosamine-3-Kinase. Cell, 2019, 178, 807-819.e21.	13.5	96
411	Regulation of Wound Healing by the NRF2 Transcription Factor "More Than Cytoprotection. International Journal of Molecular Sciences, 2019, 20, 3856.	1.8	42
412	The role of ferroptosis in digestive system cancer (Review). Oncology Letters, 2019, 18, 2159-2164.	0.8	17
413	HTLV-1 basic leucine zipper factor protects cells from oxidative stress by upregulating expression of Heme Oxygenase I. PLoS Pathogens, 2019, 15, e1007922.	2.1	10
414	Auraptene Mitigates Parkinson's Disease-Like Behavior by Protecting Inhibition of Mitochondrial Respiration and Scavenging Reactive Oxygen Species. International Journal of Molecular Sciences, 2019, 20, 3409.	1.8	16
415	MRP1 modulators synergize with buthionine sulfoximine to exploit collateral sensitivity and selectively kill MRP1-expressing cancer cells. Biochemical Pharmacology, 2019, 168, 237-248.	2.0	29
416	<sc>GSTZ</sc> 1 Deficiency Activates <sc>NRF</sc> 2/ <sc>IGF</sc> 1R Axis in <sc>HCC</sc> via Accumulation of Oncometabolite Succinylacetone. EMBO Journal, 2019, 38, e101964.	3.5	37
417	Neuroglobin: A Novel Player in the Oxidative Stress Response of Cancer Cells. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-9.	1.9	20
418	Antineoplastic effects of auranofin in human pancreatic adenocarcinoma preclinical models. Surgery Open Science, 2019, 1, 56-63.	0.5	19

#	ARTICLE	IF	CITATIONS
419	Metabolic flexibility in melanoma: A potential therapeutic target. <i>Seminars in Cancer Biology</i> , 2019, 59, 187-207.	4.3	62
420	FAM129B, an antioxidative protein, reduces chemosensitivity by competing with Nrf2 for Keap1 binding. <i>EBioMedicine</i> , 2019, 45, 25-38.	2.7	34
421	Role of Autophagy in Renal Cancer. <i>Journal of Cancer</i> , 2019, 10, 2501-2509.	1.2	40
422	Geniposide attenuates cadmium-induced oxidative stress injury via Nrf2 signaling in osteoblasts. <i>Molecular Medicine Reports</i> , 2019, 20, 1499-1508.	1.1	20
423	Cell Metabolism in Cancer: An Energetic Switch. <i>Learning Materials in Biosciences</i> , 2019, , 97-116.	0.2	0
424	MicroRNA and Oxidative Stress Interplay in the Context of Breast Cancer Pathogenesis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5143.	1.8	30
425	Nanotherapeutics interfere with cellular redox homeostasis for highly improved photodynamic therapy. <i>Biomaterials</i> , 2019, 224, 119500.	5.7	51
426	The Role of Nrf2 Activity in Cancer Development and Progression. <i>Cancers</i> , 2019, 11, 1755.	1.7	172
427	The Role of Nrf2 signaling in cancer stem cells: From stemness and self-renewal to tumorigenesis and chemoresistance. <i>Life Sciences</i> , 2019, 239, 116986.	2.0	68
428	GSTZ1 deficiency promotes hepatocellular carcinoma proliferation via activation of the KEAP1/NRF2 pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 438.	3.5	40
429	Ochratoxin A Sequentially Activates Autophagy and the Ubiquitin-Proteasome System. <i>Toxins</i> , 2019, 11, 615.	1.5	12
430	Kelch-like proteins: Physiological functions and relationships with diseases. <i>Pharmacological Research</i> , 2019, 148, 104404.	3.1	48
431	Free heme regulates placenta growth factor through NRF2-antioxidant response signaling. <i>Free Radical Biology and Medicine</i> , 2019, 143, 300-308.	1.3	14
432	REDD1 knockdown protects H9c2 cells against myocardial ischemia/reperfusion injury through Akt/mTORC1/Nrf2 pathway-ameliorated oxidative stress: An in vitro study. <i>Biochemical and Biophysical Research Communications</i> , 2019, 519, 179-185.	1.0	21
433	SDHA gain-of-function engages inflammatory mitochondrial retrograde signaling via KEAP1-Nrf2. <i>Nature Immunology</i> , 2019, 20, 1311-1321.	7.0	39
434	Contribution of Nrf2 Modulation to the Mechanism of Action of Analgesic and Anti-inflammatory Drugs in Pre-clinical and Clinical Stages. <i>Frontiers in Pharmacology</i> , 2018, 9, 1536.	1.6	87
435	Generation of non-standard macrocyclic peptides specifically binding TSC-22 homologous gene-1. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 445-450.	1.0	4
436	End-Point Binding Free Energy Calculation with MM/PBSA and MM/GBSA: Strategies and Applications in Drug Design. <i>Chemical Reviews</i> , 2019, 119, 9478-9508.	23.0	1,064

#	ARTICLE	IF	CITATIONS
437	Sulfur metabolism and its contribution to malignancy. <i>International Review of Cell and Molecular Biology</i> , 2019, 347, 39-103.	1.6	40
438	Molecular and Cell Biology of Cancer. <i>Learning Materials in Biosciences</i> , 2019, , .	0.2	3
439	Ferroptosis inhibitor alleviates Radiation-induced lung fibrosis (RILF) via down-regulation of TGF- β 1. <i>Journal of Inflammation</i> , 2019, 16, 11.	1.5	131
440	Bamboo Leaf Flavonoids Extracts Alleviate Oxidative Stress in HepG2 Cells via Naturally Modulating Reactive Oxygen Species Production and Nrf2-Mediated Antioxidant Defense Responses. <i>Journal of Food Science</i> , 2019, 84, 1609-1620.	1.5	45
441	Mechanism of Apoptosis Induced by Curcumin in Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2454.	1.8	103
442	Potential Applications of NRF2 Inhibitors in Cancer Therapy. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-34.	1.9	137
443	Inhibition of SGK1 confers vulnerability to redox dysregulation in cervical cancer. <i>Redox Biology</i> , 2019, 24, 101225.	3.9	23
444	It's far better to be alone than to be in bad company. <i>Journal of Thoracic Disease</i> , 2019, 11, 649-651.	0.6	1
445	Protective effects of leonurine against ischemic stroke in mice by activating nuclear factor erythroid 2-related factor 2 pathway. <i>CNS Neuroscience and Therapeutics</i> , 2019, 25, 1006-1017.	1.9	28
446	Sequestosome 1/p62-related pathways as therapeutic targets in hepatocellular carcinoma. <i>Expert Opinion on Therapeutic Targets</i> , 2019, 23, 393-406.	1.5	23
447	The protein kinase activity of fructokinase A specifies the antioxidant responses of tumor cells by phosphorylating p62. <i>Science Advances</i> , 2019, 5, eaav4570.	4.7	52
448	Pharmacological Applications of Nrf2 Inhibitors as Potential Antineoplastic Drugs. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2025.	1.8	49
449	LMP1 and 2A Induce the Expression of Nrf2 Through Akt Signaling Pathway in Epstein-Barr Virus-Transformed B Cells. <i>Translational Oncology</i> , 2019, 12, 775-783.	1.7	15
450	Targeting NFE2L2, a transcription factor upstream of MMP-2: A potential therapeutic strategy for temozolomide resistant glioblastoma. <i>Biochemical Pharmacology</i> , 2019, 164, 1-16.	2.0	24
451	The Warburg effect: essential part of metabolic reprogramming and central contributor to cancer progression. <i>International Journal of Radiation Biology</i> , 2019, 95, 912-919.	1.0	495
452	TCF7L1 indicates prognosis and promotes proliferation through activation of Keap1/NRF2 in gastric cancer. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019, 51, 375-385.	0.9	19
453	A cell type-selective apoptosis-inducing small molecule for the treatment of brain cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6435-6440.	3.3	23
454	Glyceollins Modulate Tumor Development and Growth in a p53-Dependent Manner. <i>Journal of Medicinal Food</i> , 2019, 22, 521-528.	0.8	5

#	ARTICLE	IF	CITATIONS
455	Role of Nrf2 and Its Activators in Respiratory Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-17.	1.9	130
456	The discovery and characterization of K ϵ 563, a novel inhibitor of the Keap1/Nrf2 pathway produced by <i>Streptomyces</i> sp. <i>Cancer Medicine</i> , 2019, 8, 1157-1168.	1.3	9
457	Constitutive Activation of NAD-Dependent Sirtuin 3 Plays an Important Role in Tumorigenesis of Chromium(VI)-Transformed Cells. <i>Toxicological Sciences</i> , 2019, 169, 224-234.	1.4	16
458	The molecular chaperone sigma 1 receptor mediates rescue of retinal cone photoreceptor cells via modulation of NRF2. <i>Free Radical Biology and Medicine</i> , 2019, 134, 604-616.	1.3	40
459	Deciphering the molecular mechanism during doxorubicin-mediated oxidative stress, apoptosis through Nrf2 and PGC-1 β in a rat testicular milieu. <i>Reproductive Biology</i> , 2019, 19, 22-37.	0.9	26
460	DUB3 ubiquitinates and stabilizes NRF2 in chemotherapy resistance of colorectal cancer. <i>Cell Death and Differentiation</i> , 2019, 26, 2300-2313.	5.0	69
461	Nrf2/ARE Pathway Modulation by Dietary Energy Regulation in Neurological Disorders. <i>Frontiers in Pharmacology</i> , 2019, 10, 33.	1.6	67
462	Targeting IDH1-Mutated Malignancies with NRF2 Blockade. <i>Journal of the National Cancer Institute</i> , 2019, 111, 1033-1041.	3.0	61
463	Nuclear factor (erythroid-derived 2)-like 2 antioxidative response mitigates cytoplasmic radiation-induced DNA double-strand breaks. <i>Cancer Science</i> , 2019, 110, 686-696.	1.7	13
464	Spotlight on ROS and β 3-Adrenoreceptors Fighting in Cancer Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	1.9	11
465	Urological cancer: molecular docking of the active compound <i>Scurrula atropurpurea</i> against nuclear factor erythroid2-related factor2 (Nrf2). <i>Journal of Physics: Conference Series</i> , 2019, 1374, 012055.	0.3	0
466	Sulforaphane: Its "Coming of Age" as a Clinically Relevant Nutraceutical in the Prevention and Treatment of Chronic Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-27.	1.9	114
467	Nrf2 gene mutation and single nucleotide polymorphism rs6721961 of the Nrf2 promoter region in renal cell cancer. <i>BMC Cancer</i> , 2019, 19, 1137.	1.1	17
468	Tissue Repair: Guarding against Friendly Fire. <i>Current Biology</i> , 2019, 29, R1191-R1193.	1.8	1
469	Characterization of cancer omics and drug perturbations in panels of lung cancer cells. <i>Scientific Reports</i> , 2019, 9, 19529.	1.6	13
470	The fungal metabolite chaetocin is a sensitizer for pro-apoptotic therapies in glioblastoma. <i>Cell Death and Disease</i> , 2019, 10, 894.	2.7	21
471	Genetic Variations in Nrf2-Keap1 Complex: A Step towards Understanding Cancer Resistance in Blind Mole Rats Cytotypes. <i>Biology Bulletin</i> , 2019, 46, 547-554.	0.1	0
472	Environmentally relevant concentration of chromium activates Nrf2 and alters transcription of related XME genes in liver of zebrafish. <i>Chemosphere</i> , 2019, 214, 35-46.	4.2	54

#	ARTICLE	IF	CITATIONS
473	Association between glucose-lowering treatment and cancer metastasis among patients with preexisting type 2 diabetes and incident malignancy. <i>International Journal of Cancer</i> , 2019, 144, 1530-1539.	2.3	21
474	New developments in mechanisms of prostate cancer progression. <i>Seminars in Cancer Biology</i> , 2019, 57, 111-116.	4.3	39
475	Phytochemicals: Current strategy to sensitize cancer cells to cisplatin. <i>Biomedicine and Pharmacotherapy</i> , 2019, 110, 518-527.	2.5	88
476	Design, Synthesis, and Biological Activity of Hydrogen Peroxide Responsive Arylboronate Melatonin Hybrids. <i>Chemical Research in Toxicology</i> , 2019, 32, 100-112.	1.7	18
477	Activation of Keap1-Nrf2 signaling by 4-octyl itaconate protects human umbilical vein endothelial cells from high glucose. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 921-927.	1.0	38
478	Six-transmembrane epithelial antigen of the prostate 1 protects against increased oxidative stress via a nuclear erythroid 2-related factor pathway in colorectal cancer. <i>Cancer Gene Therapy</i> , 2019, 26, 313-322.	2.2	17
479	Clinicopathological, microenvironmental and genetic determinants of molecular subtypes in KEAP1/NRF2-mutant lung cancer. <i>International Journal of Cancer</i> , 2019, 144, 788-801.	2.3	16
480	Hyperactivity of the transcription factor Nrf2 causes metabolic reprogramming in mouse esophagus. <i>Journal of Biological Chemistry</i> , 2019, 294, 327-340.	1.6	57
481	Fumonisin B1-induced oxidative stress triggers Nrf2-mediated antioxidant response in human hepatocellular carcinoma (HepG2) cells. <i>Mycotoxin Research</i> , 2019, 35, 99-109.	1.3	45
482	Nuclear Factor Erythroid 2-Related Factor 2 (Nrf2) Inhibition: An Emerging Strategy in Cancer Therapy. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 3840-3856.	2.9	32
483	Inhibition of nuclear thioredoxin aggregation attenuates PM2.5-induced NF- κ B activation and pro-inflammatory responses. <i>Free Radical Biology and Medicine</i> , 2019, 130, 206-214.	1.3	19
484	The antioxidant transcription factor Nrf2 modulates the stress response and phenotype of malignant as well as premalignant pancreatic ductal epithelial cells by inducing expression of the ATF3 splicing variant β Zip2. <i>Oncogene</i> , 2019, 38, 1461-1476.	2.6	7
485	Reactive oxygen species in colorectal cancer: The therapeutic impact and its potential roles in tumor progression via perturbation of cellular and physiological dysregulated pathways. <i>Journal of Cellular Physiology</i> , 2019, 234, 10072-10079.	2.0	33
486	Coffee consumption and disease correlations. <i>Critical Reviews in Food Science and Nutrition</i> , 2019, 59, 336-348.	5.4	97
487	Excess homocysteine upregulates the NRF2-antioxidant pathway in retinal Müller glial cells. <i>Experimental Eye Research</i> , 2019, 178, 228-237.	1.2	28
488	Triclosan-induced liver and brain injury in zebrafish (<i>Danio rerio</i>) via abnormal expression of miR-125 regulated by PKC δ /Nrf2/p53 signaling pathways. <i>Chemosphere</i> , 2020, 241, 125086.	4.2	24
489	Nrf2-modulation by seleno-chrometic agents and its potential for radiation protection. <i>BioFactors</i> , 2020, 46, 239-245.	2.6	16
490	Therapeutic and biological activities of berberine: The involvement of Nrf2 signaling pathway. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 1575-1585.	1.2	53

#	ARTICLE	IF	CITATIONS
491	Regulation of expression of drug-metabolizing enzymes by oncogenic signaling pathways in liver tumors: a review. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 113-122.	5.7	11
492	Dual-protective nano-sunscreen enables high-efficient elimination of the self-derived hazards. <i>Applied Materials Today</i> , 2020, 18, 100493.	2.3	8
493	Neuroglobin As Key Mediator in the 17 β -Estradiol-Induced Antioxidant Cell Response to Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 217-227.	2.5	12
494	Deficiency in Embryonic Stem Cell Marker Reduced Expression 1 Activates Mitogen-Activated Protein Kinase Kinase 6-Dependent p38 Mitogen-Activated Protein Kinase Signaling to Drive Hepatocarcinogenesis. <i>Hepatology</i> , 2020, 72, 183-197.	3.6	18
495	Acetaminophen sensitizing erastin-induced ferroptosis via modulation of Nrf2/heme oxygenase-1 signaling pathway in non-small-cell lung cancer. <i>Journal of Cellular Physiology</i> , 2020, 235, 3329-3339.	2.0	97
496	miRNA Regulation of Glutathione Homeostasis in Cancer Initiation, Progression and Therapy Resistance. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2020, 9, 187-197.	0.6	14
497	PML/RAR α Interferes with NRF2 Transcriptional Activity Increasing the Sensitivity to Ascorbate of Acute Promyelocytic Leukemia Cells. <i>Cancers</i> , 2020, 12, 95.	1.7	10
498	Recent Advances on the Anti-Inflammatory and Antioxidant Properties of Red Grape Polyphenols: In Vitro and In Vivo Studies. <i>Antioxidants</i> , 2020, 9, 35.	2.2	67
499	Recent progress in the development of small molecule Nrf2 activators: a patent review (2017-present). <i>Expert Opinion on Therapeutic Patents</i> , 2020, 30, 209-225.	2.4	31
500	15-Keto prostaglandin E2 induces heme oxygenase-1 expression through activation of Nrf2 in human colon epithelial CCD 841 CoN cells. <i>Archives of Biochemistry and Biophysics</i> , 2020, 679, 108162.	1.4	2
501	Immune-mediated genetic pathways resulting in pulmonary function impairment increase lung cancer susceptibility. <i>Nature Communications</i> , 2020, 11, 27.	5.8	23
502	A novel biscoumarin compound ameliorates cerebral ischemia reperfusion-induced mitochondrial oxidative injury via Nrf2/Keap1/ARE signaling. <i>Neuropharmacology</i> , 2020, 167, 107918.	2.0	20
503	Compound Analysis of Jing Liqueur and nrf2 Activation by Jing Liqueur—One of the Most Popular Beverages in China. <i>Beverages</i> , 2020, 6, 1.	1.3	18
504	Grass carp (<i>Ctenopharyngodon idella</i>) NRF2 alleviates the oxidative stress and enhances cell viability through upregulating the expression of HO-1. <i>Fish Physiology and Biochemistry</i> , 2020, 46, 417-428.	0.9	8
505	Harnessing altered oxidative metabolism in cancer by augmented prooxidant therapy. <i>Cancer Letters</i> , 2020, 471, 1-11.	3.2	26
506	Transcription factor NRF2 uses the Hippo pathway effector TAZ to induce tumorigenesis in glioblastomas. <i>Redox Biology</i> , 2020, 30, 101425.	3.9	26
507	Nrf2 in Neoplastic and Non-Neoplastic Liver Diseases. <i>Cancers</i> , 2020, 12, 2932.	1.7	12
508	Flavonoids targeting NRF2 in neurodegenerative disorders. <i>Food and Chemical Toxicology</i> , 2020, 146, 111817.	1.8	39

#	ARTICLE	IF	CITATIONS
509	The Links between Parkinson's Disease and Cancer. <i>Biomedicines</i> , 2020, 8, 416.	1.4	42
510	Role of Nrf2 and mitochondria in cancer stem cells; in carcinogenesis, tumor progression, and chemoresistance. <i>Biochimie</i> , 2020, 179, 32-45.	1.3	35
511	Dissecting the Crosstalk between NRF2 Signaling and Metabolic Processes in Cancer. <i>Cancers</i> , 2020, 12, 3023.	1.7	43
512	Role of nitric oxide in the response to photooxidative stress in prostate cancer cells. <i>Biochemical Pharmacology</i> , 2020, 182, 114205.	2.0	8
513	Chemo-preventive effect of crocin against experimentally-induced hepatocarcinogenesis via regulation of apoptotic and Nrf2 signaling pathways. <i>Environmental Toxicology and Pharmacology</i> , 2020, 80, 103494.	2.0	13
514	Activation of NRF2 by topical apocarotenoid treatment mitigates radiation-induced dermatitis. <i>Redox Biology</i> , 2020, 37, 101714.	3.9	12
515	Update on the bioavailability and chemopreventative mechanisms of dietary chlorophyll derivatives. <i>Nutrition Research</i> , 2020, 81, 19-37.	1.3	39
516	Cerium oxide nanoparticles and their importance in cell signaling pathways for predicting cellular behavior. <i>Nanomedicine</i> , 2020, 15, 1709-1718.	1.7	11
517	Nrf2 Activators as Dietary Phytochemicals Against Oxidative Stress, Inflammation, and Mitochondrial Dysfunction in Autism Spectrum Disorders: A Systematic Review. <i>Frontiers in Psychiatry</i> , 2020, 11, 561998.	1.3	15
518	Nrf2 Mediates Metabolic Reprogramming in Non-Small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 578315.	1.3	36
519	Isolation and identification of bioactive peptides from Xuanwei ham that rescue oxidative stress damage induced by alcohol in HHL-5 hepatocytes. <i>Food and Function</i> , 2020, 11, 9710-9720.	2.1	15
520	Revealing Temozolomide Resistance Mechanisms via Genome-Wide CRISPR Libraries. <i>Cells</i> , 2020, 9, 2573.	1.8	24
521	Molecular Mechanisms Underlying Hepatocellular Carcinoma Induction by Aberrant NRF2 Activation-Mediated Transcription Networks: Interaction of NRF2-KEAP1 Controls the Fate of Hepatocarcinogenesis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5378.	1.8	22
522	NRF2 preserves genomic integrity by facilitating ATR activation and G2 cell cycle arrest. <i>Nucleic Acids Research</i> , 2020, 48, 9109-9123.	6.5	52
523	ω-6 Polyunsaturated fatty acids (linoleic acid) activate both autophagy and antioxidation in a synergistic feedback loop via TOR-dependent and TOR-independent signaling pathways. <i>Cell Death and Disease</i> , 2020, 11, 607.	2.7	49
524	The Clinicopathological and Prognostic Significance of Nrf2 and Keap1 Expression in Hepatocellular Carcinoma. <i>Cancers</i> , 2020, 12, 2128.	1.7	12
525	KEAP1, a cysteine-based sensor and a drug target for the prevention and treatment of chronic disease. <i>Open Biology</i> , 2020, 10, 200105.	1.5	68
526	NRF2 metagene signature is a novel prognostic biomarker in colorectal cancer. <i>Cancer Genetics</i> , 2020, 248-249, 1-10.	0.2	7

#	ARTICLE	IF	CITATIONS
527	Ferroptosis: a new unexpected chance to treat metastatic melanoma?. <i>Cell Cycle</i> , 2020, 19, 2411-2425.	1.3	27
528	Distinct Mechanisms Are Responsible for Nrf2-Keap1 Pathway Activation at Different Stages of Rat Hepatocarcinogenesis. <i>Cancers</i> , 2020, 12, 2305.	1.7	14
529	Oncogenic function of TRIM2 in pancreatic cancer by activating ROS-related NRF2/ITGB7/FAK axis. <i>Oncogene</i> , 2020, 39, 6572-6588.	2.6	21
530	GULP1 regulates the NRF2-KEAP1 signaling axis in urothelial carcinoma. <i>Science Signaling</i> , 2020, 13, .	1.6	19
531	VEGFA and NFE2L2 Gene Expression and Regulation by MicroRNAs in Thyroid Papillary Cancer and Colloid Goiter. <i>Genes</i> , 2020, 11, 954.	1.0	18
532	High Expression of NRF2 Is Associated with Increased Tumor-Infiltrating Lymphocytes and Cancer Immunity in ER-Positive/HER2-Negative Breast Cancer. <i>Cancers</i> , 2020, 12, 3856.	1.7	32
533	Sulforaphane Protects Piglet Brains from Neonatal Hypoxic-Ischemic Injury. <i>Developmental Neuroscience</i> , 2020, 42, 124-134.	1.0	8
534	Identification and evaluation of a napyradiomycin as a potent Nrf2 activator: Anti-oxidative and anti-inflammatory activities. <i>Bioorganic Chemistry</i> , 2020, 105, 104434.	2.0	9
535	Dietary molecules and experimental evidence of epigenetic influence in cancer chemoprevention: An insight. <i>Seminars in Cancer Biology</i> , 2020, , .	4.3	5
536	F-Box Proteins and Cancer. <i>Cancers</i> , 2020, 12, 1249.	1.7	32
537	Highly cytotoxic gold(<i>scpi</i>)-phosphane dithiocarbamate complexes trigger an ER stress-dependent immune response in ovarian cancer cells. <i>Dalton Transactions</i> , 2020, 49, 7355-7363.	1.6	21
538	Assessing Genomic Copy Number Alterations as Best Practice for Renal Cell Neoplasia: An Evidence-Based Review from the Cancer Genomics Consortium Workgroup. <i>Cancer Genetics</i> , 2020, 244, 40-54.	0.2	12
539	C/EBP β mediates NQO1 and GSTP1 anti-oxidative reductases expression in glioblastoma, promoting brain tumor proliferation. <i>Redox Biology</i> , 2020, 34, 101578.	3.9	24
540	Association of variations in platinum resistance-related genes and prognosis in lung cancer patients. <i>Journal of Cancer</i> , 2020, 11, 4343-4351.	1.2	3
541	Targeting the JAK/STAT Signaling Pathway Using Phytochemicals for Cancer Prevention and Therapy. <i>Cells</i> , 2020, 9, 1451.	1.8	109
542	Antiproliferative Activity of Ursolic Acid in MDA-MB-231 Human Breast Cancer Cells through Nrf2 Pathway Regulation. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 7404-7415.	2.4	20
543	Targeting Oxidative Stress for Disease Prevention and Therapy: Where Do We Stand, and Where Do We Go from Here. <i>Molecules</i> , 2020, 25, 2653.	1.7	38
544	Tanshinone IIA inhibits osteosarcoma growth through modulation of AMPK-Nrf2 signaling pathway. <i>Journal of Receptor and Signal Transduction Research</i> , 2020, 40, 591-598.	1.3	10

#	ARTICLE	IF	CITATIONS
545	Enhanced expression of asparagine synthetase under glucose-deprived conditions promotes esophageal squamous cell carcinoma development. <i>International Journal of Medical Sciences</i> , 2020, 17, 510-516.	1.1	9
546	Breast cancer pathogenesis is linked to the intra-tumoral estrogen sulfotransferase (hSULT1E1) expressions regulated by cellular redox dependent Nrf-2/NF- κ B interplay. <i>Cancer Cell International</i> , 2020, 20, 70.	1.8	12
547	Targeting the Redox Landscape in Cancer Therapy. <i>Cancers</i> , 2020, 12, 1706.	1.7	29
548	Loss-of-function mutations in KEAP1 drive lung cancer progression via KEAP1/NRF2 pathway activation. <i>Cell Communication and Signaling</i> , 2020, 18, 98.	2.7	38
549	Intermittent hypoxia exacerbates tumor progression in a mouse model of lung cancer. <i>Scientific Reports</i> , 2020, 10, 1854.	1.6	33
550	Thioredoxin domain-containing protein 9 (TXNDC9) contributes to oxaliplatin resistance through regulation of autophagy-apoptosis in colorectal adenocarcinoma. <i>Biochemical and Biophysical Research Communications</i> , 2020, 524, 582-588.	1.0	14
551	Nrf2 in keratinocytes protects against skin fibrosis via regulating epidermal lesion and inflammatory response. <i>Biochemical Pharmacology</i> , 2020, 174, 113846.	2.0	16
552	Nrf2 activator via interference of Nrf2-Keap1 interaction has antioxidant and anti-inflammatory properties in Parkinson's disease animal model. <i>Neuropharmacology</i> , 2020, 167, 107989.	2.0	72
553	Molecular mechanisms linking environmental toxicants to cancer development: Significance for protective interventions with polyphenols. <i>Seminars in Cancer Biology</i> , 2022, 80, 118-144.	4.3	24
554	Mitochondrial Calcium Regulation of Redox Signaling in Cancer. <i>Cells</i> , 2020, 9, 432.	1.8	77
555	Keap1-targeting microRNA-941 protects endometrial cells from oxygen and glucose deprivation-re-oxygenation via activation of Nrf2 signaling. <i>Cell Communication and Signaling</i> , 2020, 18, 32.	2.7	12
556	Potential Applications of NRF2 Modulators in Cancer Therapy. <i>Antioxidants</i> , 2020, 9, 193.	2.2	94
557	FGD1 exhibits oncogenic properties in hepatocellular carcinoma through regulating cell morphology, autophagy and mitochondrial function. <i>Biomedicine and Pharmacotherapy</i> , 2020, 125, 110029.	2.5	13
558	NRF2/SHH signaling cascade promotes tumor-initiating cell lineage and drug resistance in hepatocellular carcinoma. <i>Cancer Letters</i> , 2020, 476, 48-56.	3.2	37
559	Nuclear factor erythroid 2 (NF-E2)-related factor 2 (Nrf2) in non-small cell lung cancer. <i>Life Sciences</i> , 2020, 254, 117325.	2.0	11
560	Promotion of the Warburg effect is associated with poor benefit from adjuvant chemotherapy in colorectal cancer. <i>Cancer Science</i> , 2020, 111, 658-666.	1.7	19
561	Targeting NRF2-Governed Glutathione Synthesis for SDHB-Mutated Pheochromocytoma and Paraganglioma. <i>Cancers</i> , 2020, 12, 280.	1.7	23
562	Obtusaquinone: A Cysteine-Modifying Compound That Targets Keap1 for Degradation. <i>ACS Chemical Biology</i> , 2020, 15, 1445-1454.	1.6	18

#	ARTICLE	IF	CITATIONS
563	Transgenic expression of Sag/Rbx2 E3 causes early stage tumor promotion, late stage cytogenesis and acinar loss in the Kras ⁺ PDAC model. <i>Neoplasia</i> , 2020, 22, 242-252.	2.3	4
564	<i>NFE2L2/KEAP1</i> Mutations Correlate with Higher Tumor Mutational Burden Value/PD-L1 Expression and Potentiate Improved Clinical Outcome with Immunotherapy. <i>Oncologist</i> , 2020, 25, e955-e963.	1.9	39
565	Miconazole Contributes to NRF2 Activation by Noncanonical P62-KEAP1 Pathway in Bladder Cancer Cells. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 1209-1218.	2.0	23
566	The PI3K pathway induced by MSH exerts a negative feedback on melanogenesis and contributes to the release of pigment. <i>Pigment Cell and Melanoma Research</i> , 2021, 34, 72-88.	1.5	14
567	Mitochondrial GRIM-19 deficiency facilitates gastric cancer metastasis through oncogenic ROS-NRF2-HO-1 axis via a NRF2-HO-1 loop. <i>Gastric Cancer</i> , 2021, 24, 117-132.	2.7	32
568	Cadmium mediated redox modulation in germline stem cells homeostasis affects reproductive health of <i>Drosophila</i> males. <i>Journal of Hazardous Materials</i> , 2021, 402, 123737.	6.5	15
569	<i>USP44</i> hypermethylation promotes cell proliferation and metastasis in breast cancer. <i>Future Oncology</i> , 2021, 17, 279-289.	1.1	7
570	Sustained high expression of NRF2 and its target genes induces dysregulation of cellular proliferation and apoptosis is associated with arsenite-induced malignant transformation of human bronchial epithelial cells. <i>Science of the Total Environment</i> , 2021, 756, 143840.	3.9	14
571	Polyphenols from <i>Penthorum chinense</i> Pursh. Attenuates high glucose-induced vascular inflammation through directly interacting with Keap1 protein. <i>Journal of Ethnopharmacology</i> , 2021, 268, 113617.	2.0	9
572	Modulating glutathione thiol status alters pancreatic β -cell morphogenesis in the developing zebrafish (<i>Danio rerio</i>) embryo. <i>Redox Biology</i> , 2021, 38, 101788.	3.9	7
573	Co-occurrence of antiseptic triclocarban and chiral anti-inflammatory ibuprofen in environment: Association between biological effect in sediment and risk to human health. <i>Journal of Hazardous Materials</i> , 2021, 407, 124871.	6.5	7
574	Micronutrients and bioactive compounds in the immunological pathways related to SARS-CoV-2 (adults and elderly). <i>European Journal of Nutrition</i> , 2021, 60, 559-579.	1.8	16
575	Cancer drug resistance: redox resetting renders a way. <i>Oncotarget</i> , 0, 7, 42740-42761.	0.8	144
576	Unfolding Nrf2 in diabetes mellitus. <i>Molecular Biology Reports</i> , 2021, 48, 927-939.	1.0	23
577	c-MYC-directed NRF2 drives malignant progression of head and neck cancer via glucose-6-phosphate dehydrogenase and transketolase activation. <i>Theranostics</i> , 2021, 11, 5232-5247.	4.6	48
578	Design and synthesis of isothiocyanate-containing hybrid androgen receptor (AR) antagonist to downregulate AR and induce ferroptosis in GSH ⁻ Deficient prostate cancer cells. <i>Chemical Biology and Drug Design</i> , 2021, 97, 1059-1078.	1.5	18
579	NETO2 promotes esophageal cancer progression by inducing proliferation and metastasis via PI3K/AKT and ERK pathway. <i>International Journal of Biological Sciences</i> , 2021, 17, 259-270.	2.6	24
580	Oxidative Stress in the Tumor Immune Microenvironment. , 2021, , 27-54.		1

#	ARTICLE	IF	CITATIONS
581	Nrf2: a main responsive element in cells to mycotoxin-induced toxicity. Archives of Toxicology, 2021, 95, 1521-1533.	1.9	28
582	NRF2 Activation Confers Resistance to eIF4A Inhibitors in Cancer Therapy. Cancers, 2021, 13, 639.	1.7	13
583	Targeting Nrf2-antioxidant signalling reverses acquired cabazitaxel resistance in prostate cancer cells. Journal of Biochemistry, 2021, 170, 89-96.	0.9	14
584	Role of Reductive versus Oxidative Stress in Tumor Progression and Anticancer Drug Resistance. Cells, 2021, 10, 758.	1.8	25
585	Polysaccharides from sporoderma removed spores of <i>Ganoderma lucidum</i> induce apoptosis in human gastric cancer cells via disruption of autophagic flux. Oncology Letters, 2021, 21, 425.	0.8	18
586	Focal Adhesion Kinase Inhibitor Inhibits the Oxidative Damage Induced by Central Venous Catheter via Abolishing Focal Adhesion Kinase-Protein Kinase B Pathway Activation. BioMed Research International, 2021, 2021, 1-11.	0.9	2
587	Nrf2-Keap-1 imbalance under acute shear stress induces inflammatory response in venous endothelial cells. Perfusion (United Kingdom), 2022, 37, 582-589.	0.5	7
588	Relationship between oxidative stress and nuclear factor erythroid-related factor 2 signaling in diabetic cardiomyopathy (Review). Experimental and Therapeutic Medicine, 2021, 22, 678.	0.8	20
589	p62 functions as a signal hub in metal carcinogenesis. Seminars in Cancer Biology, 2021, 76, 267-278.	4.3	7
590	The Association of Polymorphisms in Nrf2 and Genes Involved in Redox Homeostasis in the Development and Progression of Clear Cell Renal Cell Carcinoma. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-15.	1.9	7
591	Arsenic and Human Health: Genotoxicity, Epigenomic Effects, and Cancer Signaling. Biological Trace Element Research, 2022, 200, 988-1001.	1.9	55
592	The Protective Effect of Polyherbal Formulation, Harak Formula, on UVA-Induced Photoaging of Human Dermal Fibroblasts and Mouse Skin via Promoting Nrf2-Regulated Antioxidant Defense. Frontiers in Pharmacology, 2021, 12, 649820.	1.6	10
593	The role of redox system in metastasis formation. Angiogenesis, 2021, 24, 435-450.	3.7	5
594	High Transaldolase 1 expression predicts poor survival of patients with upper tract urothelial carcinoma. Pathology International, 2021, 71, 463-470.	0.6	8
595	Heme Oxygenase-1 Signaling and Redox Homeostasis in Physiopathological Conditions. Biomolecules, 2021, 11, 589.	1.8	92
596	hTERT Promotes CRC Proliferation and Migration by Recruiting YBX1 to Increase NRF2 Expression. Frontiers in Cell and Developmental Biology, 2021, 9, 658101.	1.8	12
597	Antidiabetic Agent DPP-4i Facilitates Murine Breast Cancer Metastasis by Oncogenic ROS-NRF2-HO-1 Axis via a Positive NRF2-HO-1 Feedback Loop. Frontiers in Oncology, 2021, 11, 679816.	1.3	4
598	Single nucleotide variants of succinate dehydrogenase A gene in renal cell carcinoma. Cancer Science, 2021, 112, 3375-3387.	1.7	7

#	ARTICLE	IF	CITATIONS
599	Nrf2 inhibition sensitizes breast cancer stem cells to ionizing radiation via suppressing DNA repair. <i>Free Radical Biology and Medicine</i> , 2021, 169, 238-247.	1.3	31
600	Targeting oxidative stress in disease: promise and limitations of antioxidant therapy. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 689-709.	21.5	975
601	NRF2 signalling pathway: New insights and progress in the field of wound healing. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5857-5868.	1.6	27
602	Autophagy in liver diseases: A review. <i>Molecular Aspects of Medicine</i> , 2021, 82, 100973.	2.7	136
603	A Novel Nrf2 Pathway Inhibitor Sensitizes Keap1-Mutant Lung Cancer Cells to Chemotherapy. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1692-1701.	1.9	18
604	MAFG-driven osteosarcoma cell progression is inhibited by a novel miRNA miR-4660. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 24, 385-402.	2.3	22
605	Personalized profiles of antioxidant signaling pathway in patients with tuberculosis. <i>Journal of Microbiology, Immunology and Infection</i> , 2022, 55, 405-412.	1.5	3
606	Oxidative stress in obesity-associated hepatocellular carcinoma: sources, signaling and therapeutic challenges. <i>Oncogene</i> , 2021, 40, 5155-5167.	2.6	30
607	Role of NRF2 in Lung Cancer. <i>Cells</i> , 2021, 10, 1879.	1.8	35
608	The impact of mitochondria on cancer treatment resistance. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 983-995.	2.1	15
609	Nrf2, the Major Regulator of the Cellular Oxidative Stress Response, is Partially Disordered. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7434.	1.8	19
610	Immunohistochemical Characterisation of GLUT1, MMP3 and NRF2 in Osteosarcoma. <i>Frontiers in Veterinary Science</i> , 2021, 8, 704598.	0.9	2
611	Targeted Inhibition of Anti-Inflammatory Regulator Nrf2 Results in Breast Cancer Retardation In Vitro and In Vivo. <i>Biomedicines</i> , 2021, 9, 1119.	1.4	25
612	Assessment of Neurotoxicity Following Single and Co-exposure of Cadmium and Mercury in Adult Zebrafish: Behavior Alterations, Oxidative Stress, Gene Expression, and Histological Impairment in Brain. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	15
613	Effect of ultraviolet radiation on the Nrf2 signaling pathway in skin cells. <i>International Journal of Radiation Biology</i> , 2021, 97, 1383-1403.	1.0	31
614	Lichen-Derived Depsides and Depsidones Modulate the Nrf2, NF- κ B and STAT3 Signaling Pathways in Colorectal Cancer Cells. <i>Molecules</i> , 2021, 26, 4787.	1.7	10
615	<scp>PHLDA3</scp> inhibition protects against myocardial ischemia/reperfusion injury by alleviating oxidative stress and inflammatory response via the Akt/Nrf2 axis. <i>Environmental Toxicology</i> , 2021, 36, 2266-2277.	2.1	8
616	Reactive oxygen species in cancer: Current findings and future directions. <i>Cancer Science</i> , 2021, 112, 3945-3952.	1.7	207

#	ARTICLE	IF	CITATIONS
617	NRF2 Mediates Therapeutic Resistance to Chemoradiation in Colorectal Cancer through a Metabolic Switch. <i>Antioxidants</i> , 2021, 10, 1380.	2.2	7
618	Supramolecular self-assembled DNA nanosystem for synergistic chemical and gene regulations on cancer cells. <i>Angewandte Chemie</i> , 0, , .	1.6	0
619	Nrf2 Mutation/Activation Is Dispensable for the Development of Chemically Induced Mouse HCC. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2022, 13, 113-127.	2.3	4
620	An Overview of the Genomic Characterization of Hepatocellular Carcinoma. <i>Journal of Hepatocellular Carcinoma</i> , 2021, Volume 8, 1077-1088.	1.8	8
621	Supramolecular Self-Assembled DNA Nanosystem for Synergistic Chemical and Gene Regulations on Cancer Cells. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 25557-25566.	7.2	36
622	Biological activity and subchronic toxicity study of <i>Allanblackia floribunda</i> Oliv. on experimental rats. <i>Scientific African</i> , 2021, 13, e00950.	0.7	1
623	The nexus between redox state and intermediary metabolism. <i>FEBS Journal</i> , 2022, 289, 5440-5462.	2.2	7
624	Malvidin Protects against and Repairs Peptic Ulcers in Mice by Alleviating Oxidative Stress and Inflammation. <i>Nutrients</i> , 2021, 13, 3312.	1.7	20
625	Cox15 is a novel oncogene that required for lung cancer cell proliferation. <i>Biochemical and Biophysical Research Communications</i> , 2021, 578, 70-76.	1.0	5
626	Emodin attenuates CY-induced oxidative injury in PBLs of the blunt snout bream (<i>Megalobrama</i>) Tj ETQq1 1 0.784314 rgBT /Overlock	1.7	7
627	Tumor metabolic reprogramming in therapeutic resistance. , 2021, , 199-225.		0
628	Drug Resistance in Glioblastoma: The Two Faces of Oxidative Stress. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 620677.	1.6	80
629	The potential roles of Nrf2/Keap1 signaling in anticancer drug interactions. <i>Current Research in Pharmacology and Drug Discovery</i> , 2021, 2, 100028.	1.7	10
630	Reactive oxygen species and DNA damage response in cancer. <i>International Review of Cell and Molecular Biology</i> , 2021, 364, 139-161.	1.6	67
631	Melanoma Metabolism. , 2019, , 1-24.		1
632	Inflammation and Lung Cancer: The Relationship to Chronic Obstructive Pulmonary Disease. , 2015, , 1-21.		2
633	Fatal Alliance of Hypoxia-/HIF-1 α -Driven Microenvironmental Traits Promoting Cancer Progression. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1232, 169-176.	0.8	51
634	Hereditary Renal Cell Carcinoma. , 2017, , 19-82.		1

#	ARTICLE	IF	CITATIONS
635	The Molecular Mechanisms of Regulating Oxidative Stress-Induced Ferroptosis and Therapeutic Strategy in Tumors. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-14.	1.9	69
636	Hepatoblastoma modeling in mice places Nrf2 within a cancer field established by mutant β -catenin. <i>JCI Insight</i> , 2016, 1, e88549.	2.3	24
637	Synthetic triterpenoid induces 15-PGDH expression and suppresses inflammation-driven colon carcinogenesis. <i>Journal of Clinical Investigation</i> , 2014, 124, 2472-2482.	3.9	44
638	Sulforaphane induces colorectal cancer cell proliferation through Nrf2 activation in a p53-dependent manner. <i>Applied Biological Chemistry</i> , 2020, 63, .	0.7	13
639	Activation of the Keap1-Nrf2 pathway by specioside and the n-butanol extract from the inner bark of <i>Tabebuia rosea</i> (Bertol) DC. <i>F1000Research</i> , 2020, 9, 1262.	0.8	1
640	WDR23 regulates NRF2 independently of KEAP1. <i>PLoS Genetics</i> , 2017, 13, e1006762.	1.5	77
641	Insight into the Intermolecular Recognition Mechanism between Keap1 and IKK β Combining Homology Modelling, Protein-Protein Docking, Molecular Dynamics Simulations and Virtual Alanine Mutation. <i>PLoS ONE</i> , 2013, 8, e75076.	1.1	42
642	Cancer Cell Growth Is Differentially Affected by Constitutive Activation of NRF2 by KEAP1 Deletion and Pharmacological Activation of NRF2 by the Synthetic Triterpenoid, RTA 405. <i>PLoS ONE</i> , 2015, 10, e0135257.	1.1	43
643	TFEB ameliorates the impairment of the autophagy-lysosome pathway in neurons induced by doxorubicin. <i>Aging</i> , 2016, 8, 3507-3519.	1.4	47
644	Glucose negatively affects Nrf2/SKN-1-mediated innate immunity in <i>C. elegans</i> . <i>Aging</i> , 2018, 10, 3089-3103.	1.4	16
645	Ginsenoside Rh3 activates Nrf2 signaling and protects endometrial cells from oxygen and glucose deprivation-reoxygenation. <i>Aging</i> , 2020, 12, 6109-6119.	1.4	11
646	Integrated data analysis reveals significant associations of KEAP1 mutations with DNA methylation alterations in lung adenocarcinomas. <i>Aging</i> , 2020, 12, 7183-7206.	1.4	7
647	Metformin suppresses Nrf2-mediated chemoresistance in hepatocellular carcinoma cells by increasing glycolysis. <i>Aging</i> , 2020, 12, 17582-17600.	1.4	23
648	Enhancer-bound Nrf2 licenses HIF-1 α transcription under hypoxia to promote cisplatin resistance in hepatocellular carcinoma cells. <i>Aging</i> , 2021, 13, 364-375.	1.4	14
649	NRF2 and glutathione are key resistance mediators to temozolomide in glioma and melanoma cells. <i>Oncotarget</i> , 2016, 7, 48081-48092.	0.8	94
650	SC79 protects retinal pigment epithelium cells from UV radiation <i>via</i> activating Akt-Nrf2 signaling. <i>Oncotarget</i> , 2016, 7, 60123-60132.	0.8	78
651	Peroxiredoxin I is important for cancer-cell survival in Ras-induced hepatic tumorigenesis. <i>Oncotarget</i> , 2016, 7, 68044-68056.	0.8	20
652	Understanding the role of NRF2-regulated miRNAs in human malignancies. <i>Oncotarget</i> , 2013, 4, 1130-1142.	0.8	57

#	ARTICLE	IF	CITATIONS
653	Von Hippel-Lindau regulates interleukin-32 ¹² stability in ovarian cancer cells. <i>Oncotarget</i> , 2017, 8, 69833-69846.	0.8	6
654	The prognostic value of NRF2 in solid tumor patients: a meta-analysis. <i>Oncotarget</i> , 2018, 9, 1257-1265.	0.8	11
655	Drug metabolism and clearance system in tumor cells of patients with multiple myeloma. <i>Oncotarget</i> , 2015, 6, 6431-6447.	0.8	23
656	Cytokeratin-19 positivity is acquired along cancer progression and does not predict cell origin in rat hepatocarcinogenesis. <i>Oncotarget</i> , 2015, 6, 38749-38763.	0.8	24
657	Nrf2 is the key to chemotherapy resistance in MCF7 breast cancer cells under hypoxia. <i>Oncotarget</i> , 2016, 7, 14659-14672.	0.8	83
658	NRF2 and p53: Januses in cancer?. <i>Oncotarget</i> , 2012, 3, 1272-1283.	0.8	88
659	Emerging role of nuclear factor erythroid 2-related factor 2 in the mechanism of action and resistance to anticancer therapies. , 2019, 2, 490-515.		4
660	Metformin reverses chemoresistance in non-small cell lung cancer via accelerating ubiquitination-mediated degradation of Nrf2. <i>Translational Lung Cancer Research</i> , 2020, 9, 2337-2355.	1.3	28
661	The Effects of Dietary Supplements that Overactivate the Nrf2/ARE System. <i>Current Medicinal Chemistry</i> , 2020, 27, 2077-2094.	1.2	17
662	The Role of Antioxidants in Cancer, Friends or Foes?. <i>Current Pharmaceutical Design</i> , 2019, 24, 5234-5244.	0.9	46
663	Molecular Mechanisms of Nickel-Induced Carcinogenesis. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2020, 20, 1015-1023.	0.6	14
664	A Matter of Context: How an Understanding of Redox Homeostasis Informs the Consideration of Pro-oxidant Strategies to Target Tuberculosis, HIV, and Cancer Metastasis. <i>Acta Scientifci Nutritional Health</i> , 2019, 3, 81-86.	0.1	1
665	The mutational landscape of hepatocellular carcinoma. <i>Clinical and Molecular Hepatology</i> , 2015, 21, 220.	4.5	108
666	Protective Role of Nrf2 in Renal Disease. <i>Antioxidants</i> , 2021, 10, 39.	2.2	46
667	Zinc finger E-box-binding homeobox 1 mediates aerobic glycolysis<i>via</i> suppression of sirtuin 3 in pancreatic cancer. <i>World Journal of Gastroenterology</i> , 2018, 24, 4893-4905.	1.4	15
668	Glutathione de novo synthesis but not recycling process coordinates with glutamine catabolism to control redox homeostasis and directs murine T cell differentiation. <i>ELife</i> , 2018, 7, .	2.8	116
669	Clinicopathologic significance of CXCR4 and Nrf2 in colorectal cancer. <i>Journal of Biomedical Research</i> , 2013, 27, 283.	0.7	28
670	Halofuginone enhances the anti-tumor effect of ALA-PDT by suppressing NRF2 signaling in cSCC. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 37, 102572.	1.3	3

#	ARTICLE	IF	CITATIONS
672	Bacterial Infections Affect Male Fertility: A Focus on the Oxidative Stress-Autophagy Axis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 727812.	1.8	15
673	Profile of esophageal squamous cell carcinoma mutations in Brazilian patients. <i>Scientific Reports</i> , 2021, 11, 20596.	1.6	2
674	Impaired antioxidant KEAP1-NRF2 system in amyotrophic lateral sclerosis: NRF2 activation as a potential therapeutic strategy. <i>Molecular Neurodegeneration</i> , 2021, 16, 71.	4.4	27
675	Ferroptosis: At the Crossroad of Gemcitabine Resistance and Tumorigenesis in Pancreatic Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10944.	1.8	30
676	Impact of Nuclear Factor Erythroid 2-Related Factor 2 in Hepatocellular Carcinoma: Cancer Metabolism and Immune Status. <i>Hepatology Communications</i> , 2022, 6, 665-678.	2.0	10
677	Isosinensetin alleviates the injury of human bronchial epithelial cells induced by PM _{2.5} . <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1435.	0.8	6
678	The tumor suppression theory of aging. <i>Mechanisms of Ageing and Development</i> , 2021, 200, 111583.	2.2	8
679	Fight Back: Adaptive Responses to Toxicant Exposure. , 2014, , 127-149.		0
681	Ethanol Extracts of <i>Rheum undulatum</i> and <i>Inula japonica</i> Protect Against Oxidative Damages on Human Keratinocyte HaCaT cells through the Induction of ARE/NRF2-dependent Phase II Cytoprotective Enzymes. <i>Journal of Life Science</i> , 2017, 27, 310-317.	0.2	0
683	Metabolism: The Sweet Spot in Melanoma Precision Medicine?. , 2018, , 1-24.		0
684	Sulforaphane and Its Relationship with the Intestinal Flora. <i>International Journal of Current Research and Review (discontinued)</i> , 2018, 10, 20-23.	0.1	0
685	Quranic Verse No. 8 of Surat Al-Jumu'ah Leads us to Describe Cancer and Determine Its True Cause (Part-III). <i>CellBio</i> , 2018, 07, 35-49.	1.3	1
687	Decreased expression of the Keap1 gene and its clinicopathological significance in gastric cancer: correlation with promoter DNA methylation. <i>Gazzetta Medica Italiana Archivio Per Le Scienze Mediche</i> , 2019, 178, .	0.0	3
691	Nrf2/Keap1/ARE signaling: Towards specific regulation. <i>Life Sciences</i> , 2022, 291, 120111.	2.0	147
692	Redox sensitive miR-27a/b/Nrf2 signaling in Cr(VI)-induced carcinogenesis. <i>Science of the Total Environment</i> , 2022, 809, 151118.	3.9	15
695	Molecular Mechanisms of Nrf2 in Inflammation: Interactions Between Nrf2 and Inflammatory Mediators. <i>Agents and Actions Supplements</i> , 2020, , 1-21.	0.2	0
698	The Key Role of the WNT/ β -Catenin Pathway in Metabolic Reprogramming in Cancers under Normoxic Conditions. <i>Cancers</i> , 2021, 13, 5557.	1.7	36
699	Activation of the Keap1-Nrf2 pathway by specioside and the n-butanol extract from the inner bark of <i>Tabebuia rosea</i> (Bertol) DC. <i>F1000Research</i> , 0, 9, 1262.	0.8	1

#	ARTICLE	IF	CITATIONS
700	Prognostic and clinicopathological significance of NRF2 expression in non-small cell lung cancer: A meta-analysis. PLoS ONE, 2020, 15, e0241241.	1.1	10
701	Chemosensitization of Tumor Cells by Phenolic Antioxidants: The Role of the Nrf2 Transcription Factor. Biophysics (Russian Federation), 2020, 65, 920-930.	0.2	5
702	Heterogeneous genomic aberrations in esophageal squamous cell carcinoma: a review. American Journal of Translational Research (discontinued), 2020, 12, 1553-1568.	0.0	5
703	The therapeutic value of XL388 in human glioma cells. Aging, 2020, 12, 22550-22563.	1.4	2
704	Evaluation of Nrf2, Keap1 and Apoptotic Pathway Genes Expression in Acute Myeloid Leukemia Patients. Iranian Journal of Pharmaceutical Research, 2021, 20, 398-407.	0.3	0
705	Molecular hydrogen as a nutraceutical for extending the health span. , 2022, , 757-770.		0
706	Senolytic Phytocompounds in Redox Signaling. Healthy Ageing and Longevity, 2022, , 255-283.	0.2	3
707	Oxidative stress parameters and Keap1 variants in T2DM: Association with T2DM, diabetic neuropathy, diabetic retinopathy, and obesity. Journal of Clinical Laboratory Analysis, 2022, 36, e24163.	0.9	11
710	The therapeutic value of XL388 in human glioma cells. Aging, 2020, 12, 22550-22563.	1.4	3
711	Hepatocellular Carcinoma: Molecular Pathogenesis and Therapeutic Advances. Cancers, 2022, 14, 621.	1.7	34
712	Integrative clinical and molecular characterization of translocation renal cell carcinoma. Cell Reports, 2022, 38, 110190.	2.9	40
713	From Microenvironment Remediation to Novel Anti-Cancer Strategy: The Emergence of Zero Valent Iron Nanoparticles. Pharmaceutics, 2022, 14, 99.	2.0	3
714	The Potential Mechanisms by which Artemisinin and Its Derivatives Induce Ferroptosis in the Treatment of Cancer. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-12.	1.9	24
715	Oxidative Stress and Cancer: Role of the Nrf2-Antioxidant Response Element Signaling Pathway. , 2022, , 957-973.		0
716	Nrf2 signaling pathway in trace metal carcinogenesis: A cross-talk between oxidative stress and angiogenesis. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2022, 254, 109266.	1.3	6
717	Role for Plant-Derived Antioxidants in Attenuating Cancer Cachexia. Antioxidants, 2022, 11, 183.	2.2	8
719	Inhibition of mitochondrial LonP1 protease by allosteric blockade of ATP binding and hydrolysis via CDDO and its derivatives. Journal of Biological Chemistry, 2022, 298, 101719.	1.6	6
720	Long-term exposure of the binary mixture of cadmium and mercury damages the developed ovary of adult zebrafish. Environmental Science and Pollution Research, 2022, 29, 44928-44938.	2.7	7

#	ARTICLE	IF	CITATIONS
721	Ferroptosis in cancer and cancer immunotherapy. <i>Cancer Communications</i> , 2022, 42, 88-116.	3.7	179
722	Targeting multidrug resistance-associated protein 1 (MRP1)-expressing cancers: Beyond pharmacological inhibition. <i>Drug Resistance Updates</i> , 2021, 59, 100795.	6.5	38
723	Targeting ferroptosis for cancer therapy: iron metabolism and anticancer immunity. <i>American Journal of Cancer Research</i> , 2021, 11, 5508-5525.	1.4	2
724	Role of Stem Cells and Reactive Oxygen Species in Cancer. , 2022, , 1-16.		0
725	The Polymorphisms of Genes Encoding Catalytic Antioxidant Proteins Modulate the Susceptibility and Progression of Testicular Germ Cell Tumor. <i>Cancers</i> , 2022, 14, 1068.	1.7	6
726	Two Faces of Nrf2 in Cancer. , 0, , .		0
727	Oncogenic Pathways in Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3223.	1.8	9
728	Increased expression of Nrf2 and elevated glucose uptake in pheochromocytoma and paraganglioma with SDHB gene mutation. <i>BMC Cancer</i> , 2022, 22, 289.	1.1	3
729	Methods for the Discovery and Identification of Small Molecules Targeting Oxidative Stress-Related Protein-Protein Interactions: An Update. <i>Antioxidants</i> , 2022, 11, 619.	2.2	6
730	Oxidative Stress in Autism Spectrum Disorder-Current Progress of Mechanisms and Biomarkers. <i>Frontiers in Psychiatry</i> , 2022, 13, 813304.	1.3	39
731	Vegetable microgreens: The gleam of next generation super foods, their genetic enhancement, health benefits and processing approaches. <i>Food Research International</i> , 2022, 155, 111038.	2.9	39
732	Haploinsufficiency by minute MutL homolog 1 promoter DNA methylation may represent unique phenotypes of microsatellite instability-gastric carcinogenesis. <i>PLoS ONE</i> , 2021, 16, e0260303.	1.1	0
734	Manipulations of Glutathione Metabolism Modulate IP3-Mediated Store-Operated Ca ²⁺ Entry on Astrogloma Cell Line. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 785727.	1.7	3
735	New Discoveries and Ambiguities of Nrf2 and ATF3 Signaling in Environmental Arsenic-Induced Carcinogenesis. <i>Antioxidants</i> , 2022, 11, 77.	2.2	4
736	Hippo Pathway in Regulating Drug Resistance of Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13431.	1.8	15
737	Metabolic response to radiation therapy in cancer. <i>Molecular Carcinogenesis</i> , 2022, 61, 200-224.	1.3	3
738	Histone Methyltransferase DOT1L as a Promising Epigenetic Target for Treatment of Solid Tumors. <i>Frontiers in Genetics</i> , 2022, 13, 864612.	1.1	22
739	Abnormal phenotype of Nrf2 is associated with poor prognosis through hypoxic/VEGF-A-Rap1b/VEGFR2 pathway in gastric cancer. <i>Aging</i> , 2022, 14, 3293-3312.	1.4	4

#	ARTICLE	IF	CITATIONS
740	A rational foundation for micheliolide-based combination strategy by targeting redox and metabolic circuit in cancer cells. <i>Biochemical Pharmacology</i> , 2022, 200, 115037.	2.0	4
742	Association of Nrf2 expression and mutation with Weiss and Helsinki scores in adrenocortical carcinoma. <i>Cancer Science</i> , 2022, , .	1.7	1
744	The roles of E3 ligases in Hepatocellular carcinoma.. <i>American Journal of Cancer Research</i> , 2022, 12, 1179-1214.	1.4	0
745	The Relationship of Redox With Hallmarks of Cancer: The Importance of Homeostasis and Context. <i>Frontiers in Oncology</i> , 2022, 12, 862743.	1.3	28
746	Autophagy and pluripotency: self-eating your way to eternal youth. <i>Trends in Cell Biology</i> , 2022, 32, 868-882.	3.6	8
747	Role of Nrf2 Signaling Cascade in Breast Cancer: Strategies and Treatment. <i>Frontiers in Pharmacology</i> , 2022, 13, 720076.	1.6	27
748	A Review on Autism Spectrum Disorder: Pathogenesis, Biomarkers, Pharmacological and Non-Pharmacological Interventions. <i>CNS and Neurological Disorders - Drug Targets</i> , 2023, 22, 659-677.	0.8	4
749	Systematic discovery of mutation-directed neo-protein-protein interactions in cancer. <i>Cell</i> , 2022, 185, 1974-1985.e12.	13.5	17
750	Role of Phytochemicals in Skin Photoprotection via Regulation of Nrf2. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	26
751	HRD1 in human malignant neoplasms: Molecular mechanisms and novel therapeutic strategy for cancer. <i>Life Sciences</i> , 2022, 301, 120620.	2.0	10
752	A MXene-derived redox homeostasis regulator perturbs the Nrf2 antioxidant program for reinforced sonodynamic therapy. <i>Chemical Science</i> , 2022, 13, 6704-6714.	3.7	30
753	Simulated microgravity promotes oxidative stress-induced apoptosis in ARPE-19 cells associated with Nrf2 signaling pathway. <i>Acta Astronautica</i> , 2022, 198, 161-169.	1.7	2
754	The Role of NRF2/KEAP1 Pathway in Glioblastoma: Pharmacological Implications. , 2022, 39, 91.		3
755	Activation of the transcription factor NRF2 mediates the anti-inflammatory properties of a subset of over-the-counter and prescription NSAIDs. <i>Immunity</i> , 2022, 55, 1082-1095.e5.	6.6	21
756	The Cytoprotective Activity of Nrf2 Is Regulated by Phytochemicals (Sulforaphane, Curcumin, and) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.2	0
757	Mutational Activation of the NRF2 Pathway Upregulates Kynureninase Resulting in Tumor Immunosuppression and Poor Outcome in Lung Adenocarcinoma. <i>Cancers</i> , 2022, 14, 2543.	1.7	16
758	A supramolecular photosensitizer derived from an Arene-Ru(II) complex self-assembly for NIR activated photodynamic and photothermal therapy. <i>Nature Communications</i> , 2022, 13, .	5.8	58
759	Roles of NRF2 in Fibrotic Diseases: From Mechanisms to Therapeutic Approaches. <i>Frontiers in Physiology</i> , 2022, 13, .	1.3	9

#	ARTICLE	IF	CITATIONS
760	Epigenetic Therapeutics Targeting NRF2/KEAP1 Signaling in Cancer Oxidative Stress. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	11
761	Arsenic Trioxide and Venetoclax Synergize against AML Progenitors by ROS Induction and Inhibition of Nrf2 Activation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6568.	1.8	9
762	Quercetin Mitigates Cisplatin-Induced Oxidative Damage and Apoptosis in Cardiomyocytes through Nrf2/HO-1 Signaling Pathway. <i>The American Journal of Chinese Medicine</i> , 2022, 50, 1281-1298.	1.5	18
763	Self-Sustained Regulation or Self-Perpetuating Dysregulation: ROS-dependent HIF-YAP-Notch Signaling as a Double-Edged Sword on Stem Cell Physiology and Tumorigenesis. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	4
764	The Putative Role of Astaxanthin in Neuroinflammation Modulation: Mechanisms and Therapeutic Potential. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	7
765	Structure-based drug design (SBDD). , 2022, , 181-229.		2
766	The Nuclear Translocation of Heme Oxygenase-1 in Human Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	9
767	Longevity-Promoting Pathways and Transcription Factors Respond to and Control Extracellular Matrix Dynamics During Aging and Disease. <i>Frontiers in Aging</i> , 0, 3, .	1.2	11
768	Free docosahexaenoic acid promotes ferroptotic cell death via lipoxygenase dependent and independent pathways in cancer cells. <i>European Journal of Nutrition</i> , 2022, 61, 4059-4075.	1.8	21
769	G6PD-mediated increase in de novo NADP ⁺ biosynthesis promotes antioxidant defense and tumor metastasis. <i>Science Advances</i> , 2022, 8, .	4.7	15
770	The Role of KEAP1-NRF2 System in Atopic Dermatitis and Psoriasis. <i>Antioxidants</i> , 2022, 11, 1397.	2.2	13
771	The molecular biology and therapeutic potential of Nrf2 in leukemia. <i>Cancer Cell International</i> , 2022, 22, .	1.8	13
772	LTBP2 Knockdown Promotes Ferroptosis in Gastric Cancer Cells through p62-Keap1-Nrf2 Pathway. <i>BioMed Research International</i> , 2022, 2022, 1-15.	0.9	4
773	Chlorogenic Acid, the Main Antioxidant in Coffee, Reduces Radiation-Induced Apoptosis and DNA Damage via NF-E2-Related Factor 2 (Nrf2) Activation in Hepatocellular Carcinoma. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-14.	1.9	13
774	T-Box Transcription Factor 2 Enhances Chemoresistance of Endometrial Cancer by Mediating NRF2 Expression. <i>Current Protein and Peptide Science</i> , 2022, 23, 563-570.	0.7	1
776	NRF2 and Mitochondrial Function in Cancer and Cancer Stem Cells. <i>Cells</i> , 2022, 11, 2401.	1.8	27
777	Induction of ferroptosis in head and neck cancer: A novel bridgehead for fighting cancer resilience. <i>Cancer Letters</i> , 2022, 546, 215854.	3.2	12
778	Natural compound glycyrrhetic acid protects against doxorubicin-induced cardiotoxicity by activating the Nrf2/HO-1 signaling pathway. <i>Phytomedicine</i> , 2022, 106, 154407.	2.3	21

#	ARTICLE	IF	CITATIONS
779	Role of Stem Cells and Reactive Oxygen Species in Cancer. , 2022, , 2117-2132.		0
780	Metabolic dysregulation in cancer progression. , 2022, , 1-39.		0
781	Targeting Natural Compounds to Mitochondria as a Novel Strategy for Cancer Therapy. , 2022, , 465-487.		0
782	Regulation of Nrf2 and Nrf2-related proteins by ganoderma lucidum Å±n hepatocellular carcinoma. Molecular Biology Reports, 2022, 49, 9605-9612.	1.0	0
785	The KEAP1-NRF2 System and Esophageal Cancer. Cancers, 2022, 14, 4702.	1.7	11
786	NRF2 mediates melanoma addiction to GCDH by modulating apoptotic signalling. Nature Cell Biology, 2022, 24, 1422-1432.	4.6	9
787	Role of autophagy in liver diseases. Current Opinion in Physiology, 2022, , 100594.	0.9	0
788	Understanding the Role of NRF2 Signalling in Cancer. Current Protein and Peptide Science, 2022, 23, 672-683.	0.7	2
789	The Self-Administered Use of Complementary and Alternative Medicine (CAM) Supplements and Antioxidants in Cancer Therapy and the Critical Role of Nrf-2â€™A Systematic Review. Antioxidants, 2022, 11, 2149.	2.2	6
790	Principles and functions of metabolic compartmentalization. Nature Metabolism, 2022, 4, 1232-1244.	5.1	28
791	CoQ10 reduces glioblastoma growth and infiltration through proteome remodeling and inhibition of angiogenesis and inflammation. Cellular Oncology (Dordrecht), 2023, 46, 65-77.	2.1	2
792	NAC, NAC, Knockinâ€™™ on Heaven's door: Interpreting the mechanism of action of N-acetylcysteine in tumor and immune cells. Redox Biology, 2022, 57, 102497.	3.9	20
793	Expression and localization of NRF2/Keap1 signalling pathway genes in mouse preimplantation embryos exposed to free fatty acids. Gene Expression Patterns, 2022, 46, 119281.	0.3	3
794	Diesel exhaust particle exposure accelerates oxidative DNA damage and cytotoxicity in normal human bronchial epithelial cells through PD-L1. Environmental Pollution, 2023, 317, 120705.	3.7	3
795	Exploring structural effects in a new class of NRF2 inhibitors. RSC Medicinal Chemistry, 2023, 14, 74-84.	1.7	1
796	Periplocin exerts antitumor activity by regulating Nrf2-mediated signaling pathway in gemcitabine-resistant pancreatic cancer cells. Biomedicine and Pharmacotherapy, 2023, 157, 114039.	2.5	5
797	Structural basis of Nrf2 activation by flavonolignans from silymarin. Journal of Molecular Graphics and Modelling, 2023, 119, 108393.	1.3	0
798	Metabolic targeting, immunotherapy and radiation in locally advanced non-small cell lung cancer: Where do we go from here?. Frontiers in Oncology, 0, 12, .	1.3	0

#	ARTICLE	IF	CITATIONS
799	Importance of lactate dehydrogenase (LDH) and monocarboxylate transporters (MCTs) in cancer cells. <i>Health Science Reports</i> , 2023, 6, .	0.6	5
800	Mitochondria-targeted iridium-based photosensitizers enhancing photodynamic therapy effect by disturbing cellular redox balance. <i>Free Radical Biology and Medicine</i> , 2023, 195, 121-131.	1.3	7
801	Isolation and Identification of Anti-Inflammatory Peptide from Goose Blood Hydrolysate to Ameliorate LPS-Mediated Inflammation and Oxidative Stress in RAW264.7 Macrophages. <i>Molecules</i> , 2022, 27, 8816.	1.7	3
804	The Triterpenoid CDDO-Methyl Ester Redirects Macrophage Polarization and Reduces Lung Tumor Burden in a Nrf2-Dependent Manner. <i>Antioxidants</i> , 2023, 12, 116.	2.2	2
805	Inhibitors of Keap1-Nrf2 protein-protein interaction reduce estrogen responsive gene expression and oxidative stress in estrogen receptor-positive breast cancer. <i>Toxicology and Applied Pharmacology</i> , 2023, 460, 116375.	1.3	3
806	<sc>R</sc>edoxâ€metabolic reprogramming of skin in mice lacking functional Nrf2 under basal conditions and cold acclimation. <i>BioFactors</i> , 2023, 49, 600-611.	2.6	0
807	An Approach to Evaluate the Effective Cytoplasmic Concentration of Bioactive Agents Interacting with a Selected Intracellular Target Protein. <i>Pharmaceutics</i> , 2023, 15, 324.	2.0	4
808	Kynureninase Upregulation Is a Prominent Feature of NRF2-Activated Cancers and Is Associated with Tumor Immunosuppression and Poor Prognosis. <i>Cancers</i> , 2023, 15, 834.	1.7	4
809	Intestinal permeability, microbiota composition, and expression of genes related to intestinal barrier function of broiler chickens fed different methionine sources supplemented at varying concentrations. <i>Poultry Science</i> , 2023, 102, 102656.	1.5	2
810	Nrf2 silencing amplifies DNA photooxidative damage to activate the STING pathway for synergistic tumor immunotherapy. <i>Biomaterials</i> , 2023, 296, 122068.	5.7	6
811	Resveratrol regulates inflammation and improves oxidative stress via Nrf2 signaling pathway: Therapeutic and biotechnological prospects. <i>Phytotherapy Research</i> , 2023, 37, 1590-1605.	2.8	15
812	The critical role of the phytosterols in modulating tumor microenvironment via multiple signaling: A comprehensive molecular approach. <i>Phytotherapy Research</i> , 2023, 37, 1606-1623.	2.8	4
813	Terminators or Guardians? Design, Synthesis, and Cytotoxicity Profiling of Chalcone-Sulfonamide Hybrids. <i>ACS Omega</i> , 2023, 8, 7666-7683.	1.6	9
814	NRF2 activation induces NADH-reductive stress, providing a metabolic vulnerability in lung cancer. <i>Cell Metabolism</i> , 2023, 35, 487-503.e7.	7.2	26
815	Repurposed pizotifen malate targeting NRF2 exhibits anti-tumor activity through inducing ferroptosis in esophageal squamous cell carcinoma. <i>Oncogene</i> , 2023, 42, 1209-1223.	2.6	8
816	Radiogenomics in Renal Cancer Managementâ€”Current Evidence and Future Prospects. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4615.	1.8	33
817	Molecular Mechanisms of Nemorosone-Induced Ferroptosis in Cancer Cells. <i>Cells</i> , 2023, 12, 735.	1.8	5
819	A small-molecule inhibitor of Keap1â€Nrf2 interaction attenuates sepsis by selectively augmenting the antibacterial defence of macrophages at infection sites. <i>EBioMedicine</i> , 2023, 90, 104480.	2.7	8

#	ARTICLE	IF	CITATIONS
820	Natural and synthetic compounds for glioma treatment based on ROS-mediated strategy. <i>European Journal of Pharmacology</i> , 2023, 953, 175537.	1.7	1
821	ARE-PROTACs Enable Co-degradation of an Nrf2-MafG Heterodimer. <i>Journal of Medicinal Chemistry</i> , 2023, 66, 6070-6081.	2.9	5
822	Stimulation of Nuclear Factor (Erythroid-Derived 2)-like 2 Signaling by Nucleus Targeted Irradiation with Proton Microbeam. <i>Biology</i> , 2023, 12, 419.	1.3	0
823	Modulation of redox homeostasis: A strategy to overcome cancer drug resistance. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	4
824	ÇÇèŠ±ä ¹ ™Ç'éÇšè;†è°fèŠ,Nrf2/HO-1éÇšè-æŠ'á~ŕæ°ŠâCE-â°"æ;€ä»¥âŠéÇšè;†è°fèŠ,AKTâ€•p38MAPK/NF-Î°BéÇšè-æŠ'á~ŕÇ,ŽÇ6-†ââ°"éÇ,,		
825	Identification of prognostic and therapeutic biomarkers in type 2 papillary renal cell carcinoma. <i>World Journal of Surgical Oncology</i> , 2023, 21, .	0.8	2
826	Optimal combination of arsenic trioxide and copper ions to prevent autoimmunity in a murine HOCl-induced model of systemic sclerosis. <i>Frontiers in Immunology</i> , 0, 14, .	2.2	5
827	Mori fructus aqueous extracts attenuates liver injury by inhibiting ferroptosis via the Nrf2 pathway. <i>Journal of Animal Science and Biotechnology</i> , 2023, 14, .	2.1	5
828	Role of Nrf2/HO-1 Signaling Pathway in the Genesis and Treatment of Gastric Cancer. <i>Advances in Clinical Medicine</i> , 2023, 13, 5536-5542.	0.0	0
829	Distinct Nrf2 Signaling Thresholds Mediate Lung Tumor Initiation and Progression. <i>Cancer Research</i> , 2023, 83, 1953-1967.	0.4	7
830	The role of the Nrf2/GSH antioxidant system in cisplatin resistance in malignant rhabdoid tumours. <i>Journal of Cancer Research and Clinical Oncology</i> , 0, , .	1.2	1
838	Localization, tissue biology and T cell state â€” implications for cancer immunotherapy. <i>Nature Reviews Immunology</i> , 2023, 23, 807-823.	10.6	10
850	Sâ€Glutathionylation and Sâ€Nitrosylation as Modulators of Redox-Dependent Processes in Cancer Cell. <i>Biochemistry (Moscow)</i> , 2023, 88, 924-943.	0.7	1
851	The mechanistic insights of the antioxidant Keap1-Nrf2 pathway in oncogenesis: a deadly scenario. , 2023, 40, .		1
855	FOXO transcription factors as mediators of stress adaptation. <i>Nature Reviews Molecular Cell Biology</i> , 2024, 25, 46-64.	16.1	5
866	Role of cancer stem cells in developing chemoresistance of solid tumor. , 2024, , 119-133.		0