

Oncogene-induced Nrf2 transcription promotes ROS de

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Citation Report

#	ARTICLE	IF	CITATIONS
1	When antioxidants are bad. <i>Nature</i> , 2011, 475, 43-44.	13.7	72
2	Formation and Signaling Actions of Electrophilic Lipids. <i>Chemical Reviews</i> , 2011, 111, 5997-6021.	23.0	280
3	Autophagy: Renovation of Cells and Tissues. <i>Cell</i> , 2011, 147, 728-741.	13.5	4,844
4	Metabolic Regulation of Hematopoietic Stem Cells in the Hypoxic Niche. <i>Cell Stem Cell</i> , 2011, 9, 298-310.	5.2	670
5	Antifragility and Tinkering in Biology (and in Business) Flexibility Provides an Efficient Epigenetic Way to Manage Risk. <i>Genes</i> , 2011, 2, 998-1016.	1.0	38
6	Oncogene detox programme. <i>Nature Reviews Cancer</i> , 2011, 11, 622-623.	12.8	7
7	Renal Cyst Formation in Fh1-Deficient Mice Is Independent of the Hif/Phd Pathway: Roles for Fumarate in KEAP1 Succination and Nrf2 Signaling. <i>Cancer Cell</i> , 2011, 20, 524-537.	7.7	494
8	Cyclooxygenase- and lipoxygenase-mediated DNA damage. <i>Cancer and Metastasis Reviews</i> , 2011, 30, 437-447.	2.7	44
9	Beta-Blockers and Oxidative Stress in Patients with Heart Failure. <i>Pharmaceuticals</i> , 2011, 4, 1088-1100.	1.7	52
10	Superoxide dismutase 1 (SOD1) is a target for a small molecule identified in a screen for inhibitors of the growth of lung adenocarcinoma cell lines. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 16375-16380.	3.3	124
11	Essential fatty acids enhance free radical generation and lipid peroxidation to induce apoptosis of tumor cells. <i>Clinical Lipidology</i> , 2011, 6, 463-489.	0.4	54
12	Distinct Redox Profiles of Selected Human Prostate Carcinoma Cell Lines: Implications for Rational Design of Redox Therapy. <i>Cancers</i> , 2011, 3, 3557-3584.	1.7	31
13	<i>in vivo</i> -Paclitaxel Potentiates Gemcitabine Activity by Reducing Cytidine Deaminase Levels in a Mouse Model of Pancreatic Cancer. <i>Cancer Discovery</i> , 2012, 2, 260-269.	7.7	359
14	The Yin and Yang of Nrf2-Regulated Selenoproteins in Carcinogenesis. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-8.	1.0	57
15	Reactive Oxygen Species in Health and Disease. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-14.	3.0	553
16	Cross-Regulations among NRFs and KEAP1 and Effects of their Silencing on Arsenic-Induced Antioxidant Response and Cytotoxicity in Human Keratinocytes. <i>Environmental Health Perspectives</i> , 2012, 120, 583-589.	2.8	53
17	Effects of the antioxidant drug tempol on renal oxygenation in mice with reduced renal mass. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, F64-F74.	1.3	36
18	Established Principles and Emerging Concepts on the Interplay between Mitochondrial Physiology and S-(De)nitrosylation: Implications in Cancer and Neurodegeneration. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-20.	1.0	27

#	ARTICLE	IF	CITATIONS
19	Prolonged sulforaphane treatment does not enhance tumorigenesis in oncogenic K-ras and xenograft mouse models of lung cancer. <i>Journal of Carcinogenesis</i> , 2012, 11, 8.	2.5	14
20	TCA Cycle Defects and Cancer: When Metabolism Tunes Redox State. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-9.	1.0	133
21	Selective Types of Autophagy. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-2.	1.0	51
22	A critical role for Mnt in Myc-driven T-cell proliferation and oncogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 19685-19690.	3.3	34
23	The indirect antioxidant sulforaphane protects against thiopurine-mediated photooxidative stress. <i>Carcinogenesis</i> , 2012, 33, 2457-2466.	1.3	39
24	Direct Oxidation of the [2Fe-2S] Cluster in SoxR Protein by Superoxide. <i>Journal of Biological Chemistry</i> , 2012, 287, 35702-35708.	1.6	48
25	The dark face of AMPK as an essential tumor promoter. <i>Cellular Logistics</i> , 2012, 2, 197-202.	0.9	67
26	Human Mut T homolog 1 (MTH1). <i>Small GTPases</i> , 2012, 3, 120-125.	0.7	37
27	Molecular Basis of Electrophilic and Oxidative Defense: Promises and Perils of Nrf2. <i>Pharmacological Reviews</i> , 2012, 64, 1055-1081.	7.1	265
28	ZNF143 transcription factor mediates cell survival through upregulation of the GPX1 activity in the mitochondrial respiratory dysfunction. <i>Cell Death and Disease</i> , 2012, 3, e422-e422.	2.7	32
29	Chemotherapeutic induction of mitochondrial oxidative stress activates GSK-3 β and Bax, leading to permeability transition pore opening and tumor cell death. <i>Cell Death and Disease</i> , 2012, 3, e444-e444.	2.7	62
30	The Role of Sulfhydryl Reactivity of Small Molecules for the Activation of the KEAP1/NRF2 Pathway and the Heat Shock Response. <i>Scientifica</i> , 2012, 2012, 1-19.	0.6	24
31	Autophagy: More Than a Nonselective Pathway. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-18.	1.0	128
32	Autophagy in Pancreatic Cancer. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-7.	1.0	24
33	The emerging role of fumarate as an oncometabolite. <i>Frontiers in Oncology</i> , 2012, 2, 85.	1.3	140
34	The Keap1-Nrf2 system in cancers: stress response and anabolic metabolism. <i>Frontiers in Oncology</i> , 2012, 2, 200.	1.3	305
35	The maintenance of mitochondrial genetic stability is crucial during the oncogenic process. <i>Communicative and Integrative Biology</i> , 2012, 5, 34-38.	0.6	5
36	Intracellular Signaling Cascade for the Protection Against Oxidative Stress:Nrf2/Keap1 System. <i>Kagaku To Seibutsu</i> , 2012, 50, 423-429.	0.0	2

#	ARTICLE	IF	CITATIONS
38	p62/SQSTM1/A170: Physiology and pathology. <i>Pharmacological Research</i> , 2012, 66, 457-462.	3.1	247
39	How cancer metabolism is tuned for proliferation and vulnerable to disruption. <i>Nature</i> , 2012, 491, 364-373.	13.7	800
40	The Mitochondrial Pyruvate Carrier: Has It Been Unearthed at Last?. <i>Cell Metabolism</i> , 2012, 16, 141-143.	7.2	38
41	Regulation of Phosphatidylinositol-5-Phosphate Signaling by Pin1 Determines Sensitivity to Oxidative Stress. <i>Science Signaling</i> , 2012, 5, ra86.	1.6	38
42	Genetically-defined metabolic reprogramming in cancer. <i>Trends in Endocrinology and Metabolism</i> , 2012, 23, 552-559.	3.1	72
43	Targeting autophagy for the treatment of liver diseases. <i>Pharmacological Research</i> , 2012, 66, 463-474.	3.1	63
44	The Keap1-Nrf2 Cell Defense Pathway – A Promising Therapeutic Target?. <i>Advances in Pharmacology</i> , 2012, 63, 43-79.	1.2	142
45	The Gamma Secretase Inhibitor MRK-003 Attenuates Pancreatic Cancer Growth in Preclinical Models. <i>Molecular Cancer Therapeutics</i> , 2012, 11, 1999-2009.	1.9	79
47	Mitochondria in relation to cancer metastasis. <i>Journal of Bioenergetics and Biomembranes</i> , 2012, 44, 623-627.	1.0	31
48	Dehydrozingerone, a Structural Analogue of Curcumin, Induces Cell-Cycle Arrest at the G2/M Phase and Accumulates Intracellular ROS in HT-29 Human Colon Cancer Cells. <i>Journal of Natural Products</i> , 2012, 75, 2088-2093.	1.5	69
49	Glutathione-S-Transferases As Determinants of Cell Survival and Death. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 1728-1737.	2.5	173
50	Silencing expression of ribosomal protein L26 and L29 by RNA interfering inhibits proliferation of human pancreatic cancer PANC-1 cells. <i>Molecular and Cellular Biochemistry</i> , 2012, 370, 127-139.	1.4	47
51	The canonical NF- κ B pathway differentially protects normal and human tumor cells from ROS-induced DNA damage. <i>Cellular Signalling</i> , 2012, 24, 2007-2023.	1.7	42
52	Involvement of heme oxygenase-1 in Korean colon cancer. <i>Tumor Biology</i> , 2012, 33, 1031-1038.	0.8	15
53	RAS signalling in the colorectum in health and disease. <i>Cell Communication and Adhesion</i> , 2012, 19, 1-9.	1.0	21
54	Nrf2: Friend & Foe in Preventing Cigarette Smoking-Dependent Lung Disease. <i>Chemical Research in Toxicology</i> , 2012, 25, 1805-1824.	1.7	66
56	Systems Responses of Rats to Mequindox Revealed by Metabolic and Transcriptomic Profiling. <i>Journal of Proteome Research</i> , 2012, 11, 4712-4721.	1.8	24
57	Biochemistry: A radical treatment. <i>Nature</i> , 2012, 489, S4-S6.	13.7	24

#	ARTICLE	IF	CITATIONS
58	The regulation of cancer cell death and metabolism by extracellular matrix attachment. <i>Seminars in Cell and Developmental Biology</i> , 2012, 23, 402-411.	2.3	107
59	Control of mitochondrial structure and function by the Yorkie/YAP oncogenic pathway. <i>Genes and Development</i> , 2012, 26, 2027-2037.	2.7	84
60	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
61	Synthesis and characterization of quinoline-based thiosemicarbazones and correlation of cellular iron-binding efficacy to anti-tumor efficacy. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 5527-5531.	1.0	61
62	8-Oxo-2- β -deoxyguanosine as a biomarker of tobacco-smoking-induced oxidative stress. <i>Free Radical Biology and Medicine</i> , 2012, 53, 610-617.	1.3	60
63	Regulatory role of KEAP1 and NRF2 in PPAR γ expression and chemoresistance in human non-small-cell lung carcinoma cells. <i>Free Radical Biology and Medicine</i> , 2012, 53, 758-768.	1.3	53
64	Integrated analysis of somatic mutations and focal copy-number changes identifies key genes and pathways in hepatocellular carcinoma. <i>Nature Genetics</i> , 2012, 44, 694-698.	9.4	1,229
65	The high Nrf2 expression in human acute myeloid leukemia is driven by NF- κ B and underlies its chemo-resistance. <i>Blood</i> , 2012, 120, 5188-5198.	0.6	225
66	Antioxidant and Anti-Protease Activities of Diazepinomicin from the Sponge-Associated Micromonospora Strain RV115. <i>Marine Drugs</i> , 2012, 10, 2208-2221.	2.2	66
67	Molecular mechanisms for the regulation of Nrf2-mediated cell proliferation in non-small-cell lung cancers. <i>Oncogene</i> , 2012, 31, 4768-4777.	2.6	140
68	Impact of reactive oxygen species on keratinocyte signaling pathways. <i>Journal of Dermatological Science</i> , 2012, 68, 3-8.	1.0	80
69	TrxR1 and GPx2 are potently induced by isothiocyanates and selenium, and mutually cooperate to protect Caco-2 cells against free radical-mediated cell death. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 1914-1924.	1.9	20
70	Nrf2 Orchestrates Fuel Partitioning for Cell Proliferation. <i>Cell Metabolism</i> , 2012, 16, 139-141.	7.2	49
71	Cholesterol and the development of clear-cell renal carcinoma. <i>Current Opinion in Pharmacology</i> , 2012, 12, 742-750.	1.7	48
72	NRF2 and cancer: the good, the bad and the importance of context. <i>Nature Reviews Cancer</i> , 2012, 12, 564-571.	12.8	876
73	Differential induction of apoptosis in human breast cancer cell lines by phenethyl isothiocyanate, a glutathione depleting agent. <i>Cell Stress and Chaperones</i> , 2012, 17, 529-538.	1.2	44
74	Liver autophagy: physiology and pathology. <i>Journal of Biochemistry</i> , 2012, 152, 5-15.	0.9	54
75	The emerging harm of antioxidants in carcinogenesis. <i>Future Oncology</i> , 2012, 8, 535-548.	1.1	12

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76	The "N-factors"™ in pancreatic cancer: functional relevance of NF- κ B, NFAT and Nrf2 in pancreatic cancer. <i>Oncogenesis</i> , 2012, 1, e35-e35.	2.1	33
77	Drugs for preventing lung cancer in healthy people. <i>The Cochrane Library</i> , 2012, 10, CD002141.	1.5	33
78	Antioxidant Treatment Promotes Prostate Epithelial Proliferation in Nkx3.1 Mutant Mice. <i>PLoS ONE</i> , 2012, 7, e46792.	1.1	17
79	Exposure to Nano-Sized Particles and the Emergence of Contemporary Diseases with a Focus on Epigenetics. , 2012, , .		3
80	Platinum Complexes with Bioactive Nitroxyl Radicals: Synthesis and Antitumor Properties. , 0, , .		3
81	Fumarate hydratase inactivation in renal tumors: HIF1 alpha, NRF2, and "cryptic targets" of transcription factors. <i>Chinese Journal of Cancer</i> , 2012, 31, 413-420.	4.9	33
82	Monensin Induced Oxidative Stress Reduces Prostate Cancer Cell Migration and Cancer Stem Cell Population. , 0, , .		2
83	Reactive Oxygen Species Reduction is a Key Underlying Mechanism of Drug Resistance in Cancer Chemotherapy. <i>Chemotherapy</i> , 2012, 01, .	0.0	4
84	A novel t(2;10)(q31;p12) balanced translocation in acute myeloid leukemia. <i>Hematology Reports</i> , 2012, 4, e27.	0.3	1
85	Functional Metabolic Screen Identifies 6-Phosphofructo-2-Kinase/Fructose-2,6-Biphosphatase 4 as an Important Regulator of Prostate Cancer Cell Survival. <i>Cancer Discovery</i> , 2012, 2, 328-343.	7.7	174
86	Deconvoluting the context-dependent role for autophagy in cancer. <i>Nature Reviews Cancer</i> , 2012, 12, 401-410.	12.8	1,486
87	Nrf2 links epidermal barrier function with antioxidant defense. <i>EMBO Molecular Medicine</i> , 2012, 4, 364-379.	3.3	153
88	p62 at the Interface of Autophagy, Oxidative Stress Signaling, and Cancer. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 786-793.	2.5	162
89	Oxidant-Induced Cell Death and Nrf2-Dependent Antioxidative Response Are Controlled by Fra-1/AP-1. <i>Molecular and Cellular Biology</i> , 2012, 32, 1694-1709.	1.1	18
90	Oncogenic Kras Maintains Pancreatic Tumors through Regulation of Anabolic Glucose Metabolism. <i>Cell</i> , 2012, 149, 656-670.	13.5	1,587
91	Reprogramming of proline and glutamine metabolism contributes to the proliferative and metabolic responses regulated by oncogenic transcription factor c-MYC. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8983-8988.	3.3	399
92	Resistance to chemotherapy in non-small cell lung cancer with Keap1 gene mutation. <i>International Cancer Conference Journal</i> , 2012, 1, 63-66.	0.2	0
93	Resistance of neuroblastoma GI-ME-N cell line to glutathione depletion involves Nrf2 and heme oxygenase-1. <i>Free Radical Biology and Medicine</i> , 2012, 52, 488-496.	1.3	40

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94	NRF2 inhibition represses ErbB2 signaling in ovarian carcinoma cells: Implications for tumor growth retardation and docetaxel sensitivity. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1773-1785.	1.3	39
95	Antioxidants for prostate cancer chemoprevention: Challenges and opportunities. <i>Biochemical Pharmacology</i> , 2012, 83, 1319-1330.	2.0	54
96	p38MAPK and ERK1/2 dictate cell death/survival response to different pro-oxidant stimuli via p53 and Nrf2 in neuroblastoma cells SH-SY5Y. <i>Biochemical Pharmacology</i> , 2012, 83, 1349-1357.	2.0	56
97	Physiological functions of GPx2 and its role in inflammation-triggered carcinogenesis. <i>Annals of the New York Academy of Sciences</i> , 2012, 1259, 19-25.	1.8	78
98	Senescence: a new weapon for cancer therapy. <i>Trends in Cell Biology</i> , 2012, 22, 211-219.	3.6	193
99	Accumulation of p62/SQSTM1 is associated with poor prognosis in patients with lung adenocarcinoma. <i>Cancer Science</i> , 2012, 103, 760-766.	1.7	177
100	Obesity, autophagy and the pathogenesis of liver and pancreatic cancers. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2012, 27, 10-14.	1.4	41
101	Bach1 is critical for the transformation of mouse embryonic fibroblasts by RasV12 and maintains ERK signaling. <i>Oncogene</i> , 2013, 32, 3231-3245.	2.6	20
102	Molecular Mechanisms of Tumor Cell Resistance to Chemotherapy. <i>Resistance To Targeted Anti-cancer Therapeutics</i> , 2013, , .	0.1	8
103	The secretome of colon cancer stem cells contains drug-metabolizing enzymes. <i>Journal of Proteomics</i> , 2013, 91, 84-96.	1.2	94
104	Redox homeostasis: the linchpin in stem cell self-renewal and differentiation. <i>Cell Death and Disease</i> , 2013, 4, e537-e537.	2.7	222
105	N-acetylcysteine Amide Augments the Therapeutic Effect of Neural Stem Cell-Based Antiglioma Oncolytic Virotherapy. <i>Molecular Therapy</i> , 2013, 21, 2063-2073.	3.7	27
106	Autophagy and Cancer. , 2013, , .		5
107	Conditioned Media Downregulates Nuclear Expression of Nrf2. <i>Cellular and Molecular Bioengineering</i> , 2013, 6, 130-137.	1.0	2
108	The Keap1-Nrf2 pathway: Mechanisms of activation and dysregulation in cancer. <i>Redox Biology</i> , 2013, 1, 45-49.	3.9	1,063
109	TIGAR Is Required for Efficient Intestinal Regeneration and Tumorigenesis. <i>Developmental Cell</i> , 2013, 25, 463-477.	3.1	154
110	PI3K/Akt Pathway Mediates Nrf2/ARE Activation in Human L02 Hepatocytes Exposed to Low-Concentration HBCDs. <i>Environmental Science & Technology</i> , 2013, 47, 12434-12440.	4.6	50
111	Jun dimerization protein 2 is a critical component of the Nrf2/MafK complex regulating the response to ROS homeostasis. <i>Cell Death and Disease</i> , 2013, 4, e921-e921.	2.7	53

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112	Nrf2 acts cell-autonomously in endothelium to regulate tip cell formation and vascular branching. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3910-8.	3.3	87
113	Interleukin-6 Is Required for Pancreatic Cancer Progression by Promoting MAPK Signaling Activation and Oxidative Stress Resistance. Cancer Research, 2013, 73, 6359-6374.	0.4	208
114	Modulation of oxidative stress as an anticancer strategy. Nature Reviews Drug Discovery, 2013, 12, 931-947.	21.5	2,735
115	Antioxidant Enzymes Mediate Survival of Breast Cancer Cells Deprived of Extracellular Matrix. Cancer Research, 2013, 73, 3704-3715.	0.4	114
116	Nrf2 Is Commonly Activated in Papillary Thyroid Carcinoma, and It Controls Antioxidant Transcriptional Responses and Viability of Cancer Cells. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E1422-E1427.	1.8	29
117	Nrf2 Prevents Initiation but Accelerates Progression through the Kras Signaling Pathway during Lung Carcinogenesis. Cancer Research, 2013, 73, 4158-4168.	0.4	208
118	The emerging role of the Nrf2-Keap1 signaling pathway in cancer. Genes and Development, 2013, 27, 2179-2191.	2.7	1,044
119	Cell death and diseases related to oxidative stress: 4-hydroxynonenal (HNE) in the balance. Cell Death and Differentiation, 2013, 20, 1615-1630.	5.0	417
120	Renal cell carcinoma: translational aspects of metabolism and therapeutic consequences. Kidney International, 2013, 84, 667-681.	2.6	28
121	Phosphorylation of p62 Activates the Keap1-Nrf2 Pathway during Selective Autophagy. Molecular Cell, 2013, 51, 618-631.	4.5	880
122	Non-Darwinian dynamics in therapy-induced cancer drug resistance. Nature Communications, 2013, 4, 2467.	5.8	244
123	Metformin inhibits heme oxygenase-1 expression in cancer cells through inactivation of Raf-ERK-Nrf2 signaling and AMPK-independent pathways. Toxicology and Applied Pharmacology, 2013, 271, 229-238.	1.3	104
124	Oxidative Stress Induced by Inactivation of TP53INP1 Cooperates with KrasG12D to Initiate and Promote Pancreatic Carcinogenesis in the Murine Pancreas. American Journal of Pathology, 2013, 182, 1996-2004.	1.9	34
125	TRC8 suppresses tumorigenesis through targeting heme oxygenase-1 for ubiquitination and degradation. Oncogene, 2013, 32, 2325-2334.	2.6	46
126	Hace1 controls ROS generation of vertebrate Rac1-dependent NADPH oxidase complexes. Nature Communications, 2013, 4, 2180.	5.8	94
127	Inhibition of the Nrf2 transcription factor by the alkaloid trigonelline renders pancreatic cancer cells more susceptible to apoptosis through decreased proteasomal gene expression and proteasome activity. Oncogene, 2013, 32, 4825-4835.	2.6	279
128	The Nrf2 cell defence pathway: Keap1-dependent and -independent mechanisms of regulation. Biochemical Pharmacology, 2013, 85, 705-717.	2.0	855
129	The transcription factor NF- κ B-related Factor 2 (Nrf2): a protooncogene?. FASEB Journal, 2013, 27, 414-423.	0.2	166

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130	The pharmacologic inhibition of the xc- antioxidant system improves the antitumor efficacy of COX inhibitors in the in vivo model of 3-MCA tumorigenesis. <i>Carcinogenesis</i> , 2013, 34, 620-626.	1.3	12
131	The Tumor Microenvironment: Characterization, Redox Considerations, and Novel Approaches for Reactive Oxygen Species-Targeted Gene Therapy. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 854-895.	2.5	97
132	SQSTM1 Is a Pathogenic Target of 5q Copy Number Gains in Kidney Cancer. <i>Cancer Cell</i> , 2013, 24, 738-750.	7.7	135
133	Less stress, more success? Oncological implications of surgery-induced oxidative stress. <i>Gut</i> , 2013, 62, 461-470.	6.1	41
134	Proteomic Analysis of Ubiquitin Ligase KEAP1 Reveals Associated Proteins That Inhibit NRF2 Ubiquitination. <i>Cancer Research</i> , 2013, 73, 2199-2210.	0.4	209
135	Cell Senescence as Both a Dynamic and a Static Phenotype. <i>Methods in Molecular Biology</i> , 2013, 965, 1-13.	0.4	37
136	Role of Nrf2 in Oxidative Stress and Toxicity. <i>Annual Review of Pharmacology and Toxicology</i> , 2013, 53, 401-426.	4.2	3,261
137	Non-enzymatic post-translational protein modifications and proteostasis network deregulation in carcinogenesis. <i>Journal of Proteomics</i> , 2013, 92, 274-298.	1.2	51
138	Redox regulation in stem-like cancer cells by CD44 variant isoforms. <i>Oncogene</i> , 2013, 32, 5191-5198.	2.6	237
139	Mitochondria as a Source of Reactive Oxygen and Nitrogen Species: From Molecular Mechanisms to Human Health. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 2029-2074.	2.5	344
140	Ras-induced ROS upregulation affecting cell proliferation is connected with cell type-specific alterations of HSF1<i></i>SESN3</i>/p21^{Cip1}/WAF1</sup> pathways. <i>Cell Cycle</i> , 2013, 12, 826-836.	1.3	46
141	Mechanistic links between COPD and lung cancer. <i>Nature Reviews Cancer</i> , 2013, 13, 233-245.	12.8	342
142	Glutamine supports pancreatic cancer growth through a KRAS-regulated metabolic pathway. <i>Nature</i> , 2013, 496, 101-105.	13.7	1,562
143	Selective Autophagy and Cancer. , 2013, , 113-125.		0
144	Oxidants, antioxidants and the current incurability of metastatic cancers. <i>Open Biology</i> , 2013, 3, 120144.	1.5	303
145	miRNAs link metabolic reprogramming to oncogenesis. <i>Trends in Endocrinology and Metabolism</i> , 2013, 24, 361-373.	3.1	72
146	Inflammation, Autophagy, and Obesity: Common Features in the Pathogenesis of Pancreatitis and Pancreatic Cancer. <i>Gastroenterology</i> , 2013, 144, 1199-1209.e4.	0.6	274
147	Redox Pathways as a Platform in Drug Development. , 2013, , 449-476.		0

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148	Nuclear erythroid 2-related factor 2: A novel potential therapeutic target for liver fibrosis. <i>Food and Chemical Toxicology</i> , 2013, 59, 421-427.	1.8	57
149	PtdIns5P and Pin1 in oxidative stress signaling. <i>Advances in Biological Regulation</i> , 2013, 53, 179-189.	1.4	35
150	Oncogenic functions of the transcription factor Nrf2. <i>Free Radical Biology and Medicine</i> , 2013, 65, 750-764.	1.3	176
151	Anoikis molecular pathways and its role in cancer progression. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 3481-3498.	1.9	840
152	Toward clinical application of the Keap1-Nrf2 pathway. <i>Trends in Pharmacological Sciences</i> , 2013, 34, 340-346.	4.0	564
153	Glutathione peroxidases. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 3289-3303.	1.1	1,367
154	Antioxidant Induces DNA Damage, Cell Death and Mutagenicity in Human Lung and Skin Normal Cells. <i>Scientific Reports</i> , 2013, 3, 3169.	1.6	96
155	Autophagy Sustains Mitochondrial Glutamine Metabolism and Growth of <i>BRAF</i> -Driven Lung Tumors. <i>Cancer Discovery</i> , 2013, 3, 1272-1285.	7.7	382
156	Oncogene PKC μ controls Nrf2:Nrf2 interaction in normal and cancer cells through Nrf2 phosphorylation. <i>Journal of Cell Science</i> , 2013, 126, 5657-69.	1.2	7
157	Nrf2 signalling promotes ex vivo tubular epithelial cell survival and regeneration via murine double minute (MDM)-2. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, 2028-2037.	0.4	24
158	Antioxidant Effects of Quercetin and Naringenin Are Associated with Impaired Neutrophil Microbicidal Activity. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-7.	0.5	24
159	Overview on how oncogenic Kras promotes pancreatic carcinogenesis by inducing low intracellular ROS levels. <i>Frontiers in Physiology</i> , 2013, 4, 246.	1.3	55
160	Roles of Keap1-Nrf2 System in Upper Aerodigestive Tract Carcinogenesis. <i>Cancer Prevention Research</i> , 2013, 6, 149-159.	0.7	65
161	Regulation of Drosophila Metamorphosis by Xenobiotic Response Regulators. <i>PLoS Genetics</i> , 2013, 9, e1003263.	1.5	57
162	Regulatory Nexus of Synthesis and Degradation Deciphers Cellular Nrf2 Expression Levels. <i>Molecular and Cellular Biology</i> , 2013, 33, 2402-2412.	1.1	101
163	<i>CUL3</i> and <i>NRF2</i> Mutations Confer an NRF2 Activation Phenotype in a Sporadic Form of Papillary Renal Cell Carcinoma. <i>Cancer Research</i> , 2013, 73, 2044-2051.	0.4	140
164	Identification of Mutant K-Ras-dependent Phenotypes Using a Panel of Isogenic Cell Lines. <i>Journal of Biological Chemistry</i> , 2013, 288, 2403-2413.	1.6	57
165	BRCA1 interacts with Nrf2 to regulate antioxidant signaling and cell survival. <i>Journal of Experimental Medicine</i> , 2013, 210, 1529-1544.	4.2	239

#	ARTICLE	IF	CITATIONS
166	Keratin 16 regulates innate immunity in response to epidermal barrier breach. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19537-19542.	3.3	149
167	MicroRNA-93 regulates NRF2 expression and is associated with breast carcinogenesis. Carcinogenesis, 2013, 34, 1165-1172.	1.3	168
168	Overcoming Drug Resistance Through Elevation of ROS in Cancer. Resistance To Targeted Anti-cancer Therapeutics, 2013, , 135-149.	0.1	2
169	Tumor-Promoting and -Suppressive Roles of Autophagy in the Same Mouse Model of BrafV600E-Driven Lung Cancer. Cancer Discovery, 2013, 3, 1225-1227.	7.7	10
170	Mitochondrial Dysfunction in Cancer. Frontiers in Oncology, 2013, 3, 292.	1.3	382
171	Aerosol Administration of Phospho-Sulindac Inhibits Lung Tumorigenesis. Molecular Cancer Therapeutics, 2013, 12, 1417-1428.	1.9	13
172	Prx I Suppresses K-ras-Driven Lung Tumorigenesis by Opposing Redox-Sensitive ERK/Cyclin D1 Pathway. Antioxidants and Redox Signaling, 2013, 19, 482-496.	2.5	53
173	Functions of autophagy in normal and diseased liver. Autophagy, 2013, 9, 1131-1158.	4.3	384
174	Nrf2 impacts cellular bioenergetics by controlling substrate availability for mitochondrial respiration. Biology Open, 2013, 2, 761-770.	0.6	346
175	Human GGT2 Does Not Autocleave into a Functional Enzyme: A Cautionary Tale for Interpretation of Microarray Data on Redox Signaling. Antioxidants and Redox Signaling, 2013, 19, 1877-1888.	2.5	13
176	Exploiting inflammation for therapeutic gain in pancreatic cancer. British Journal of Cancer, 2013, 108, 997-1003.	2.9	73
177	Activation of TLR4 signaling promotes gastric cancer progression by inducing mitochondrial ROS production. Cell Death and Disease, 2013, 4, e794-e794.	2.7	98
178	Nrf2 is controlled by two distinct \hat{I}^2 -TrCP recognition motifs in its Neh6 domain, one of which can be modulated by GSK-3 activity. Oncogene, 2013, 32, 3765-3781.	2.6	500
179	Manganese superoxide dismutase promotes anoikis resistance and tumor metastasis. Cell Death and Disease, 2013, 4, e504-e504.	2.7	113
180	RXR \hat{I}^{\pm} Inhibits the NRF2-ARE Signaling Pathway through a Direct Interaction with the Neh7 Domain of NRF2. Cancer Research, 2013, 73, 3097-3108.	0.4	269
181	Regulatory flexibility in the Nrf2-mediated stress response is conferred by conformational cycling of the Keap1-Nrf2 protein complex. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15259-15264.	3.3	301
182	NF \hat{k} B and Nrf2 in esophageal epithelial barrier function. Tissue Barriers, 2013, 1, e27463.	1.6	22
183	Tumor suppressor activity of the ERK/MAPK pathway by promoting selective protein degradation. Genes and Development, 2013, 27, 900-915.	2.7	158

#	ARTICLE	IF	CITATIONS
184	Autophagy in the Pathogenesis of Pulmonary Disease. <i>Internal Medicine</i> , 2013, 52, 2295-2303.	0.3	38
185	Frequent concerted genetic mechanisms disrupt multiple components of the NRF2 inhibitor KEAP1/CUL3/RBX1 E3-ubiquitin ligase complex in thyroid cancer. <i>Molecular Cancer</i> , 2013, 12, 124.	7.9	43
186	Pulmonary Oxidative Stress, Inflammation and Cancer: Respirable Particulate Matter, Fibrous Dusts and Ozone as Major Causes of Lung Carcinogenesis through Reactive Oxygen Species Mechanisms. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 3886-3907.	1.2	577
187	Anti-oxidative stress response genes: bioinformatic analysis of their expression and relevance in multiple cancers. <i>Oncotarget</i> , 2013, 4, 2577-2590.	0.8	41
188	Mechanistic Evaluation of a Novel Small Molecule Targeting Mitochondria in Pancreatic Cancer Cells. <i>PLoS ONE</i> , 2013, 8, e54346.	1.1	16
189	Nrf2 Pathway Regulates Multidrug-Resistance-Associated Protein 1 in Small Cell Lung Cancer. <i>PLoS ONE</i> , 2013, 8, e63404.	1.1	111
190	Involvement of ERK-Nrf-2 Signaling in Ionizing Radiation Induced Cell Death in Normal and Tumor Cells. <i>PLoS ONE</i> , 2013, 8, e65929.	1.1	24
191	Real Time Dynamic Imaging and Current Targeted Therapies in the War on Cancer: A New Paradigm. <i>Theranostics</i> , 2013, 3, 437-447.	4.6	18
192	The Involvement of NRF2 in Lung Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-10.	1.9	41
193	MiRNA and Proline Metabolism in Cancer. , 2013, , .		1
194	Targeting Nrf2 Signaling to Combat Chemoresistance. <i>Journal of Cancer Prevention</i> , 2014, 19, 111-117.	0.8	126
195	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
196	Luteoloside Suppresses Proliferation and Metastasis of Hepatocellular Carcinoma Cells by Inhibition of NLRP3 Inflammasome. <i>PLoS ONE</i> , 2014, 9, e89961.	1.1	102
197	An Increase in Reactive Oxygen Species by Deregulation of ARNT Enhances Chemotherapeutic Drug-Induced Cancer Cell Death. <i>PLoS ONE</i> , 2014, 9, e99242.	1.1	20
198	Benefits and Risks of the Hormetic Effects of Dietary Isothiocyanates on Cancer Prevention. <i>PLoS ONE</i> , 2014, 9, e114764.	1.1	53
199	Complex role of HIF in cancer: the known, the unknown, and the unexpected. <i>Hypoxia (Auckland, N Z)</i> , 2014, 2, 59.	1.9	11
200	Inhibition of succinate dehydrogenase by the mitochondrial chaperone TRAP1 has anti-oxidant and anti-apoptotic effects on tumor cells. <i>Oncotarget</i> , 2014, 5, 11897-11908.	0.8	73
201	Multiple roles of Nrf2-Keap1 signaling. <i>Fly</i> , 2014, 8, 7-12.	0.9	23

#	ARTICLE	IF	CITATIONS
202	Estrogen controls the survival of BRCA1-deficient cells via a PI3Kâ€NRF2-regulated pathway. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 4472-4477.	3.3	100
203	HACE1 reduces oxidative stress and mutant Huntingtin toxicity by promoting the NRF2 response. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3032-3037.	3.3	85
204	Sestrin2 Protein Positively Regulates AKT Enzyme Signaling and Survival in Human Squamous Cell Carcinoma and Melanoma Cells. Journal of Biological Chemistry, 2014, 289, 35806-35814.	1.6	44
205	The bromodomain protein BRD4 regulates the KEAP1/NRF2-dependent oxidative stress response. Cell Death and Disease, 2014, 5, e1195-e1195.	2.7	96
206	Epigenetic modification of Nrf2 in 5-fluorouracil-resistant colon cancer cells: involvement of TET-dependent DNA demethylation. Cell Death and Disease, 2014, 5, e1183-e1183.	2.7	126
207	The PTEN/NRF2 Axis Promotes Human Carcinogenesis. Antioxidants and Redox Signaling, 2014, 21, 2498-2514.	2.5	104
208	Wogonin-enhanced reactive oxygen species-induced apoptosis and potentiated cytotoxic effects of chemotherapeutic agents by suppression Nrf2-mediated signaling in HepG2 cells. Free Radical Research, 2014, 48, 607-621.	1.5	43
209	ROS inhibit autophagy by downregulating ULK1 mediated by the phosphorylation of p53 in selenite-treated NB4 cells. Cell Death and Disease, 2014, 5, e1542-e1542.	2.7	54
210	Cystathionase mediates senescence evasion in melanocytes and melanoma cells. Oncogene, 2014, 33, 771-782.	2.6	32
211	Oncogene-induced reactive oxygen species fuel hyperproliferation and DNA damage response activation. Cell Death and Differentiation, 2014, 21, 998-1012.	5.0	254
212	Cancer-Associated Fibroblasts Expressing CXCL14 Rely upon NOS1-Derived Nitric Oxide Signaling for Their Tumor-Supporting Properties. Cancer Research, 2014, 74, 2999-3010.	0.4	120
213	The mitochondrial permeability transition pore and its adaptive responses in tumor cells. Cell Calcium, 2014, 56, 437-445.	1.1	78
214	Inflammation to cancer: The molecular biology in the pancreas (Review). Oncology Letters, 2014, 7, 1747-1754.	0.8	27
215	Renal Biopsy: Use of Biomarkers as a Tool for the Diagnosis of Focal Segmental Glomerulosclerosis. Disease Markers, 2014, 2014, 1-11.	0.6	6
216	The antioxidants dilemma: are they potentially immunosuppressants and carcinogens?. Frontiers in Physiology, 2014, 5, 245.	1.3	21
217	Kras as a key oncogene and therapeutic target in pancreatic cancer. Frontiers in Physiology, 2013, 4, 407.	1.3	101
218	Cytoprotection “gone astray’’: Nrf2 and its role in cancer. OncoTargets and Therapy, 2014, 7, 1497.	1.0	57
219	Ubiquitin-specific protease 22-induced autophagy is correlated with poor prognosis of pancreatic cancer. Oncology Reports, 2014, 32, 2726-2734.	1.2	41

#	ARTICLE	IF	CITATIONS
220	Reactive oxygen species: The good, the bad, and the enigma. <i>Molecular and Cellular Oncology</i> , 2014, 1, e964033.	0.3	16
221	Induction of glutathione synthesis in human hepatocytes by acute and chronic arsenic exposure: Differential roles of mitogen-activated protein kinases. <i>Toxicology</i> , 2014, 325, 96-106.	2.0	19
222	Cellular senescence and protein degradation. <i>Cell Cycle</i> , 2014, 13, 1840-1858.	1.3	54
223	Oncogenic KRAS Confers Chemoresistance by Upregulating NRF2. <i>Cancer Research</i> , 2014, 74, 7430-7441.	0.4	237
224	PGC-1 β promotes enterocyte lifespan and tumorigenesis in the intestine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4523-31.	3.3	51
225	Carbohydrate metabolism during vertebrate appendage regeneration: What is its role? How is it regulated?. <i>BioEssays</i> , 2014, 36, 27-33.	1.2	43
226	Effects of Tea Catechins on Cancer Signaling Pathways. <i>The Enzymes</i> , 2014, 36, 195-221.	0.7	39
227	To be, or not to be. <i>Current Opinion in Oncology</i> , 2014, 26, 78-85.	1.1	53
228	LKB1 Loss Induces Characteristic Patterns of Gene Expression in Human Tumors Associated with NRF2 Activation and Attenuation of PI3K-AKT. <i>Journal of Thoracic Oncology</i> , 2014, 9, 794-804.	0.5	65
229	Nrf2 Enhances Cholangiocyte Expansion in Pten-Deficient Livers. <i>Molecular and Cellular Biology</i> , 2014, 34, 900-913.	1.1	85
230	Mitohormesis: Promoting Health and Lifespan by Increased Levels of Reactive Oxygen Species (ROS). <i>Dose-Response</i> , 2014, 12, dose-response.1.	0.7	376
231	Molecular and Chemical Regulation of the Keap1-Nrf2 Signaling Pathway. <i>Molecules</i> , 2014, 19, 10074-10089.	1.7	177
232	Mitochondrial Complex II in Cancer. , 2014, , 81-104.		0
233	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
234	NRF2 immunolocalization in human breast cancer patients as a prognostic factor. <i>Endocrine-Related Cancer</i> , 2014, 21, 241-252.	1.6	55
235	Naturally occurring phenethyl isothiocyanate-induced inhibition of gastric cancer cell growth by disruption of microtubules. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2014, 29, 99-106.	1.4	8
236	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
237	GPx2 Suppression of H ₂ O ₂ Stress Links the Formation of Differentiated Tumor Mass to Metastatic Capacity in Colorectal Cancer. <i>Cancer Research</i> , 2014, 74, 6717-6730.	0.4	76

#	ARTICLE	IF	CITATIONS
238	Chronic pancreatitis: A path to pancreatic cancer. <i>Cancer Letters</i> , 2014, 345, 203-209.	3.2	126
239	Rare insights into cancer biology. <i>Oncogene</i> , 2014, 33, 2547-2556.	2.6	74
240	TIGAR, TIGAR, burning bright. <i>Cancer & Metabolism</i> , 2014, 2, 1.	2.4	92
241	Monitoring Keap1-Nrf2 interactions in single live cells. <i>Biotechnology Advances</i> , 2014, 32, 1133-1144.	6.0	122
242	Nrf2: bane or blessing in cancer?. <i>Journal of Cancer Research and Clinical Oncology</i> , 2014, 140, 1251-1259.	1.2	49
243	Catabolic cancer-associated fibroblasts transfer energy and biomass to anabolic cancer cells, fueling tumor growth. <i>Seminars in Cancer Biology</i> , 2014, 25, 47-60.	4.3	337
244	Malondialdehyde-derived epitopes in human skin result from acute exposure to solar UV and occur in nonmelanoma skin cancer tissue. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2014, 132, 56-65.	1.7	39
245	Nrf2 Amplifies Oxidative Stress via Induction of Klf9. <i>Molecular Cell</i> , 2014, 53, 916-928.	4.5	186
246	Mitochondrial metabolism contributes to oxidative stress and reveals therapeutic targets in chronic lymphocytic leukemia. <i>Blood</i> , 2014, 123, 2663-2672.	0.6	164
247	The complex landscape of pancreatic cancer metabolism. <i>Carcinogenesis</i> , 2014, 35, 1441-1450.	1.3	104
248	The Nrf2 regulatory network provides an interface between redox and intermediary metabolism. <i>Trends in Biochemical Sciences</i> , 2014, 39, 199-218.	3.7	1,591
249	Curcumin inhibits proliferation of breast cancer cells through Nrf2-mediated down-regulation of Fen1 expression. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 143, 11-18.	1.2	119
250	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
251	Cellular mechanisms and physiological consequences of redox-dependent signalling. <i>Nature Reviews Molecular Cell Biology</i> , 2014, 15, 411-421.	16.1	1,597
252	Paradoxical Effects of Antioxidants on Cancer. <i>Rejuvenation Research</i> , 2014, 17, 306-311.	0.9	33
253	Nrf2 promotes the development of fibrosis and tumorigenesis in mice with defective hepatic autophagy. <i>Journal of Hepatology</i> , 2014, 61, 617-625.	1.8	214
254	The role of iron and reactive oxygen species in cell death. <i>Nature Chemical Biology</i> , 2014, 10, 9-17.	3.9	1,685
255	Antidiabetic, Antihyperlipidemic and Antioxidant Effects of the Flavonoids. , 2014, , 143-161.		11

#	ARTICLE	IF	CITATIONS
256	Antioxidants Accelerate Lung Cancer Progression in Mice. <i>Science Translational Medicine</i> , 2014, 6, 221ra15.	5.8	663
257	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
258	Decitabine Induces Delayed Reactive Oxygen Species (ROS) Accumulation in Leukemia Cells and Induces the Expression of ROS Generating Enzymes. <i>Clinical Cancer Research</i> , 2014, 20, 1249-1258.	3.2	79
259	Acquired Resistance and Clonal Evolution in Melanoma during BRAF Inhibitor Therapy. <i>Cancer Discovery</i> , 2014, 4, 80-93.	7.7	836
260	The antioxidant paradox: what are antioxidants and how should they be used in a therapeutic context for cancer. <i>Future Medicinal Chemistry</i> , 2014, 6, 1413-1422.	1.1	70
261	Heme oxygenase-1: an emerging therapeutic target to curb cardiac pathology. <i>Basic Research in Cardiology</i> , 2014, 109, 450.	2.5	35
262	Iodoacetic Acid Activates Nrf2-Mediated Antioxidant Response <i>in Vitro</i> and <i>in Vivo</i> . <i>Environmental Science & Technology</i> , 2014, 48, 13478-13488.	4.6	43
263	Quantitative Proteomic Analysis Reveals Effects of Epidermal Growth Factor Receptor (EGFR) on Invasion-promoting Proteins Secreted by Glioblastoma Cells. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 2618-2631.	2.5	29
264	NQO1 Suppresses NF- κ B-p300 Interaction to Regulate Inflammatory Mediators Associated with Prostate Tumorigenesis. <i>Cancer Research</i> , 2014, 74, 5644-5655.	0.4	41
265	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
266	Targeting pathways downstream of KRAS in lung adenocarcinoma. <i>Pharmacogenomics</i> , 2014, 15, 1507-1518.	0.6	29
267	Drugging the undruggable RAS: Mission Possible?. <i>Nature Reviews Drug Discovery</i> , 2014, 13, 828-851.	21.5	1,484
268	Estrogen increases Nrf2 activity through activation of the PI3K pathway in MCF-7 breast cancer cells. <i>Experimental Cell Research</i> , 2014, 328, 351-360.	1.2	59
269	The pentose phosphate pathway and cancer. <i>Trends in Biochemical Sciences</i> , 2014, 39, 347-354.	3.7	1,018
270	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
271	Cancer cell survival during detachment from the ECM: multiple barriers to tumour progression. <i>Nature Reviews Cancer</i> , 2014, 14, 632-641.	12.8	312
272	Targeting antioxidants for cancer therapy. <i>Biochemical Pharmacology</i> , 2014, 92, 90-101.	2.0	370
273	Oncometabolites-driven tumorigenesis: From genetics to targeted therapy. <i>International Journal of Cancer</i> , 2014, 135, 2237-2248.	2.3	119

#	ARTICLE	IF	CITATIONS
274	Two new antioxidant actinosporin analogues from the calcium alginate beads culture of sponge-associated <i>Actinokineospora</i> sp. strain EG49. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 5089-5092.	1.0	37
275	A small molecule that induces reactive oxygen species via cellular glutathione depletion. <i>Biochemical Journal</i> , 2014, 463, 53-63.	1.7	20
276	Pancreatic Adenocarcinoma. <i>New England Journal of Medicine</i> , 2014, 371, 1039-1049.	13.9	1,821
277	Gamma-Glutamyl Transpeptidase. <i>Advances in Cancer Research</i> , 2014, 122, 103-141.	1.9	198
278	Role of the Keap1-Nrf2 Pathway in Cancer. <i>Advances in Cancer Research</i> , 2014, 122, 281-320.	1.9	134
279	“Doubling down” on the autophagy pathway to suppress tumor growth. <i>Genes and Development</i> , 2014, 28, 1137-1139.	2.7	7
280	Metabolomics Approaches and Applications in Prostate Cancer Research. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 6-12.	1.4	47
281	The pro-oxidant buthionine sulfoximine (BSO) reduces tumor growth of implanted Lewis lung carcinoma in mice associated with increased protein carbonyl, tubulin abundance, and aminopeptidase activity. <i>Tumor Biology</i> , 2014, 35, 7799-7805.	0.8	2
282	Immunological Mechanism of Action and Clinical Profile of Disease-Modifying Treatments in Multiple Sclerosis. <i>CNS Drugs</i> , 2014, 28, 535-558.	2.7	26
283	NF- κ B and Nrf2 signaling pathways contribute to wogonin-mediated inhibition of inflammation-associated colorectal carcinogenesis. <i>Cell Death and Disease</i> , 2014, 5, e1283-e1283.	2.7	96
285	Modulation of Nuclear Factor E2-related Factor-2 (Nrf2) Activation by the Stress Response Gene Immediate Early Response-3 (IER3) in Colonic Epithelial Cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 1917-1929.	1.6	42
286	Inflammation, DAMPs, Tumor Development, and Progression: A Vicious Circle Orchestrated by Redox Signaling. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 1086-1097.	2.5	61
287	Plac8 Links Oncogenic Mutations to Regulation of Autophagy and Is Critical to Pancreatic Cancer Progression. <i>Cell Reports</i> , 2014, 7, 1143-1155.	2.9	69
288	Exposure to 9,10-phenanthrenequinone accelerates malignant progression of lung cancer cells through up-regulation of aldo-keto reductase 1B10. <i>Toxicology and Applied Pharmacology</i> , 2014, 278, 180-189.	1.3	25
289	Pretreatment with tert-butylhydroquinone attenuates cerebral oxidative stress in mice after traumatic brain injury. <i>Journal of Surgical Research</i> , 2014, 188, 206-212.	0.8	35
290	Oxidative stress in melanocyte senescence and melanoma transformation. <i>European Journal of Cell Biology</i> , 2014, 93, 36-41.	1.6	58
291	The hMTH1 paradox: Antioxidants recommended in cancer?. <i>DNA Repair</i> , 2014, 21, 163-164.	1.3	3
292	KRAS: feeding pancreatic cancer proliferation. <i>Trends in Biochemical Sciences</i> , 2014, 39, 91-100.	3.7	546

#	ARTICLE	IF	CITATIONS
293	Baicalein modulates Nrf2/Keap1 system in both Keap1-dependent and Keap1-independent mechanisms. Archives of Biochemistry and Biophysics, 2014, 559, 53-61.	1.4	40
294	Lack of nrf2 results in progression of proliferative lesions to neoplasms induced by long-term exposure to non-genotoxic hepatocarcinogens involving oxidative stress. Experimental and Toxicologic Pathology, 2014, 66, 19-26.	2.1	15
295	Case study on the utility of hepatic global gene expression profiling in the risk assessment of the carcinogen furan. Toxicology and Applied Pharmacology, 2014, 274, 63-77.	1.3	70
296	Tumor Microenvironment and Metabolic Synergy in Breast Cancers: Critical Importance of Mitochondrial Fuels and Function. Seminars in Oncology, 2014, 41, 195-216.	0.8	176
297	Sulforaphane Protects from T Cell-Mediated Autoimmune Disease by Inhibition of IL-23 and IL-12 in Dendritic Cells. Journal of Immunology, 2014, 192, 3530-3539.	0.4	68
298	Modulation of NRF2 signaling pathway by nuclear receptors: Implications for cancer. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 1875-1885.	1.9	83
299	Increased expression of prostaglandin reductase 1 in hepatocellular carcinomas from clinical cases and experimental tumors in rats. International Journal of Biochemistry and Cell Biology, 2014, 53, 186-194.	1.2	24
300	Antioxidative effects of Panax notoginseng saponins in brain cells. Phytomedicine, 2014, 21, 1189-1195.	2.3	76
301	ROS Function in Redox Signaling and Oxidative Stress. Current Biology, 2014, 24, R453-R462.	1.8	4,622
302	Effect of atmospheric gas plasmas on cancer cell signaling. International Journal of Cancer, 2014, 134, 1517-1528.	2.3	147
303	Regulation of Nrf2—an update. Free Radical Biology and Medicine, 2014, 66, 36-44.	1.3	735
304	Novel KRAS Gene Mutations in Sporadic Colorectal Cancer. PLoS ONE, 2014, 9, e113350.	1.1	11
305	Knockdown of nuclear factor erythroid 2-related factor 2 by lentivirus induces differentiation of glioma stem-like cells. Oncology Reports, 2014, 32, 1170-1178.	1.2	22
306	Understanding life and death decisions in human leukaemias. Biochemical Society Transactions, 2014, 42, 747-751.	1.6	0
307	Inhibition of NRF2 by PIK-75 augments sensitivity of pancreatic cancer cells to gemcitabine. International Journal of Oncology, 2014, 44, 959-969.	1.4	51
308	Mitochondrial reactive oxygen species and cancer. Cancer & Metabolism, 2014, 2, 17.	2.4	574
309	Targeting the NF-E2-related factor 2 pathway: A novel strategy for glioblastoma (Review). Oncology Reports, 2014, 32, 443-450.	1.2	24
310	Molecular mechanisms of Nrf2 regulation and how these influence chemical modulation for disease intervention. Biochemical Society Transactions, 2015, 43, 680-686.	1.6	137

#	ARTICLE	IF	CITATIONS
311	Dual regulation of transcription factor Nrf2 by Keap1 and by the combined actions of \hat{I}^2 -TrCP and GSK-3. <i>Biochemical Society Transactions</i> , 2015, 43, 611-620.	1.6	143
312	Dysregulation of the Keap1-Nrf2 pathway in cancer. <i>Biochemical Society Transactions</i> , 2015, 43, 645-649.	1.6	72
313	Keap1/Nrf2 pathway in the frontiers of cancer and non-cancer cell metabolism. <i>Biochemical Society Transactions</i> , 2015, 43, 639-644.	1.6	62
314	Nrf2 as a master regulator of tissue damage control and disease tolerance to infection. <i>Biochemical Society Transactions</i> , 2015, 43, 663-668.	1.6	39
315	Nuclear factor, erythroid 2-like 2-associated molecular signature predicts lung cancer survival. <i>Scientific Reports</i> , 2015, 5, 16889.	1.6	39
316	Mitochondrial reactive oxygen species and complex II levels are associated with the outcome of hepatocellular carcinoma. <i>Oncology Letters</i> , 2015, 10, 2347-2350.	0.8	5
317	Antioxidants and cancer: a debate on prevention, progression, hormesis, and cruciferous vegetables. <i>Nutrafoods</i> , 2015, 14, 175-179.	0.5	5
318	Mutant KRAS associated malic enzyme 1 expression is a predictive marker for radiation therapy response in non-small cell lung cancer. <i>Radiation Oncology</i> , 2015, 10, 145.	1.2	47
319	\hat{I}^3 -tocotrienol prevents 5-FU-induced reactive oxygen species production in human oral keratinocytes through the stabilization of 5-FU-induced activation of Nrf2. <i>International Journal of Oncology</i> , 2015, 46, 1453-1460.	1.4	22
320	The role of thioredoxin reductase 1 in melanoma metabolism and metastasis. <i>Pigment Cell and Melanoma Research</i> , 2015, 28, 685-695.	1.5	21
321	Molecular pathways in renal cell carcinoma. <i>Current Opinion in Oncology</i> , 2015, 27, 217-223.	1.1	43
322	Identification of artesunate as a specific activator of ferroptosis in pancreatic cancer cells. <i>Oncoscience</i> , 2015, 2, 517-532.	0.9	403
323	Oxidative stress and the unfulfilled promises of antioxidant agents. <i>Ecancermedicalscience</i> , 2015, 9, 556.	0.6	19
324	Echinacoside Induces Apoptosis in Human SW480 Colorectal Cancer Cells by Induction of Oxidative DNA Damages. <i>International Journal of Molecular Sciences</i> , 2015, 16, 14655-14668.	1.8	29
325	Echinacoside induces apoptotic cancer cell death by inhibiting the nucleotide pool sanitizing enzyme MTH1. <i>OncoTargets and Therapy</i> , 2015, 8, 3649.	1.0	27
326	Plumbagin suppresses epithelial to mesenchymal transition and stemness via inhibiting Nrf2-mediated signaling pathway in human tongue squamous cell carcinoma cells. <i>Drug Design, Development and Therapy</i> , 2015, 9, 5511.	2.0	22
327	The Crosstalk between Nrf2 and TGF- \hat{I}^2 1 in the Epithelial-Mesenchymal Transition of Pancreatic Duct Epithelial Cells. <i>PLoS ONE</i> , 2015, 10, e0132978.	1.1	48
328	Functional Role of NRF2 in Cervical Carcinogenesis. <i>PLoS ONE</i> , 2015, 10, e0133876.	1.1	48

#	ARTICLE	IF	CITATIONS
329	Alisertib induces cell cycle arrest and autophagy and suppresses epithelial-to-mesenchymal transition involving PI3K/Akt/mTOR and sirtuin 1-mediated signaling pathways in human pancreatic cancer cells. <i>Drug Design, Development and Therapy</i> , 2015, 9, 575.	2.0	47
330	ROS/Autophagy/Nrf2 Pathway Mediated Low-Dose Radiation Induced Radio-Resistance in Human Lung Adenocarcinoma A549 Cell. <i>International Journal of Biological Sciences</i> , 2015, 11, 833-844.	2.6	82
331	Redox effects and cytotoxic profiles of MJ25 and auranofin towards malignant melanoma cells. <i>Oncotarget</i> , 2015, 6, 16488-16506.	0.8	30
332	The Role of Nrf2 in Pathology of Pleomorphic Adenoma in Parotid Gland. <i>Medical Science Monitor</i> , 2015, 21, 1243-1248.	0.5	3
333	Applications of the CRISPR-Cas9 system in cancer biology. <i>Nature Reviews Cancer</i> , 2015, 15, 387-393.	12.8	340
334	WNT-3A Regulates an Axin1/NRF2 Complex That Regulates Antioxidant Metabolism in Hepatocytes. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 555-571.	2.5	50
335	Non-genetic cancer cell plasticity and therapy-induced stemness in tumour relapse: "What does not kill me strengthens me". <i>British Journal of Cancer</i> , 2015, 112, 1725-1732.	2.9	252
336	Erbin is a novel substrate of the Sag-1 ² TrCP E3 ligase that regulates KrasG12D-induced skin tumorigenesis. <i>Journal of Cell Biology</i> , 2015, 209, 721-738.	2.3	31
337	Inflammatory Dysregulation and Cancer: From Molecular Mechanisms to Therapeutic Opportunities. , 2015, , 375-395.		1
339	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. <i>Carcinogenesis</i> , 2015, 36, 769-781.	1.3	59
340	Aromatase Inhibitor-Mediated Downregulation of INrf2 (Keap1) Leads to Increased Nrf2 and Resistance in Breast Cancer. <i>Molecular Cancer Therapeutics</i> , 2015, 14, 1728-1737.	1.9	17
341	Nrf2 Activation Protects against Solar-Simulated Ultraviolet Radiation in Mice and Humans. <i>Cancer Prevention Research</i> , 2015, 8, 475-486.	0.7	94
342	Oxidative stress response and Nrf2 signaling in aging. <i>Free Radical Biology and Medicine</i> , 2015, 88, 314-336.	1.3	644
343	Electron Transfer-Based Compounds: A Novel Weapon in the Cancer Battlespace?. <i>EBioMedicine</i> , 2015, 2, 484-485.	2.7	0
344	Revisiting vitamin C and cancer. <i>Science</i> , 2015, 350, 1317-1318.	6.0	51
345	Nrf2 Activation Promotes Keratinocyte Survival during Early Skin Carcinogenesis via Metabolic Alterations. <i>Cancer Research</i> , 2015, 75, 4817-4829.	0.4	40
346	Hepatitis B virus stimulates G6PD expression through HBx-mediated Nrf2 activation. <i>Cell Death and Disease</i> , 2015, 6, e1980-e1980.	2.7	96
347	Plant-Derived Polyphenols. <i>Advances in Molecular Toxicology</i> , 2015, 9, 161-214.	0.4	27

#	ARTICLE	IF	CITATIONS
348	Engineering a genetically encoded competitive inhibitor of the KEAP1-NRF2 interaction via structure-based design and phage display. <i>Protein Engineering, Design and Selection</i> , 2016, 29, gzv055.	1.0	21
349	PBK/TOPK mediates promyelocyte proliferation via Nrf2-regulated cell cycle progression and apoptosis. <i>Oncology Reports</i> , 2015, 34, 3288-3296.	1.2	34
350	Contribution of Nrf2 to Atherogenic Phenotype Switching of Coronary Arterial Smooth Muscle Cells Lacking CD38 Gene. <i>Cellular Physiology and Biochemistry</i> , 2015, 37, 432-444.	1.1	28
351	Organoid Models of Human and Mouse Ductal Pancreatic Cancer. <i>Cell</i> , 2015, 160, 324-338.	13.5	1,584
352	Pathological and Molecular Evaluation of Pancreatic Neoplasms. <i>Seminars in Oncology</i> , 2015, 42, 28-39.	0.8	64
353	Knockout of Mitochondrial Thioredoxin Reductase Stabilizes Prolyl Hydroxylase 2 and Inhibits Tumor Growth and Tumor-Derived Angiogenesis. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 938-950.	2.5	46
354	Molecular Targets of Coffee Phytochemicals Caffeic Acid and Chlorogenic Acid in Chemoprevention. , 2015, , 673-680.		1
355	On the role of 4-hydroxynonenal in health and disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 826-838.	1.8	189
356	Glutathione and Thioredoxin Antioxidant Pathways Synergize to Drive Cancer Initiation and Progression. <i>Cancer Cell</i> , 2015, 27, 211-222.	7.7	748
357	Role of lipid peroxidation derived 4-hydroxynonenal (4-HNE) in cancer: Focusing on mitochondria. <i>Redox Biology</i> , 2015, 4, 193-199.	3.9	371
358	<sc>FOXO</sc> s support the metabolic requirements of normal and tumor cells by promoting <sc>IDH</sc> 1 expression. <i>EMBO Reports</i> , 2015, 16, 456-466.	2.0	38
360	NRF2-driven miR-125B1 and miR-29B1 transcriptional regulation controls a novel anti-apoptotic miRNA regulatory network for AML survival. <i>Cell Death and Differentiation</i> , 2015, 22, 654-664.	5.0	58
361	Nrf2 is essential for timely M phase entry of replicating hepatocytes during liver regeneration. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 308, G262-G268.	1.6	32
362	Aripiprazole increases NAD(P)H-quinone oxidoreductase-1 and heme oxygenase-1 in PC12 cells. <i>Journal of Neural Transmission</i> , 2015, 122, 757-772.	1.4	4
363	Autophagy in malignant transformation and cancer progression. <i>EMBO Journal</i> , 2015, 34, 856-880.	3.5	1,012
364	Berberine ameliorates nonalcoholic fatty liver disease by a global modulation of hepatic mRNA and lncRNA expression profiles. <i>Journal of Translational Medicine</i> , 2015, 13, 24.	1.8	92
365	Comparative analysis of NRF2-responsive gene expression in AcPC-1 pancreatic cancer cell line. <i>Genes and Genomics</i> , 2015, 37, 97-109.	0.5	19
366	Metabolic Regulation and Coordination of the Metabolism in Bacteria in Response to a Variety of Growth Conditions. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2015, 155, 1-54.	0.6	36

#	ARTICLE	IF	CITATIONS
367	Cellular Mechanisms of Oxidative Stress and Action in Melanoma. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-11.	1.9	88
368	Differential Requirements for eIF4E Dose in Normal Development and Cancer. <i>Cell</i> , 2015, 162, 59-71.	13.5	283
369	The complexity of the Nrf2 pathway: beyond the antioxidant response. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 1401-1413.	1.9	325
370	Genetics and Biology of Pancreatic Ductal Adenocarcinoma. <i>Hematology/Oncology Clinics of North America</i> , 2015, 29, 595-608.	0.9	58
371	Inflammation and Lung Cancer: Molecular Pathology. , 2015, , 69-93.		0
372	Inflammation and Lung Cancer: Prevention. , 2015, , 95-136.		0
373	Sirtuins and the Metabolic Hurdles in Cancer. <i>Current Biology</i> , 2015, 25, R569-R583.	1.8	60
374	Keap1â€™Nrf2 signalling in pancreatic cancer. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 65, 288-299.	1.2	48
375	Inflammation and Lung Cancer. , 2015, , .		2
376	Discovery and Modification of in Vivo Active Nrf2 Activators with 1,2,4-Oxadiazole Core: Hits Identification and Structureâ€™Activity Relationship Study. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5419-5436.	2.9	48
377	Biobehavioral and neuroendocrine correlates of antioxidant enzyme activity in ovarian carcinoma. <i>Brain, Behavior, and Immunity</i> , 2015, 50, 58-62.	2.0	6
378	Genetic Landscape and Biomarkers of Hepatocellular Carcinoma. <i>Gastroenterology</i> , 2015, 149, 1226-1239.e4.	0.6	980
379	Molecular basis of the Keap1â€™Nrf2 system. <i>Free Radical Biology and Medicine</i> , 2015, 88, 93-100.	1.3	762
380	Mechanisms of activation of the transcription factor Nrf2 by redox stressors, nutrient cues, and energy status and the pathways through which it attenuates degenerative disease. <i>Free Radical Biology and Medicine</i> , 2015, 88, 108-146.	1.3	661
381	Roles of Nrf2 in cell proliferation and differentiation. <i>Free Radical Biology and Medicine</i> , 2015, 88, 168-178.	1.3	189
382	Genomic alterations in lung adenocarcinoma. <i>Lancet Oncology</i> , The, 2015, 16, e342-e351.	5.1	302
383	Astrocyte NMDA receptors' activity sustains neuronal survival through a Cdk5â€™Nrf2 pathway. <i>Cell Death and Differentiation</i> , 2015, 22, 1877-1889.	5.0	136
384	Reprint of â€™The mitochondrial permeability transition pore and its adaptive responses in tumor cellsâ€™; <i>Cell Calcium</i> , 2015, 58, 18-26.	1.1	15

#	ARTICLE	IF	CITATIONS
385	Overexpression of Nrf2 attenuates Carmustine-induced cytotoxicity in U87MG human glioma cells. <i>BMC Cancer</i> , 2015, 15, 118.	1.1	23
386	Heme oxygenase-1: emerging target of cancer therapy. <i>Journal of Biomedical Science</i> , 2015, 22, 22.	2.6	197
387	In Vitro and In Vivo Studies of Non-Platinum-Based Halogenated Compounds as Potent Antitumor Agents for Natural Targeted Chemotherapy of Cancers. <i>EBioMedicine</i> , 2015, 2, 544-553.	2.7	12
388	Molecular mechanisms of mTOR regulation by stress. <i>Molecular and Cellular Oncology</i> , 2015, 2, e970489.	0.3	62
389	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
390	Deubiquitinating enzyme CYLD mediates pressure overload-induced cardiac maladaptive remodeling and dysfunction via downregulating Nrf2. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 84, 143-153.	0.9	43
391	Bmi1 is required for the initiation of pancreatic cancer through an Ink4a-independent mechanism. <i>Carcinogenesis</i> , 2015, 36, 730-738.	1.3	29
392	Metabolic Dependencies in <i>RAS</i> -Driven Cancers. <i>Clinical Cancer Research</i> , 2015, 21, 1828-1834.	3.2	192
393	Identification of FOXM1 as a therapeutic target in B-cell lineage acute lymphoblastic leukaemia. <i>Nature Communications</i> , 2015, 6, 6471.	5.8	41
394	NRF2/KEAP1 and Wnt/ β -catenin in the multistep process of liver carcinogenesis in humans and rats. <i>Hepatology</i> , 2015, 62, 677-679.	3.6	20
395	Clinical Relevance of Biomarkers of Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1144-1170.	2.5	604
396	Hypermethylation of the Keap1 gene inactivates its function, promotes Nrf2 nuclear accumulation, and is involved in arsenite-induced human keratinocyte transformation. <i>Free Radical Biology and Medicine</i> , 2015, 89, 209-219.	1.3	33
397	The enemy of my enemy is my friend. <i>Nature</i> , 2015, 527, 170-171.	18.7	47
398	The greedy nature of mutant RAS: a boon for drug discovery targeting cancer metabolism?. <i>Acta Biochimica Et Biophysica Sinica</i> , 2016, 48, 17-26.	0.9	13
399	Pancreatic Cancer Metabolism: Breaking It Down to Build It Back Up. <i>Cancer Discovery</i> , 2015, 5, 1247-1261.	7.7	178
400	PEGylation of superparamagnetic iron oxide nanoparticle for drug delivery applications with decreased toxicity: an in vivo study. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	23
401	NRF2 regulates serine biosynthesis in non-small cell lung cancer. <i>Nature Genetics</i> , 2015, 47, 1475-1481.	9.4	579
402	Targeting glutamine metabolism sensitizes pancreatic cancer to PARP-driven metabolic catastrophe induced by β -lapachone. <i>Cancer & Metabolism</i> , 2015, 3, 12.	2.4	104

#	ARTICLE	IF	CITATIONS
403	Antioxidants can increase melanoma metastasis in mice. <i>Science Translational Medicine</i> , 2015, 7, 308re8.	5.8	468
404	Oxidative stress inhibits distant metastasis by human melanoma cells. <i>Nature</i> , 2015, 527, 186-191.	13.7	964
405	GEMMs as preclinical models for testing pancreatic cancer therapies. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 1185-1200.	1.2	92
407	Continuous activation of Nrf2 and its target antioxidant enzymes leads to arsenite-induced malignant transformation of human bronchial epithelial cells. <i>Toxicology and Applied Pharmacology</i> , 2015, 289, 231-239.	1.3	34
408	Nanotechnology-enabled delivery of NQO1 bioactivatable drugs. <i>Journal of Drug Targeting</i> , 2015, 23, 672-680.	2.1	26
409	Vorinostat synergizes with EGFR inhibitors in NSCLC cells by increasing ROS via up-regulation of the major mitochondrial porin VDAC1 and modulation of the c-Myc-NRF2-KEAP1 pathway. <i>Free Radical Biology and Medicine</i> , 2015, 89, 287-299.	1.3	73
410	A Small Molecule Inhibits Deregulated NRF2 Transcriptional Activity in Cancer. <i>ACS Chemical Biology</i> , 2015, 10, 2193-2198.	1.6	72
411	Association of Nrf2 with airway pathogenesis: lessons learned from genetic mouse models. <i>Archives of Toxicology</i> , 2015, 89, 1931-1957.	1.9	40
412	Fibulin-5 Blocks Microenvironmental ROS in Pancreatic Cancer. <i>Cancer Research</i> , 2015, 75, 5058-5069.	0.4	33
413	Targeting mitochondria metabolism for cancer therapy. <i>Nature Chemical Biology</i> , 2015, 11, 9-15.	3.9	1,107
414	Metallothionein deletion exacerbates intermittent hypoxia-induced renal injury in mice. <i>Toxicology Letters</i> , 2015, 232, 340-348.	0.4	52
415	Pancreatic ductal adenocarcinoma: From genetics to biology to radiobiology to oncoimmunology and all the way back to the clinic. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2015, 1855, 61-82.	3.3	46
416	Dual roles of NRF2 in tumor prevention and progression: Possible implications in cancer treatment. <i>Free Radical Biology and Medicine</i> , 2015, 79, 292-299.	1.3	138
417	Stress-induced inhibition of nonsense-mediated RNA decay regulates intracellular cystine transport and intracellular glutathione through regulation of the cystine/glutamate exchanger SLC7A11. <i>Oncogene</i> , 2015, 34, 4211-4218.	2.6	46
418	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
419	Bystander effects as manifestation of intercellular communication of DNA damage and of the cellular oxidative status. <i>Cancer Letters</i> , 2015, 356, 58-71.	3.2	94
420	The activities of MYC, MNT and the MAX-interactome in lymphocyte proliferation and oncogenesis. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2015, 1849, 554-562.	0.9	29
421	Deletion of Pim kinases elevates the cellular levels of reactive oxygen species and sensitizes to K-Ras-induced cell killing. <i>Oncogene</i> , 2015, 34, 3728-3736.	2.6	39

#	ARTICLE	IF	CITATIONS
422	Stress Response Pathways in Cancer. , 2015, , .		3
423	Feed-Forward and Feed-Back Circuits of the NRF2/AP-1 Composite Pathway. , 0, , .		1
424	NRF2 Rewires Cellular Metabolism to Support the Antioxidant Response. , 0, , .		24
425	Secluding few lines on physiological interactions triggered by reducers. International Journal of Medicine, 2016, 5, 28-31.	0.1	0
426	On metabolic reprogramming and tumor biology: A comprehensive survey of metabolism in breast cancer. Oncotarget, 2016, 7, 67626-67649.	0.8	42
427	Metabolic Shunt Pathways, Carcinoma, and mTOR. , 2016, , 429-438.		0
428	Soluble factors from stellate cells induce pancreatic cancer cell proliferation <i>via</i> Nrf2-activated metabolic reprogramming and ROS detoxification. Oncotarget, 2016, 7, 36719-36732.	0.8	32
429	Defining ROS in Biology and Medicine. Reactive Oxygen Species (Apex, N C), 2016, 1, 9-21.	5.4	266
430	Redox Modulating NRF2: A Potential Mediator of Cancer Stem Cell Resistance. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-14.	1.9	103
431	Reactive Oxygen Species and Targeted Therapy for Pancreatic Cancer. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-9.	1.9	81
432	The Tumorigenic Roles of the Cellular REDOX Regulatory Systems. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-17.	1.9	77
433	NRF2, a Key Regulator of Antioxidants with Two Faces towards Cancer. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-7.	1.9	75
434	The Nrf2/HO-1 Axis in Cancer Cell Growth and Chemoresistance. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-14.	1.9	223
435	Cross Talk of Proteostasis and Mitostasis in Cellular Homeodynamics, Ageing, and Disease. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-24.	1.9	33
436	The Relevance of Nrf2 Pathway and Autophagy in Pancreatic Cancer Cells upon Stimulation of Reactive Oxygen Species. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-11.	1.9	27
437	Nrf2 and Notch Signaling in Lung Cancer: Near the Crossroad. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-17.	1.9	36
438	Nrf2 Contributes to the Poor Prognosis and Chemoresistance. , 2016, , .		2
439	Induction of ROS Overload by Alantolactone Prompts Oxidative DNA Damage and Apoptosis in Colorectal Cancer Cells. International Journal of Molecular Sciences, 2016, 17, 558.	1.8	74

#	ARTICLE	IF	CITATIONS
440	A Novel Germline Mutation of KEAP1 (R483H) Associated with a Non-Toxic Multinodular Goiter. <i>Frontiers in Endocrinology</i> , 2016, 7, 131.	1.5	16
441	Cullin 3 Ubiquitin Ligases in Cancer Biology: Functions and Therapeutic Implications. <i>Frontiers in Oncology</i> , 2016, 6, 113.	1.3	66
442	Antioxidant Activity during Tumor Progression: A Necessity for the Survival of Cancer Cells?. <i>Cancers</i> , 2016, 8, 92.	1.7	57
443	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
444	Inhibition of Prostaglandin Reductase 2, a Putative Oncogene Overexpressed in Human Pancreatic Adenocarcinoma, Induces Oxidative Stress-Mediated Cell Death Involving xCT and CTH Gene Expressions through 15-Keto-PGE2. <i>PLoS ONE</i> , 2016, 11, e0147390.	1.1	21
445	Attenuating Oxidative Stress by Paeonol Protected against Acetaminophen-Induced Hepatotoxicity in Mice. <i>PLoS ONE</i> , 2016, 11, e0154375.	1.1	64
446	Multiple Modes of Nrf2 Regulation and Transcriptional Response. , 2016, , .		0
447	Metabolic, autophagic, and mitophagic activities in cancer initiation and progression. <i>Biomedical Journal</i> , 2016, 39, 98-106.	1.4	23
448	Metallothionein-1 as a biomarker of altered redox metabolism in hepatocellular carcinoma cells exposed to sorafenib. <i>Molecular Cancer</i> , 2016, 15, 38.	7.9	97
449	Challenges and Opportunities in Modeling Pancreatic Cancer. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2016, 81, 231-235.	2.0	8
450	Activation of the Keap1/Nrf2 stress response pathway in autophagic vacuolar myopathies. <i>Acta Neuropathologica Communications</i> , 2016, 4, 115.	2.4	24
451	Brusatol inhibits HIF-1 signaling pathway and suppresses glucose uptake under hypoxic conditions in HCT116 cells. <i>Scientific Reports</i> , 2016, 6, 39123.	1.6	53
452	Loss of Nrf2 abrogates the protective effect of Keap1 downregulation in a preclinical model of cutaneous squamous cell carcinoma. <i>Scientific Reports</i> , 2016, 6, 25804.	1.6	28
453	Cancer, Oxidative Stress, and Metastasis. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2016, 81, 163-175.	2.0	200
454	Oncometabolites: Unconventional triggers of oncogenic signalling cascades. <i>Free Radical Biology and Medicine</i> , 2016, 100, 175-181.	1.3	137
455	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
456	Optimal ROS Signaling Is Critical for Nuclear Reprogramming. <i>Cell Reports</i> , 2016, 15, 919-925.	2.9	108
457	TRIM21 Ubiquitylates SQSTM1/p62 and Suppresses Protein Sequestration to Regulate Redox Homeostasis. <i>Molecular Cell</i> , 2016, 61, 720-733.	4.5	162

#	ARTICLE	IF	CITATIONS
458	Autophagy and p53. Cold Spring Harbor Perspectives in Medicine, 2016, 6, a026120.	2.9	236
459	Activation of the p62-Keap1-NRF2 pathway protects against ferroptosis in hepatocellular carcinoma cells. Hepatology, 2016, 63, 173-184.	3.6	1,263
460	Mechanisms of HBV-induced hepatocellular carcinoma. Journal of Hepatology, 2016, 64, S84-S101.	1.8	664
461	Molecular and cellular basis for the unique functioning of Nrf1, an indispensable transcription factor for maintaining cell homeostasis and organ integrity. Biochemical Journal, 2016, 473, 961-1000.	1.7	117
462	Glutathione S-transferase alpha 4 induction by activator protein 1 in colorectal cancer. Oncogene, 2016, 35, 5795-5806.	2.6	30
463	Characterizing genomic alterations in cancer by complementary functional associations. Nature Biotechnology, 2016, 34, 539-546.	9.4	78
464	Glutathione biosynthesis is a metabolic vulnerability in PI(3)K/Akt-driven breast cancer. Nature Cell Biology, 2016, 18, 572-578.	4.6	197
465	Gankyrin has an antioxidative role through the feedback regulation of Nrf2 in hepatocellular carcinoma. Journal of Experimental Medicine, 2016, 213, 859-875.	4.2	48
466	Cytoplasmic localization of Nrf2 promotes colorectal cancer with more aggressive tumors via upregulation of PSMD4. Free Radical Biology and Medicine, 2016, 95, 121-132.	1.3	32
467	A new biosafe reactive oxygen species (ROS)-responsive nanoplatform for drug delivery. RSC Advances, 2016, 6, 38984-38989.	1.7	21
468	Nrf2 as a Possible Determinant of the Threshold for Carcinogenesis. , 2016, , 155-170.		0
469	Nrf2 Induces IL-17D to Mediate Tumor and Virus Surveillance. Cell Reports, 2016, 16, 2348-2358.	2.9	107
470	Adipose-derived mesenchymal stem cells promote the survival of fat grafts via crosstalk between the Nrf2 and TLR4 pathways. Cell Death and Disease, 2016, 7, e2369-e2369.	2.7	55
471	KRAS-related proteins in pancreatic cancer. , 2016, 168, 29-42.		151
472	Systematic Analysis Reveals that Cancer Mutations Converge on Deregulated Metabolism of Arachidonate and Xenobiotics. Cell Reports, 2016, 16, 878-895.	2.9	21
473	Shadows of NRF2 in cancer: Resistance to chemotherapy. Current Opinion in Toxicology, 2016, 1, 20-28.	2.6	30
474	The complex role of NRF2 in cancer: A genomic view. Current Opinion in Toxicology, 2016, 1, 37-45.	2.6	10
475	NOX-driven ROS formation in cell transformation of FLT3-ITD-positive AML. Experimental Hematology, 2016, 44, 1113-1122.	0.2	56

#	ARTICLE	IF	CITATIONS
476	NRF2 in neurodegenerative diseases. <i>Current Opinion in Toxicology</i> , 2016, 1, 46-53.	2.6	19
477	Synergistic antitumor activity of rapamycin and EF24 via increasing ROS for the treatment of gastric cancer. <i>Redox Biology</i> , 2016, 10, 78-89.	3.9	70
478	Roles of RAD18 in DNA Replication and Postreplication Repair. , 2016, , 257-273.		1
479	ATM/G6PD-driven redox metabolism promotes FLT3 inhibitor resistance in acute myeloid leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E6669-E6678.	3.3	82
480	Altered metabolite levels in cancer: implications for tumour biology and cancer therapy. <i>Nature Reviews Cancer</i> , 2016, 16, 680-693.	12.8	306
481	Mitochondria, cholesterol and cancer cell metabolism. <i>Clinical and Translational Medicine</i> , 2016, 5, 22.	1.7	127
482	Dual pharmacological inhibition of glutathione and thioredoxin systems synergizes to kill colorectal carcinoma stem cells. <i>Cancer Medicine</i> , 2016, 5, 2544-2557.	1.3	31
483	SLC25A22 Promotes Proliferation and Survival of Colorectal Cancer Cells With KRAS Mutations and Xenograft Tumor Progression in Mice via Intracellular Synthesis of Aspartate. <i>Gastroenterology</i> , 2016, 151, 945-960.e6.	0.6	100
484	NRF2 Promotes Tumor Maintenance by Modulating mRNA Translation in Pancreatic Cancer. <i>Cell</i> , 2016, 166, 963-976.	13.5	294
485	Mitochondria and Cancer. <i>Cell</i> , 2016, 166, 555-566.	13.5	1,203
486	<sc>UHRF1</sc> regulation of the Keap1â€Nrf2 pathway in pancreatic cancer contributes to oncogenesis. <i>Journal of Pathology</i> , 2016, 238, 423-433.	2.1	48
487	In search for symmetries in the metabolism of cancer. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2016, 8, 23-35.	6.6	6
488	Leveraging Mechanisms Governing Pancreatic Tumorigenesis To Reduce Pancreatic Cancer Mortality. <i>Trends in Endocrinology and Metabolism</i> , 2016, 27, 770-781.	3.1	10
489	Hydrocyanines. , 2016, , 207-224.		0
490	Hippo's Q for a big liver. <i>Nature Cell Biology</i> , 2016, 18, 835-837.	4.6	0
491	<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
492	Intracellular glutathione determines bortezomib cytotoxicity in multiple myeloma cells. <i>Blood Cancer Journal</i> , 2016, 6, e446-e446.	2.8	46
493	Small Molecule Inhibitor of NRF2 Selectively Intervenes Therapeutic Resistance in KEAP1-Deficient NSCLC Tumors. <i>ACS Chemical Biology</i> , 2016, 11, 3214-3225.	1.6	364

#	ARTICLE	IF	CITATIONS
494	HER2 expression identifies dynamic functional states within circulating breast cancer cells. <i>Nature</i> , 2016, 537, 102-106.	13.7	335
495	NRF2: Translating the Redox Code. <i>Trends in Molecular Medicine</i> , 2016, 22, 829-831.	3.5	6
496	The dual role of ROS, antioxidants and autophagy in cancer. <i>Biomedical Journal</i> , 2016, 39, 89-92.	1.4	11
497	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
498	Autophagy and mitochondrial dysfunction in adjuvant-arthritis rats treatment with resveratrol. <i>Scientific Reports</i> , 2016, 6, 32928.	1.6	49
499	Crosstalk among proteome, acetylome and succinylome in colon cancer HCT116 cell treated with sodium dichloroacetate. <i>Scientific Reports</i> , 2016, 6, 37478.	1.6	20
500	p53 mutations promote proteasomal activity. <i>Nature Cell Biology</i> , 2016, 18, 833-835.	4.6	7
501	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
502	Berberine reverses lapatinib resistance of HER2-positive breast cancer cells by increasing the level of ROS. <i>Cancer Biology and Therapy</i> , 2016, 17, 925-934.	1.5	52
503	Overview of redox regulation by Keap1-Nrf2 system in toxicology and cancer. <i>Current Opinion in Toxicology</i> , 2016, 1, 29-36.	2.6	39
504	Pan-cancer transcriptomic analysis associates long non-coding RNAs with key mutational driver events. <i>Nature Communications</i> , 2016, 7, 13197.	5.8	54
505	TALENs-directed knockout of the full-length transcription factor Nrf1 that represses malignant behaviour of human hepatocellular carcinoma (HepG2) cells. <i>Scientific Reports</i> , 2016, 6, 23775.	1.6	44
506	Aldo-keto reductases are biomarkers of NRF2 activity and are co-ordinately overexpressed in non-small cell lung cancer. <i>British Journal of Cancer</i> , 2016, 115, 1530-1539.	2.9	31
507	A <i>Caenorhabditis elegans</i> Model Elucidates a Conserved Role for TRPA1-Nrf Signaling in Reactive α -Dicarbonyl Detoxification. <i>Current Biology</i> , 2016, 26, 3014-3025.	1.8	54
508	Fundamentals of cancer metabolism. <i>Science Advances</i> , 2016, 2, e1600200.	4.7	2,039
509	NRF2 activation by antioxidant antidiabetic agents accelerates tumor metastasis. <i>Science Translational Medicine</i> , 2016, 8, 334ra51.	5.8	182
510	NQO1 Bioactivatable Drugs Enhance Radiation Responses. , 2016, , 225-252.		1
511	Genistein promotes the metabolic transformation of acetaminophen to glucuronic acid in human L-O2, HepG2 and Hep3b cells via the Nrf2/Keap1 pathway. <i>Food and Function</i> , 2016, 7, 4683-4692.	2.1	20

#	ARTICLE	IF	CITATIONS
512	ROS homeostasis and metabolism: a critical liaison for cancer therapy. <i>Experimental and Molecular Medicine</i> , 2016, 48, e269-e269.	3.2	211
513	Pancreatic cancer. <i>Nature Reviews Disease Primers</i> , 2016, 2, 16022.	18.1	1,301
514	p62 in Cancer: Signaling Adaptor Beyond Autophagy. <i>Cell</i> , 2016, 167, 606-609.	13.5	310
515	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
516	The Dual Roles of NRF2 in Cancer. <i>Trends in Molecular Medicine</i> , 2016, 22, 578-593.	3.5	508
517	ROS homeostasis and metabolism: a dangerous liason in cancer cells. <i>Cell Death and Disease</i> , 2016, 7, e2253-e2253.	2.7	846
518	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
519	Proteasome machinery is instrumental in a common gain-of-function program of the p53 missense mutants in cancer. <i>Nature Cell Biology</i> , 2016, 18, 897-909.	4.6	205
520	Curcumin in Treating Breast Cancer: A Review. <i>Journal of the Association for Laboratory Automation</i> , 2016, 21, 723-731.	2.8	99
521	Discovery and development of natural product oridonin-inspired anticancer agents. <i>European Journal of Medicinal Chemistry</i> , 2016, 122, 102-117.	2.6	132
522	Mutant KRas-Induced Mitochondrial Oxidative Stress in Acinar Cells Upregulates EGFR Signaling to Drive Formation of Pancreatic Precancerous Lesions. <i>Cell Reports</i> , 2016, 14, 2325-2336.	2.9	199
523	The anti-oxidative transcription factor Nuclear factor E2 related factor-2 (Nrf2) counteracts TGF- β 1 mediated growth inhibition of pancreatic ductal epithelial cells -Nrf2 as determinant of pro-tumorigenic functions of TGF- β 1. <i>BMC Cancer</i> , 2016, 16, 155.	1.1	17
524	Emerging roles of Nrf2 signal in non-small cell lung cancer. <i>Journal of Hematology and Oncology</i> , 2016, 9, 14.	6.9	50
525	Impact of intracellular ion channels on cancer development and progression. <i>European Biophysics Journal</i> , 2016, 45, 685-707.	1.2	40
526	PIM Kinase Inhibitors Kill Hypoxic Tumor Cells by Reducing Nrf2 Signaling and Increasing Reactive Oxygen Species. <i>Molecular Cancer Therapeutics</i> , 2016, 15, 1637-1647.	1.9	48
527	Opposing effects of TIGAR- and RAC1-derived ROS on Wnt-driven proliferation in the mouse intestine. <i>Genes and Development</i> , 2016, 30, 52-63.	2.7	87
528	Ferroptosis: Death by Lipid Peroxidation. <i>Trends in Cell Biology</i> , 2016, 26, 165-176.	3.6	1,807
529	Metabolic changes associated with tumor metastasis, part 2: Mitochondria, lipid and amino acid metabolism. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 1349-1363.	2.4	101

#	ARTICLE	IF	CITATIONS
530	Depleting Tumor-NQO1 Potentiates Anoikis and Inhibits Growth of NSCLC. <i>Molecular Cancer Research</i> , 2016, 14, 14-25.	1.5	50
531	Stress Regulates Aquaporin-8 Permeability to Impact Cell Growth and Survival. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 1031-1044.	2.5	82
532	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
533	Piperlongumine as a direct TrxR1 inhibitor with suppressive activity against gastric cancer. <i>Cancer Letters</i> , 2016, 375, 114-126.	3.2	115
534	Genetics and biology of pancreatic ductal adenocarcinoma. <i>Genes and Development</i> , 2016, 30, 355-385.	2.7	416
535	Baicalein protects C6 glial cells against hydrogen peroxide-induced oxidative stress and apoptosis through regulation of the Nrf2 signaling pathway. <i>International Journal of Molecular Medicine</i> , 2016, 37, 798-806.	1.8	41
536	Transketolase counteracts oxidative stress to drive cancer development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E725-34.	3.3	186
537	Oxidative stress and proteasome inhibitors in multiple myeloma. <i>Pharmacological Research</i> , 2016, 105, 210-215.	3.1	66
538	Mutant Kras copy number defines metabolic reprogramming and therapeutic susceptibilities. <i>Nature</i> , 2016, 531, 110-113.	13.7	256
539	ALDOA functions as an oncogene in the highly metastatic pancreatic cancer. <i>Cancer Letters</i> , 2016, 374, 127-135.	3.2	104
540	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
541	An essential role for functional lysosomes in ferroptosis of cancer cells. <i>Biochemical Journal</i> , 2016, 473, 769-777.	1.7	256
542	Identification of significantly mutated regions across cancer types highlights a rich landscape of functional molecular alterations. <i>Nature Genetics</i> , 2016, 48, 117-125.	9.4	80
543	Paradoxical Roles of Antioxidant Enzymes: Basic Mechanisms and Health Implications. <i>Physiological Reviews</i> , 2016, 96, 307-364.	13.1	283
544	The Warburg Effect: How Does it Benefit Cancer Cells?. <i>Trends in Biochemical Sciences</i> , 2016, 41, 211-218.	3.7	3,019
545	An Integrated Metabolic Atlas of Clear Cell Renal Cell Carcinoma. <i>Cancer Cell</i> , 2016, 29, 104-116.	7.7	531
546	Downregulation of Nrf2 by the combination of TRAIL and Valproic acid induces apoptotic cell death of TRAIL-resistant papillary thyroid cancer cells via suppression of Bcl-xL. <i>Cancer Letters</i> , 2016, 372, 65-74.	3.2	31
547	Suppression of NRF2 ^{ARE} activity sensitizes chemotherapeutic agent-induced cytotoxicity in human acute monocytic leukemia cells. <i>Toxicology and Applied Pharmacology</i> , 2016, 292, 1-7.	1.3	34

#	ARTICLE	IF	CITATIONS
548	Hesperetin induces apoptosis of esophageal cancer cells via mitochondrial pathway mediated by the increased intracellular reactive oxygen species. <i>Tumor Biology</i> , 2016, 37, 3451-3459.	0.8	46
549	Metabolic rewiring in melanoma. <i>Oncogene</i> , 2017, 36, 147-157.	2.6	129
550	Cancer metabolism: a therapeutic perspective. <i>Nature Reviews Clinical Oncology</i> , 2017, 14, 11-31.	12.5	1,028
551	KRas, ROS and the initiation of pancreatic cancer. <i>Small GTPases</i> , 2017, 8, 38-42.	0.7	65
552	Double trouble for tumours. <i>Nature</i> , 2017, 542, 34-35.	13.7	2
553	Cancer-associated fibroblasts promote M2 polarization of macrophages in pancreatic ductal adenocarcinoma. <i>Cancer Medicine</i> , 2017, 6, 463-470.	1.3	135
554	The cornerstone K-RAS mutation in pancreatic adenocarcinoma: From cell signaling network, target genes, biological processes to therapeutic targeting. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 111, 7-19.	2.0	57
555	Employing Metabolism to Improve the Diagnosis and Treatment of Pancreatic Cancer. <i>Cancer Cell</i> , 2017, 31, 5-19.	7.7	309
556	Wogonin reversed resistant human myelogenous leukemia cells via inhibiting Nrf2 signaling by Stat3/NF- κ B inactivation. <i>Scientific Reports</i> , 2017, 7, 39950.	1.6	31
557	Cell responses to cariogenic microorganisms and dental resin materials—Crosstalk at the dentin-pulp interface?. <i>Dental Materials</i> , 2017, 33, 514-524.	1.6	19
558	The NmrA-like family domain containing 1 pseudogene Loc344887 is amplified in gallbladder cancer and promotes epithelial-mesenchymal transition. <i>Chemical Biology and Drug Design</i> , 2017, 90, 456-463.	1.5	26
559	Free radical area needs a radical change. <i>Turkish Journal of Biochemistry</i> , 2017, 42, 237-239.	0.3	0
560	Energy metabolism in skin cancers: A therapeutic perspective. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2017, 1858, 712-722.	0.5	26
561	Simvastatin Protects Human Melanocytes from H ₂ O ₂ -Induced Oxidative Stress by Activating Nrf2. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1286-1296.	0.3	62
562	Iron accumulation, glutathione depletion, and lipid peroxidation must occur simultaneously during ferroptosis and are mutually amplifying events. <i>Medical Hypotheses</i> , 2017, 101, 69-74.	0.8	79
563	Leptinotarsa cap β collar isoform C/Kelch-like ECH associated protein β signaling is critical for the regulation of ecdysteroidogenesis in the larvae. <i>Insect Biochemistry and Molecular Biology</i> , 2017, 85, 1-10.	1.2	9
564	The glutamate/cystine xCT antiporter antagonizes glutamine metabolism and reduces nutrient flexibility. <i>Nature Communications</i> , 2017, 8, 15074.	5.8	204
565	ROS in Cancer: The Burning Question. <i>Trends in Molecular Medicine</i> , 2017, 23, 411-429.	3.5	398

#	ARTICLE	IF	CITATIONS
566	Modulating the therapeutic response of tumours to dietary serine and glycine starvation. <i>Nature</i> , 2017, 544, 372-376.	13.7	449
567	Nrf2 promotes mutant K-ras/p53-driven pancreatic carcinogenesis. <i>Carcinogenesis</i> , 2017, 38, 661-670.	1.3	46
568	A clinical drug library screen identifies clobetasol propionate as an NRF2 inhibitor with potential therapeutic efficacy in KEAP1 mutant lung cancer. <i>Oncogene</i> , 2017, 36, 5285-5295.	2.6	87
569	Differential effect of micron- versus nanoscale IIIâ€V particulates and ionic species on the zebrafish gut. <i>Environmental Science: Nano</i> , 2017, 4, 1350-1364.	2.2	11
570	Protective effects of Shanxi aged vinegar against hydrogen peroxide-induced oxidative damage in LO2 cells through Nrf2-mediated antioxidant responses. <i>RSC Advances</i> , 2017, 7, 17377-17386.	1.7	42
571	JWA antagonizes paraquat-induced neurotoxicity via activation of Nrf2. <i>Toxicology Letters</i> , 2017, 277, 32-40.	0.4	27
572	Signal Transductions of BEAS-2B Cells in Response to Carcinogenic PM _{2.5} Exposure Based on a Microfluidic System. <i>Analytical Chemistry</i> , 2017, 89, 5413-5421.	3.2	42
573	ROS signaling under metabolic stress: cross-talk between AMPK and AKT pathway. <i>Molecular Cancer</i> , 2017, 16, 79.	7.9	452
574	Binge Alcohol Intake After Hypergravity Stress Sustainably Decreases AMPK and Transcription Factors Necessary for Hepatocyte Survival. <i>Alcoholism: Clinical and Experimental Research</i> , 2017, 41, 76-86.	1.4	3
575	Metabolism during ECM Detachment: Achilles Heel of Cancer Cells?. <i>Trends in Cancer</i> , 2017, 3, 475-481.	3.8	67
576	Serine and Functional Metabolites in Cancer. <i>Trends in Cell Biology</i> , 2017, 27, 645-657.	3.6	138
577	Hydrocyanines: a versatile family of probes for imaging radical oxidants in vitro and in vivo. <i>Molecular Systems Design and Engineering</i> , 2017, 2, 191-200.	1.7	20
578	Perspectives of the Nrf-2 signaling pathway in cancer progression and therapy. <i>Toxicology Reports</i> , 2017, 4, 306-318.	1.6	108
580	A novel STAT3 inhibitor HO-3867 induces cell apoptosis by reactive oxygen species-dependent endoplasmic reticulum stress in human pancreatic cancer cells. <i>Anti-Cancer Drugs</i> , 2017, 28, 392-400.	0.7	24
581	Therapeutic targets in the selective killing of cancer cells by nanomaterials. <i>Clinica Chimica Acta</i> , 2017, 469, 53-62.	0.5	14
582	Using a novel NQO1 bioactivatable drug, betaâ€lapachone (ARQ761), to enhance chemotherapeutic effects by metabolic modulation in pancreatic cancer. <i>Journal of Surgical Oncology</i> , 2017, 116, 83-88.	0.8	24
583	Nrf2-Dependent and -Independent Effects of <i>tert</i> -Butylhydroquinone, CDDO-Im, and H ₂ O ₂ in Human Jurkat T Cells as Determined by CRISPR/Cas9 Gene Editing. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 361, 259-267.	1.3	15
584	HXâ€1171, a Novel Nrf2 Activator, Induces <i>NQO1</i> and <i>HMOX1</i> Expression. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 3372-3380.	1.2	11

#	ARTICLE	IF	CITATIONS
585	Halofuginone enhances the chemo-sensitivity of cancer cells by suppressing NRF2 accumulation. <i>Free Radical Biology and Medicine</i> , 2017, 103, 236-247.	1.3	117
586	The Keap1-Nrf2 pathway: promising therapeutic target to counteract ROS-mediated damage in cancers and neurodegenerative diseases. <i>Biophysical Reviews</i> , 2017, 9, 41-56.	1.5	286
587	Metallothionein prevents doxorubicin cardiac toxicity by indirectly regulating the uncoupling proteins 2. <i>Food and Chemical Toxicology</i> , 2017, 110, 204-213.	1.8	12
588	Sulforaphane reactivates cellular antioxidant defense by inducing Nrf2/ARE/Prdx6 activity during aging and oxidative stress. <i>Scientific Reports</i> , 2017, 7, 14130.	1.6	153
589	mTOR and HDAC Inhibitors Converge on the TXNIP/Thioredoxin Pathway to Cause Catastrophic Oxidative Stress and Regression of RAS-Driven Tumors. <i>Cancer Discovery</i> , 2017, 7, 1450-1463.	7.7	87
590	Keap1 loss promotes Kras-driven lung cancer and results in dependence on glutaminolysis. <i>Nature Medicine</i> , 2017, 23, 1362-1368.	15.2	462
591	TGF- β -Induced Quiescence Mediates Chemoresistance of Tumor-Propagating Cells in Squamous Cell Carcinoma. <i>Cell Stem Cell</i> , 2017, 21, 650-664.e8.	5.2	119
592	NEMO peptide inhibits the growth of pancreatic ductal adenocarcinoma by blocking NF- κ B activation. <i>Cancer Letters</i> , 2017, 411, 44-56.	3.2	9
593	Targeting Metabolism for Cancer Therapy. <i>Cell Chemical Biology</i> , 2017, 24, 1161-1180.	2.5	677
594	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
595	Inhibition of pyruvate carboxylase by 1 α ,25-dihydroxyvitamin D promotes oxidative stress in early breast cancer progression. <i>Cancer Letters</i> , 2017, 411, 171-181.	3.2	67
596	Proteasome dysregulation in human cancer: implications for clinical therapies. <i>Cancer and Metastasis Reviews</i> , 2017, 36, 703-716.	2.7	39
597	Survival of pancreatic cancer cells lacking KRAS function. <i>Nature Communications</i> , 2017, 8, 1090.	5.8	131
598	Thiophene bridged hydrocyanine – a new fluorogenic ROS probe. <i>Chemical Communications</i> , 2017, 53, 10184-10187.	2.2	14
599	DNA repair factor RAD18 and DNA polymerase Pol η confer tolerance of oncogenic DNA replication stress. <i>Journal of Cell Biology</i> , 2017, 216, 3097-3115.	2.3	52
600	The NQO1 bioactivatable drug, β -lapachone, alters the redox state of NQO1+ pancreatic cancer cells, causing perturbation in central carbon metabolism. <i>Journal of Biological Chemistry</i> , 2017, 292, 18203-18216.	1.6	72
601	Galectin-3, a Druggable Vulnerability for KRAS-Addicted Cancers. <i>Cancer Discovery</i> , 2017, 7, 1464-1479.	7.7	78
602	Metabolomic and transcriptomic profiling of hepatocellular carcinomas in Hras12V transgenic mice. <i>Cancer Medicine</i> , 2017, 6, 2370-2384.	1.3	14

#	ARTICLE	IF	CITATIONS
603	Crosstalk between NRF2 and HIPK2 shapes cytoprotective responses. <i>Oncogene</i> , 2017, 36, 6204-6212.	2.6	75
604	Redox regulation of proteasome function. <i>Redox Biology</i> , 2017, 13, 452-458.	3.9	84
605	Inflammation-Related Pancreatic Carcinogenesis. <i>Pancreas</i> , 2017, 46, 973-985.	0.5	8
606	Stressing Out PanIN: NRF2 Pushes over the Edge. <i>Cancer Cell</i> , 2017, 32, 723-725.	7.7	5
607	Enhanced B-Raf-mediated NRF2 gene transcription and HATs-mediated NRF2 protein acetylation contributes to ABCC1-mediated chemoresistance and glutathione-mediated survival in acquired topoisomerase II poison-resistant cancer cells. <i>Free Radical Biology and Medicine</i> , 2017, 113, 505-518.	1.3	18
608	Advances in the Genetics and Biology of Pancreatic Cancer. <i>Cancer Journal (Sudbury, Mass)</i> , 2017, 23, 315-320.	1.0	17
609	Whey Protein Concentrate Renders MDA-MB-231 Cells Sensitive to Rapamycin by Altering Cellular Redox State and Activating GSK3 β /mTOR Signaling. <i>Scientific Reports</i> , 2017, 7, 15976.	1.6	16
610	Stress-Activated NRF2-MDM2 Cascade Controls Neoplastic Progression in Pancreas. <i>Cancer Cell</i> , 2017, 32, 824-839.e8.	7.7	97
611	Characteristics and Unmet Clinical Needs Related to Hepatocellular Carcinoma. <i>Digestive Disease Interventions</i> , 2017, 01, 074-082.	0.3	0
612	The mitochondrial dynamics in cancer and immune-surveillance. <i>Seminars in Cancer Biology</i> , 2017, 47, 29-42.	4.3	77
613	R-Spondin chromosome rearrangements drive Wnt-dependent tumour initiation and maintenance in the intestine. <i>Nature Communications</i> , 2017, 8, 15945.	5.8	97
614	Pyruvate dehydrogenase kinase 4 exhibits a novel role in the activation of mutant KRAS, regulating cell growth in lung and colorectal tumour cells. <i>Oncogene</i> , 2017, 36, 6164-6176.	2.6	20
615	Similarities and Distinctions of Cancer and Immune Metabolism in Inflammation and Tumors. <i>Cell Metabolism</i> , 2017, 26, 49-70.	7.2	268
616	Pharmacological stimulation of nuclear factor (erythroid-derived 2)-like 2 translation activates antioxidant responses. <i>Journal of Biological Chemistry</i> , 2017, 292, 14108-14121.	1.6	20
617	Interaction of tankyrase and peroxiredoxin II is indispensable for the survival of colorectal cancer cells. <i>Nature Communications</i> , 2017, 8, 40.	5.8	37
618	Nrf2 Mutagenic Activation Drives Hepatocarcinogenesis. <i>Cancer Research</i> , 2017, 77, 4797-4808.	0.4	68
619	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
620	Targeting reactive oxygen species in development and progression of pancreatic cancer. <i>Expert Review of Anticancer Therapy</i> , 2017, 17, 19-31.	1.1	51

#	ARTICLE	IF	CITATIONS
621	Mutant p53â€Nrf2 axis regulates the proteasome machinery in cancer. <i>Molecular and Cellular Oncology</i> , 2017, 4, e1217967.	0.3	12
622	The Two Faces of Reactive Oxygen Species in Cancer. <i>Annual Review of Cancer Biology</i> , 2017, 1, 79-98.	2.3	395
623	Role of <i>KEAP1</i> and <i>NRF2</i> and <i>TP53</i> Mutations in Lung Squamous Cell Carcinoma Development and Radiation Resistance. <i>Cancer Discovery</i> , 2017, 7, 86-101.	7.7	239
624	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
625	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
626	Targeting Metabolic Vulnerabilities in RAS-Mutant Cells. , 2017, , 193-212.		1
627	The Wnt inhibitor LGK-974 enhances radiosensitivity of HepG2 cells by modulating Nrf2 signaling. <i>International Journal of Oncology</i> , 2017, 51, 545-554.	1.4	25
628	Curcumol inhibits the proliferation of gastric adenocarcinoma MGC-803 cells via downregulation of IDH1. <i>Oncology Reports</i> , 2017, 38, 3583-3591.	1.2	27
629	Glutaminolysis drives membrane trafficking to promote invasiveness of breast cancer cells. <i>Nature Communications</i> , 2017, 8, 2255.	5.8	65
630	Oxidative Stress, Nrf2, and Epigenetic Modification Contribute to Anticancer Drug Resistance. <i>Toxicological Research</i> , 2017, 33, 1-5.	1.1	80
631	Computational Model Predicts the Effects of Targeting Cellular Metabolism in Pancreatic Cancer. <i>Frontiers in Physiology</i> , 2017, 8, 217.	1.3	47
632	Nrf2, the Master Regulator of Anti-Oxidative Responses. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2772.	1.8	462
633	Effect of Angelica sinensis Root Extract on Cancer Prevention in Different Stages of an AOM/DSS Mouse Model. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1750.	1.8	16
634	Proteome Stability as a Key Factor of Genome Integrity. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2036.	1.8	30
635	Nrf2-Inducers Counteract Neurodegeneration in Frataxin-Silenced Motor Neurons: Disclosing New Therapeutic Targets for Friedreichâ€™s Ataxia. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2173.	1.8	58
636	Oxidative Stress Gene Expression Profile Correlates with Cancer Patient Poor Prognosis: Identification of Crucial Pathways Might Select Novel Therapeutic Approaches. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-18.	1.9	102
637	Correlation between Oxidative Stress, Nutrition, and Cancer Initiation. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1544.	1.8	281
638	New Challenges to Study Heterogeneity in Cancer Redox Metabolism. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 65.	1.8	65

#	ARTICLE	IF	CITATIONS
639	Strange Bedfellows: Nuclear Factor, Erythroid 2-Like 2 (Nrf2) and Hypoxia-Inducible Factor 1 (HIF-1) in Tumor Hypoxia. <i>Antioxidants</i> , 2017, 6, 27.	2.2	79
640	Insights into the Dichotomous Regulation of SOD2 in Cancer. <i>Antioxidants</i> , 2017, 6, 86.	2.2	100
641	MTH1 as a Chemotherapeutic Target: The Elephant in the Room. <i>Cancers</i> , 2017, 9, 47.	1.7	52
642	Mitochondrial and Oxidative Stress-Mediated Activation of Protein Kinase D1 and Its Importance in Pancreatic Cancer. <i>Frontiers in Oncology</i> , 2017, 7, 41.	1.3	28
643	Involvement of Nrf2 in Ocular Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-18.	1.9	61
644	Oligomeric proanthocyanidins protects A549 cells against H ₂ O ₂ -induced oxidative stress via the Nrf2-ARE pathway. <i>International Journal of Molecular Medicine</i> , 2017, 39, 1548-1554.	1.8	19
645	KEAP1 loss modulates sensitivity to kinase targeted therapy in lung cancer. <i>ELife</i> , 2017, 6, .	2.8	92
646	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
647	Silencing of NRF2 Reduces the Expression of ALDH1A1 and ALDH3A1 and Sensitizes to 5-FU in Pancreatic Cancer Cells. <i>Antioxidants</i> , 2017, 6, 52.	2.2	54
648	(S)-crizotinib induces apoptosis in human non-small cell lung cancer cells by activating ROS independent of MTH1. <i>Journal of Experimental and Clinical Cancer Research</i> , 2017, 36, 120.	3.5	27
649	Pancreatic Cancer, Pancreatitis, and Oxidative Stress. , 2017, , 173-186.		4
650	Superoxide Dismutases in Pancreatic Cancer. <i>Antioxidants</i> , 2017, 6, 66.	2.2	12
651	Nrf2. , 2017, , 355-374.		8
652	Mitochondrial "power" drives tamoxifen resistance: NQO1 and GCLC are new therapeutic targets in breast cancer. <i>Oncotarget</i> , 2017, 8, 20309-20327.	0.8	65
653	Glucose-6-phosphate dehydrogenase and transketolase modulate breast cancer cell metabolic reprogramming and correlate with poor patient outcome. <i>Oncotarget</i> , 2017, 8, 106693-106706.	0.8	62
654	Astilbin ameliorates cisplatin-induced nephrotoxicity through reducing oxidative stress and inflammation. <i>Food and Chemical Toxicology</i> , 2018, 114, 227-236.	1.8	78
655	Glutathione peroxidase 4 overexpression inhibits ROS-induced cell death in diffuse large B-cell lymphoma. <i>Laboratory Investigation</i> , 2018, 98, 609-619.	1.7	107
656	Transcription Factor NRF2 as a Therapeutic Target for Chronic Diseases: A Systems Medicine Approach. <i>Pharmacological Reviews</i> , 2018, 70, 348-383.	7.1	441

#	ARTICLE	IF	CITATIONS
657	Oncogenic mutations in <i>KEAP1</i> disturbing inhibitory Nrf2-Keap1 interaction: Activation of antioxidative pathway in papillary thyroid carcinoma. <i>Head and Neck</i> , 2018, 40, 1271-1278.	0.9	15
658	Genetic mutations associated with lung cancer metastasis to the brain. <i>Mutagenesis</i> , 2018, 33, 137-145.	1.0	35
659	Need (more than) two to <i>Tango</i> : Multiple tools to adapt to changes in oxygen availability. <i>BioFactors</i> , 2018, 44, 207-218.	2.6	27
660	Glucose metabolism and NRF2 coordinate the antioxidant response in melanoma resistant to MAPK inhibitors. <i>Cell Death and Disease</i> , 2018, 9, 325.	2.7	71
661	LicA induces autophagy through ULK1/Atg13 and ROS pathway in human hepatocellular carcinoma cells. <i>International Journal of Molecular Medicine</i> , 2018, 41, 2601-2608.	1.8	18
662	Colorectal Tumors Require NIAK1 for Protection from Oxidative Stress. <i>Cancer Discovery</i> , 2018, 8, 632-647.	7.7	57
663	Redox control in cancer development and progression. <i>Molecular Aspects of Medicine</i> , 2018, 63, 88-98.	2.7	103
664	Nrf2 and Keap1 abnormalities in esophageal squamous cell carcinoma and association with the effect of chemoradiotherapy. <i>Thoracic Cancer</i> , 2018, 9, 726-735.	0.8	28
665	Mechanisms of Oncogene-Induced Replication Stress: Jigsaw Falling into Place. <i>Cancer Discovery</i> , 2018, 8, 537-555.	7.7	274
666	Recent advances in cancer metabolism: a technological perspective. <i>Experimental and Molecular Medicine</i> , 2018, 50, 1-16.	3.2	46
667	General Introduction and Nanoscale View of the Cell. , 2018, , 1-42.		0
668	BET-acting on Nrf2: How Nrf2 Signaling can Influence the Therapeutic Activities of BET Protein Inhibitors. <i>BioEssays</i> , 2018, 40, e1800007.	1.2	19
669	Impact of <i>Nrf2</i> on tumour growth and drug sensitivity in oncogenic K-ras-transformed cells <i>in vitro</i> and <i>in vivo</i> . <i>Free Radical Research</i> , 2018, 52, 661-671.	1.5	13
670	Anticancer Potential of Dietary Polyphenols. , 2018, , 25-50.		3
671	Effect of Arsenic Exposure on NRF2-KEAP1 Pathway and Epigenetic Modification. <i>Biological Trace Element Research</i> , 2018, 185, 11-19.	1.9	33
672	Structure and functions of the translation initiation factor eIF4E and its role in cancer development and treatment. <i>Journal of Genetics and Genomics</i> , 2018, 45, 13-24.	1.7	40
673	Combinatorial CRISPR-Cas9 Metabolic Screens Reveal Critical Redox Control Points Dependent on the KEAP1-NRF2 Regulatory Axis. <i>Molecular Cell</i> , 2018, 69, 699-708.e7.	4.5	81
674	Inhibition of KRAS-dependent lung cancer cell growth by deltarasin: blockage of autophagy increases its cytotoxicity. <i>Cell Death and Disease</i> , 2018, 9, 216.	2.7	41

#	ARTICLE	IF	CITATIONS
675	Intercellular communication of DNA damage and oxidative status underpin bystander effects. <i>International Journal of Radiation Biology</i> , 2018, 94, 719-726.	1.0	22
676	A small molecule targeting glutathione activates Nrf2 and inhibits cancer cell growth through promoting Keap-1 <i>S</i> -glutathionylation and inducing apoptosis. <i>RSC Advances</i> , 2018, 8, 792-804.	1.7	11
677	Regulation of redox balance in cancer and T cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 7499-7507.	1.6	127
678	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
679	Design and Synthesis of Novel Reactive Oxygen Species Inducers for the Treatment of Pancreatic Ductal Adenocarcinoma. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 1576-1594.	2.9	24
680	Redox regulation of microRNAs in cancer. <i>Cancer Letters</i> , 2018, 418, 250-259.	3.2	38
681	Biomarkers of tumour redox status in response to modulations of glutathione and thioredoxin antioxidant pathways. <i>Free Radical Research</i> , 2018, 52, 256-266.	1.5	8
682	Oncogenic KRAS Regulates Amino Acid Homeostasis and Asparagine Biosynthesis via ATF4 and Alters Sensitivity to L-Asparaginase. <i>Cancer Cell</i> , 2018, 33, 91-107.e6.	7.7	158
683	Kras in Organoids. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2018, 8, a031575.	2.9	4
684	Repurposing of the CDK inhibitor PHA-767491 as a NRF2 inhibitor drug candidate for cancer therapy via redox modulation. <i>Investigational New Drugs</i> , 2018, 36, 590-600.	1.2	19
685	Activation of Nrf2 signaling by natural products-can it alleviate diabetes?. <i>Biotechnology Advances</i> , 2018, 36, 1738-1767.	6.0	155
686	NRF2 and the Hallmarks of Cancer. <i>Cancer Cell</i> , 2018, 34, 21-43.	7.7	1,016
687	To Claim Growth Turf, mTOR Says SOD Off. <i>Molecular Cell</i> , 2018, 70, 383-384.	4.5	8
689	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
690	NAD(P)H:Quinone Oxidoreductase 1 (NQO1) as a Therapeutic and Diagnostic Target in Cancer. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 6983-7003.	2.9	149
691	Metabolism in Pancreatic Cancer. , 2018, , 1379-1400.		1
692	<i>dCK</i> negatively regulates the <i>NRF2</i> / <i>ARE</i> axis and <i>ROS</i> production in pancreatic cancer. <i>Cell Proliferation</i> , 2018, 51, e12456.	2.4	22
693	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
694	Metformin Promotes HaCaT Cell Apoptosis through Generation of Reactive Oxygen Species via Raf-1-ERK1/2-Nrf2 Inactivation. <i>Inflammation</i> , 2018, 41, 948-958.	1.7	25
695	Oxidative stress and mitochondrial adaptive shift during pituitary tumoral growth. <i>Free Radical Biology and Medicine</i> , 2018, 120, 41-55.	1.3	25
696	Antioxidants: Differing Meanings in Food Science and Health Science. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3063-3068.	2.4	83
697	NRF2 addiction in cancer cells. <i>Cancer Science</i> , 2018, 109, 900-911.	1.7	197
698	Nrf2 targeting by sulforaphane: A potential therapy for cancer treatment. <i>Critical Reviews in Food Science and Nutrition</i> , 2018, 58, 1391-1405.	5.4	129
699	Metabolic rewiring in mutant Kras lung cancer. <i>FEBS Journal</i> , 2018, 285, 28-41.	2.2	59
700	Cancer metabolism: New insights into classic characteristics. <i>Japanese Dental Science Review</i> , 2018, 54, 8-21.	2.0	94
701	Bioengineered NRF2-siRNA Is Effective to Interfere with NRF2 Pathways and Improve Chemosensitivity of Human Cancer Cells. <i>Drug Metabolism and Disposition</i> , 2018, 46, 2-10.	1.7	56
702	Mitochondrial and anabolic pathways in hepatocellular carcinoma. <i>Hepatology</i> , 2018, 67, 823-825.	3.6	2
703	The effects of NRF2 modulation on the initiation and progression of chemically and genetically induced lung cancer. <i>Molecular Carcinogenesis</i> , 2018, 57, 182-192.	1.3	89
704	NQO1 in protection against oxidative stress. <i>Current Opinion in Toxicology</i> , 2018, 7, 67-72.	2.6	64
705	Simultaneous <i>K-ras</i> activation and <i>Keap1</i> deletion cause atrophy of pancreatic parenchyma. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, G65-G74.	1.6	19
706	Oncogenic RAS-induced CK1 β drives nuclear FOXO proteolysis. <i>Oncogene</i> , 2018, 37, 363-376.	2.6	22
707	Hepatic peroxisome proliferator-activated receptor β coactivator 1 β drives mitochondrial and anabolic signatures that contribute to hepatocellular carcinoma progression in mice. <i>Hepatology</i> , 2018, 67, 884-898.	3.6	28
708	Reactive oxygen species (ROS) are a key determinant of cancer's metabolic phenotype. <i>International Journal of Cancer</i> , 2018, 142, 440-448.	2.3	133
709	Transcriptional Regulation by Nrf2. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 1727-1745.	2.5	1,356
710	The Regulation of NRF2 by Nutrient-Responsive Signaling and Its Role in Anabolic Cancer Metabolism. <i>Antioxidants and Redox Signaling</i> , 2018, 29, 1774-1791.	2.5	54
711	Synthetic Lethal Vulnerabilities in <i>KRAS</i> -Mutant Cancers. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2018, 8, a031518.	2.9	63

#	ARTICLE	IF	CITATIONS
712	Reactive Oxygen Species and Oncoprotein Signaling-A Dangerous Liaison. Antioxidants and Redox Signaling, 2018, 29, 1553-1588.	2.5	22
713	Molecular genetics and cellular events of K-Ras-driven tumorigenesis. Oncogene, 2018, 37, 839-846.	2.6	69
714	Mitochondrial metabolism and cancer. Cell Research, 2018, 28, 265-280.	5.7	818
715	Nrf2 overexpression is associated with P-glycoprotein upregulation in gastric cancer. Biomedicine and Pharmacotherapy, 2018, 97, 286-292.	2.5	53
716	Saikosaponinâ€d alleviates carbonâ€tetrachloride induced acute hepatocellular injury by inhibiting oxidative stress and NLRP3 inflammasome activation in the HLâ€7702 cell line. Molecular Medicine Reports, 2018, 17, 7939-7946.	1.1	14
717	Sulforaphane Inhibits Liver Cancer Cell Growth and Angiogenesis. Annals of Behavioural Science, 2018, 04, .	0.1	4
718	Oxidative Stress in Cells with Extra Centrosomes Drives Non-Cell-Autonomous Invasion. Developmental Cell, 2018, 47, 409-424.e9.	3.1	100
719	Critical Review on Zeolite Clinoptilolite Safety and Medical Applications in vivo. Frontiers in Pharmacology, 2018, 9, 1350.	1.6	137
720	Suppressing NLRP2 expression accelerates hepatic steatosis: AÂmechanism involving inflammation and oxidative stress. Biochemical and Biophysical Research Communications, 2018, 507, 22-29.	1.0	13
721	Prior History of Pancreatitis Accelerates the Development of Pancreatic Adenocarcinoma. Pancreas, 2018, 47, 1262-1266.	0.5	10
722	Epigallocatechin-3-gallate Enhances Radiation Sensitivity in Colorectal Cancer Cells Through Nrf2 Activation and Autophagy. Anticancer Research, 2018, 38, 6247-6252.	0.5	46
723	Dimethyl fumarate is highly cytotoxic in KRAS mutated cancer cells but spares non-tumorigenic cells. Oncotarget, 2018, 9, 9088-9099.	0.8	29
724	Metabolic Dependencies in Pancreatic Cancer. Frontiers in Oncology, 2018, 8, 617.	1.3	60
725	Oncogenic Activation of Nrf2, Though as a Master Antioxidant Transcription Factor, Liberated by Specific Knockout of the Full-Length Nrf1Î± that Acts as a Dominant Tumor Repressor. Cancers, 2018, 10, 520.	1.7	42
726	Sensing Oxidative Stress: The NRF2 Signaling Pathway. , 2018, , 337-351.		0
727	Metabolism of Glutathione S-Conjugates: Multiple Pathways. , 2018, , 363-406.		27
728	Challenges facing nanotoxicology and nanomedicine due to cellular diversity. Clinica Chimica Acta, 2018, 487, 186-196.	0.5	17
729	Importance of the Keap1-Nrf2 pathway in NSCLC: Is it a possible biomarker? (Review). Biomedical Reports, 2018, 9, 375-382.	0.9	26

#	ARTICLE	IF	CITATIONS
730	Regulatory crosstalk between the oxidative stress-related transcription factor Nfe2l2/Nrf2 and mitochondria. <i>Toxicology and Applied Pharmacology</i> , 2018, 359, 24-33.	1.3	172
731	Tuberous sclerosis complex is required for tumor maintenance in MYC-driven Burkitt's lymphoma. <i>EMBO Journal</i> , 2018, 37, .	3.5	10
732	Nrf1 is paved as a new strategic avenue to prevent and treat cancer, neurodegenerative and other diseases. <i>Toxicology and Applied Pharmacology</i> , 2018, 360, 273-283.	1.3	46
733	A systematic review on the neuroprotective perspectives of beta-carayophyllene. <i>Phytotherapy Research</i> , 2018, 32, 2376-2388.	2.8	80
734	Defenses against Pro-oxidant Forces - Maintenance of Cellular and Genomic Integrity and Longevity. <i>Radiation Research</i> , 2018, 190, 331.	0.7	17
735	Interleukin-17D and Nrf2 mediate initial innate immune cell recruitment and restrict MCMV infection. <i>Scientific Reports</i> , 2018, 8, 13670.	1.6	29
736	Antioxidants: Positive or Negative Actors?. <i>Biomolecules</i> , 2018, 8, 124.	1.8	150
737	Cytoprotective Effect of 120 Hz Electromagnetic Fields on Early Hepatocarcinogenesis: Experimental and Theoretical Findings. , 0, , .		0
738	ECM Remodeling in Breast Cancer with Different Grade: Contribution of 2D DIGE Proteomics. <i>Proteomics</i> , 2018, 18, e1800278.	1.3	19
739	Nuclear lactate dehydrogenase A senses ROS to produce β -hydroxybutyrate for HPV-induced cervical tumor growth. <i>Nature Communications</i> , 2018, 9, 4429.	5.8	115
740	NRF2 transcriptionally activates the heat shock factor 1 promoter under oxidative stress and affects survival and migration potential of MCF7 cells. <i>Journal of Biological Chemistry</i> , 2018, 293, 19303-19316.	1.6	44
741	Metabolic features of cancer cells. <i>Cancer Communications</i> , 2018, 38, 1-6.	3.7	77
742	Association between bivariate expression of key oncogenes and metabolic phenotypes of patients with prostate cancer. <i>Computers in Biology and Medicine</i> , 2018, 103, 55-63.	3.9	3
743	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
744	The effects of Nrf2 knockout on regulation of benzene-induced mouse hematotoxicity. <i>Toxicology and Applied Pharmacology</i> , 2018, 358, 56-67.	1.3	16
745	Nrf2 activation drive macrophages polarization and cancer cell epithelial-mesenchymal transition during interaction. <i>Cell Communication and Signaling</i> , 2018, 16, 54.	2.7	118
746	Identification of a functional antioxidant response element at the HIF1A locus. <i>Redox Biology</i> , 2018, 19, 401-411.	3.9	77
747	A distinct class of antioxidant response elements is consistently activated in tumors with NRF2 mutations. <i>Redox Biology</i> , 2018, 19, 235-249.	3.9	37

#	ARTICLE	IF	CITATIONS
748	Targeting the upstream transcriptional activator of PD-L1 as an alternative strategy in melanoma therapy. <i>Oncogene</i> , 2018, 37, 4941-4954.	2.6	83
749	MYC-induced metabolic stress and tumorigenesis. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1870, 43-50.	3.3	30
750	Cancer Cells Co-opt the Neuronal Redox-Sensing Channel TRPA1 to Promote Oxidative-Stress Tolerance. <i>Cancer Cell</i> , 2018, 33, 985-1003.e7.	7.7	184
751	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
752	Pentose conversions support the tumorigenesis of pancreatic cancer distant metastases. <i>Oncogene</i> , 2018, 37, 5248-5256.	2.6	19
753	Brusatol Enhances the Chemotherapy Efficacy of Gemcitabine in Pancreatic Cancer via the Nrf2 Signalling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	1.9	76
754	Targeting Mitochondrial Bioenergetics as a Therapeutic Strategy for Chronic Lymphocytic Leukemia. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	1.9	26
755	Changes of KEAP1/NRF2 and IKB/NF- κ B Expression Levels Induced by Cell-Free DNA in Different Cell Types. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-17.	1.9	28
756	Inhibition of epithelial cell migration and Src/FAK signaling by SIRT3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7057-7062.	3.3	55
757	Epigenetic versus Genetic Deregulation of the KEAP1/NRF2 Axis in Solid Tumors: Focus on Methylation and Noncoding RNAs. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-21.	1.9	41
758	Using Ultrafast Responsive Phosphorescent Nanoprobe to Visualize Elevated Peroxynitrite In Vitro and In Vivo via Ratiometric and Time-Resolved Photoluminescence Imaging. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800309.	3.9	35
759	Targeting Breast Cancer Stem Cell State Equilibrium through Modulation of Redox Signaling. <i>Cell Metabolism</i> , 2018, 28, 69-86.e6.	7.2	284
760	Treating pancreatic cancer: more antioxidants more problems?. <i>Expert Review of Gastroenterology and Hepatology</i> , 2018, 12, 849-851.	1.4	6
761	What Has Come out from Phytomedicines and Herbal Edibles for the Treatment of Cancer?. <i>ChemMedChem</i> , 2018, 13, 1854-1872.	1.6	38
762	Tumor cross-talk networks promote growth and support immune evasion in pancreatic cancer. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 315, G27-G35.	1.6	18
763	Strategies to Tackle Radiation Resistance by Penetrating Cancer Stem Cell Line of Scrimmage. <i>Recent Patents on Anti-Cancer Drug Discovery</i> , 2018, 13, 18-39.	0.8	4
764	Senescence Inducer Shikonin ROS-Dependently Suppressed Lung Cancer Progression. <i>Frontiers in Pharmacology</i> , 2018, 9, 519.	1.6	31
765	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

#	ARTICLE	IF	CITATIONS
766	Hormetic dose response to L-ascorbic acid as an anti-cancer drug in colorectal cancer cell lines according to SVCT-2 expression. <i>Scientific Reports</i> , 2018, 8, 11372.	1.6	41
767	Chrysin suppresses proliferation, migration, and invasion in glioblastoma cell lines via mediating the ERK/Nrf2 signaling pathway. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 721-733.	2.0	69
768	The Role of Mitochondrial H ⁺ -ATP Synthase in Cancer. <i>Frontiers in Oncology</i> , 2018, 8, 53.	1.3	58
769	Phosphoinositide 3-Kinase/Akt Signaling and Redox Metabolism in Cancer. <i>Frontiers in Oncology</i> , 2018, 8, 160.	1.3	283
770	Metabolic Alterations in Cancer Cells and the Emerging Role of Oncometabolites as Drivers of Neoplastic Change. <i>Antioxidants</i> , 2018, 7, 16.	2.2	27
771	ROS Modulator Molecules with Therapeutic Potential in Cancers Treatments. <i>Molecules</i> , 2018, 23, 84.	1.7	43
772	Flexibility in metabolism bestows tenacious viability on cancer. <i>Life Sciences</i> , 2018, 208, 20-25.	2.0	4
773	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
774	Targeting Protein Quality Control Mechanisms by Natural Products to Promote Healthy Ageing. <i>Molecules</i> , 2018, 23, 1219.	1.7	29
775	The role of Nrf2 transcription factor in viral infection. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 6366-6382.	1.2	75
776	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
777	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. <i>BMC Cancer</i> , 2018, 18, 493.	1.1	5
778	The plasticity of pancreatic cancer metabolism in tumor progression and therapeutic resistance. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1870, 67-75.	3.3	93
779	Nrf2 mediates the resistance of human A549 and HepG2 cancer cells to boningmycin, a new antitumor antibiotic, in vitro through regulation of glutathione levels. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 1661-1669.	2.8	19
780	<sc>GRP</sc>78–mediated antioxidant response and <sc>ABC</sc> transporter activity confers chemoresistance to pancreatic cancer cells. <i>Molecular Oncology</i> , 2018, 12, 1498-1512.	2.1	32
781	Dysregulation of NRF2 in Cancer: from Molecular Mechanisms to Therapeutic Opportunities. <i>Biomolecules and Therapeutics</i> , 2018, 26, 57-68.	1.1	67
782	Changes in Glutathione Redox Potential Are Linked to A β 242-Induced Neurotoxicity. <i>Cell Reports</i> , 2018, 24, 1696-1703.	2.9	18
783	Toxicity mechanism-based prodrugs: glutathione-dependent bioactivation as a strategy for anticancer prodrug design. <i>Expert Opinion on Drug Discovery</i> , 2018, 13, 815-824.	2.5	12

#	ARTICLE	IF	CITATIONS
784	Antiglioma via regulating oxidative stress and remodeling tumor-associated macrophage using lactoferrin-mediated biomimetic codelivery of simvastatin/fenretinide. <i>Journal of Controlled Release</i> , 2018, 287, 12-23.	4.8	49
785	Carcinogenesis as a Result of Multiple Inflammatory and Oxidative Hits: a Comprehensive Review from Tumor Microenvironment to Gut Microbiota. <i>Neoplasia</i> , 2018, 20, 721-733.	2.3	65
786	Catalpol inhibits migration and induces apoptosis in gastric cancer cells and in athymic nude mice. <i>Biomedicine and Pharmacotherapy</i> , 2018, 103, 1708-1719.	2.5	38
787	Sulforaphane potentiates anticancer effects of doxorubicin and attenuates its cardiotoxicity in a breast cancer model. <i>PLoS ONE</i> , 2018, 13, e0193918.	1.1	65
788	Shelterin differentially respond to oxidative stress induced by TiO ₂ -NPs and regulate telomere length in human hepatocytes and hepatocarcinoma cells in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2018, 503, 697-702.	1.0	11
789	Canonical and non-canonical mechanisms of Nrf2 activation. <i>Pharmacological Research</i> , 2018, 134, 92-99.	3.1	252
790	Heat-induced protein oxidation of soybean meal impairs growth performance and antioxidant status of broilers. <i>Poultry Science</i> , 2019, 98, 276-286.	1.5	16
791	The Role of Nrf2 in the Antioxidant Cellular Response to Medical Ozone Exposure. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4009.	1.8	76
792	Therapeutic effects of curcumin on sepsis and mechanisms of action: A systematic review of preclinical studies. <i>Phytotherapy Research</i> , 2019, 33, 2798-2820.	2.8	30
793	Synergy between arsenic trioxide and JQ1 on autophagy in pancreatic cancer. <i>Oncogene</i> , 2019, 38, 7249-7265.	2.6	20
794	Activators and Inhibitors of NRF2: A Review of Their Potential for Clinical Development. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-20.	1.9	390
795	Cysteine-based regulation of redox-sensitive Ras small GTPases. <i>Redox Biology</i> , 2019, 26, 101282.	3.9	36
796	Melanoma Metabolism. , 2019, , 99-122.		0
797	The Oncogenic Action of NRF2 Depends on De-glycation by Fructosamine-3-Kinase. <i>Cell</i> , 2019, 178, 807-819.e21.	13.5	96
798	The synergistic effects of oxaliplatin and piperlongumine on colorectal cancer are mediated by oxidative stress. <i>Cell Death and Disease</i> , 2019, 10, 600.	2.7	55
799	Radio-selective effects of a natural occurring muscle-derived dipeptide in A549 and normal cell lines. <i>Scientific Reports</i> , 2019, 9, 11513.	1.6	3
800	Drp1 Promotes KRas-Driven Metabolic Changes to Drive Pancreatic Tumor Growth. <i>Cell Reports</i> , 2019, 28, 1845-1859.e5.	2.9	93
801	Co-occurring genomic alterations in non-small-cell lung cancer biology and therapy. <i>Nature Reviews Cancer</i> , 2019, 19, 495-509.	12.8	573

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802	Antioxidant Defenses: A Context-Specific Vulnerability of Cancer Cells. <i>Cancers</i> , 2019, 11, 1208.	1.7	29
803	LATS1/2 suppress NF κ B and aberrant EMT initiation to permit pancreatic progenitor differentiation. <i>PLoS Biology</i> , 2019, 17, e3000382.	2.6	21
804	Identification of Withaferin A as a Potential Candidate for Anti-Cancer Therapy in Non-Small Cell Lung Cancer. <i>Cancers</i> , 2019, 11, 1003.	1.7	43
805	Metabolic Regulation of Redox Balance in Cancer. <i>Cancers</i> , 2019, 11, 955.	1.7	80
806	Retinoic acid downregulates thiol antioxidant defences and homologous recombination while promotes A549 cells sensitization to cisplatin. <i>Cellular Signalling</i> , 2019, 62, 109356.	1.7	7
807	VISAGE Reveals a Targetable Mitotic Spindle Vulnerability in Cancer Cells. <i>Cell Systems</i> , 2019, 9, 74-92.e8.	2.9	24
808	New developments in pharmacotherapy for Friedreich ataxia. <i>Expert Opinion on Pharmacotherapy</i> , 2019, 20, 1855-1867.	0.9	34
809	Evolution Shapes the Gene Expression Response to Oxidative Stress. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3040.	1.8	43
810	Oncogenic KRAS Induces NIX-Mediated Mitophagy to Promote Pancreatic Cancer. <i>Cancer Discovery</i> , 2019, 9, 1268-1287.	7.7	119
811	FAM129B, an antioxidative protein, reduces chemosensitivity by competing with Nrf2 for Keap1 binding. <i>EBioMedicine</i> , 2019, 45, 25-38.	2.7	34
812	BACH1 Stabilization by Antioxidants Stimulates Lung Cancer Metastasis. <i>Cell</i> , 2019, 178, 330-345.e22.	13.5	352
815	NFE2L3 Controls Colon Cancer Cell Growth through Regulation of DUX4, a CDK1 Inhibitor. <i>Cell Reports</i> , 2019, 29, 1469-1481.e9.	2.9	62
816	NRF1 and NRF2 mRNA and Protein Expression Decrease Early during Melanoma Carcinogenesis: An Insight into Survival and MicroRNAs. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	1.9	16
817	The Role of Nrf2 Activity in Cancer Development and Progression. <i>Cancers</i> , 2019, 11, 1755.	1.7	172
818	The Yin-Yang Regulation of Reactive Oxygen Species and MicroRNAs in Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5335.	1.8	47
819	Neuroprotection of Indole-Derivative Compound NC001-8 by the Regulation of the NRF2 Pathway in Parkinson's Disease Cell Models. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	1.9	16
820	MicroRNA-421 confers paclitaxel resistance by binding to the KEAP1 3'UTR and predicts poor survival in non-small cell lung cancer. <i>Cell Death and Disease</i> , 2019, 10, 821.	2.7	56
821	Emerging Perspective: Role of Increased ROS and Redox Imbalance in Skin Carcinogenesis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	66

#	ARTICLE	IF	CITATIONS
822	Tolerability and Safety of a Nutritional Supplement with Potential as Adjuvant in Colorectal Cancer Therapy: A Randomized Trial in Healthy Volunteers. <i>Nutrients</i> , 2019, 11, 2001.	1.7	13
823	Activity-based ratiometric FRET probe reveals oncogene-driven changes in labile copper pools induced by altered glutathione metabolism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18285-18294.	3.3	94
824	Astilbin reduces ROS accumulation and VEGF expression through Nrf2 in psoriasis-like skin disease. <i>Biological Research</i> , 2019, 52, 49.	1.5	28
825	Loss of Scribble confers cisplatin resistance during NSCLC chemotherapy via Nox2/ROS and Nrf2/PD-L1 signaling. <i>EBioMedicine</i> , 2019, 47, 65-77.	2.7	36
826	NRF2 SUMOylation promotes de novo serine synthesis and maintains HCC tumorigenesis. <i>Cancer Letters</i> , 2019, 466, 39-48.	3.2	37
827	Piperlongumine, a Novel TrxR1 Inhibitor, Induces Apoptosis in Hepatocellular Carcinoma Cells by ROS-Mediated ER Stress. <i>Frontiers in Pharmacology</i> , 2019, 10, 1180.	1.6	54
828	Dual roles and therapeutic potential of Keap1-Nrf2 pathway in pancreatic cancer: a systematic review. <i>Cell Communication and Signaling</i> , 2019, 17, 121.	2.7	68
829	Targeting Reactive Oxygen Species in Cancer via Chinese Herbal Medicine. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-23.	1.9	45
830	Distinct initiating events underpin the immune and metabolic heterogeneity of KRAS-mutant lung adenocarcinoma. <i>Nature Communications</i> , 2019, 10, 4190.	5.8	73
831	Bioactivation of Napabucasin Triggers Reactive Oxygen Species-Mediated Cancer Cell Death. <i>Clinical Cancer Research</i> , 2019, 25, 7162-7174.	3.2	46
832	The Potential of Neoagaro-Oligosaccharides as a Treatment of Type II Diabetes in Mice. <i>Marine Drugs</i> , 2019, 17, 541.	2.2	26
833	Effect of Hepatitis Viruses on the Nrf2/Keap1-Signaling Pathway and Its Impact on Viral Replication and Pathogenesis. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4659.	1.8	33
834	Sulforaphane-Induced Klf9/Prdx6 Axis Acts as a Molecular Switch to Control Redox Signaling and Determines Fate of Cells. <i>Cells</i> , 2019, 8, 1159.	1.8	37
835	Decoupling of Nrf2 Expression Promotes Mesenchymal State Maintenance in Non-Small Cell Lung Cancer. <i>Cancers</i> , 2019, 11, 1488.	1.7	7
836	“NRF2 addiction” in lung cancer cells and its impact on cancer therapy. <i>Cancer Letters</i> , 2019, 467, 40-49.	3.2	55
837	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
838	KLF9-dependent ROS regulate melanoma progression in stage-specific manner. <i>Oncogene</i> , 2019, 38, 3585-3597.	2.6	49
839	The oncoprotein HBXIP competitively binds KEAP1 to activate NRF2 and enhance breast cancer cell growth and metastasis. <i>Oncogene</i> , 2019, 38, 4028-4046.	2.6	36

#	ARTICLE	IF	CITATIONS
840	Mechanisms of NRF2 activation to mediate fetal hemoglobin induction and protection against oxidative stress in sickle cell disease. <i>Experimental Biology and Medicine</i> , 2019, 244, 171-182.	1.1	13
841	Another look at phenolic compounds in cancer therapy the effect of polyphenols on ubiquitin-proteasome system. <i>European Journal of Medicinal Chemistry</i> , 2019, 167, 291-311.	2.6	16
842	Autophagy in liver diseases: Time for translation?. <i>Journal of Hepatology</i> , 2019, 70, 985-998.	1.8	252
843	Cell-specific regulation of Nrf2 during ROS-Dependent cell death caused by 2,3,5-tris(glutathion-S-yl)hydroquinone (TGHQ). <i>Chemico-Biological Interactions</i> , 2019, 302, 1-10.	1.7	10
844	A dynamic and integrated epigenetic program at distal regions orchestrates transcriptional responses to VEGFA. <i>Genome Research</i> , 2019, 29, 193-207.	2.4	13
845	<i>L</i>-Carnitine Mediated Tumor Cell Protection and Poor Patient Survival Associated with OCTN2 Overexpression in Glioblastoma Multiforme. <i>Clinical Cancer Research</i> , 2019, 25, 2874-2886.	3.2	35
846	Targeted OMA1 therapies for cancer. <i>International Journal of Cancer</i> , 2019, 145, 2330-2341.	2.3	26
847	Effect of the Nrf2 ARE signaling pathway on biological characteristics and sensitivity to sunitinib in renal cell carcinoma. <i>Oncology Letters</i> , 2019, 17, 5175-5186.	0.8	11
848	Biological Effects of EF24, a Curcumin Derivative, Alone or Combined with Mitotane in Adrenocortical Tumor Cell Lines. <i>Molecules</i> , 2019, 24, 2202.	1.7	22
849	Sulfur metabolism and its contribution to malignancy. <i>International Review of Cell and Molecular Biology</i> , 2019, 347, 39-103.	1.6	40
850	Enzyme-mediated depletion of l-cyst(e)ine synergizes with thioredoxin reductase inhibition for suppression of pancreatic tumor growth. <i>Npj Precision Oncology</i> , 2019, 3, 16.	2.3	28
851	Cancer Stem Cells and Radioresistance: DNA Repair and Beyond. <i>Cancers</i> , 2019, 11, 862.	1.7	196
852	Inflammatory and Senescent Phenotype of Pancreatic Stellate Cells Induced by Sqstm1 Downregulation Facilitates Pancreatic Cancer Progression. <i>International Journal of Biological Sciences</i> , 2019, 15, 1020-1029.	2.6	16
853	GSH Synthetic Analogue O-Methyl-L-Tyrosinylglutathione Regulates Nrf2-Mediated Expression of GCLc and GCLm. <i>Journal of Chemistry</i> , 2019, 2019, 1-8.	0.9	5
854	Preclinical Evaluation of 1,2-Diamino-4,5-Dibromobenzene in Genetically Engineered Mouse Models of Pancreatic Cancer. <i>Cells</i> , 2019, 8, 563.	1.8	5
855	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
856	Mitohormesis Primes Tumor Invasion and Metastasis. <i>Cell Reports</i> , 2019, 27, 2292-2303.e6.	2.9	69
857	Hexavalent chromium-induced toxic effects on the antioxidant levels, histopathological alterations and expression of Nrf2 and MT2 genes in the branchial tissue of <i>Ctenopharyngodon idellus</i> . <i>Chemosphere</i> , 2019, 230, 144-156.	4.2	28

#	ARTICLE	IF	CITATIONS
858	Potential Applications of NRF2 Inhibitors in Cancer Therapy. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-34.	1.9	137
859	Inhibition of SGK1 confers vulnerability to redox dysregulation in cervical cancer. <i>Redox Biology</i> , 2019, 24, 101225.	3.9	23
860	TrxR1, Gsr, and oxidative stress determine hepatocellular carcinoma malignancy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11408-11417.	3.3	54
861	The Fire within: Cell-Autonomous Mechanisms in Inflammation-Driven Cancer. <i>Cancer Cell</i> , 2019, 35, 714-720.	7.7	52
862	Three novel genetic variants in NRF2 signaling pathway genes are associated with pancreatic cancer risk. <i>Cancer Science</i> , 2019, 110, 2022-2032.	1.7	14
863	Mito-Nuclear Communication in Hepatocellular Carcinoma Metabolic Rewiring. <i>Cells</i> , 2019, 8, 417.	1.8	26
864	The Diverse Functions of Non-Essential Amino Acids in Cancer. <i>Cancers</i> , 2019, 11, 675.	1.7	119
865	Cystine/glutamate antiporter xCT (SLC7A11) facilitates oncogenic RAS transformation by preserving intracellular redox balance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9433-9442.	3.3	202
866	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
867	Identification of a Clinically Relevant Signature for Early Progression in KRAS-Driven Lung Adenocarcinoma. <i>Cancers</i> , 2019, 11, 600.	1.7	5
868	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
869	Pharmacological Applications of Nrf2 Inhibitors as Potential Antineoplastic Drugs. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2025.	1.8	49
870	Hepatoprotective effects of an <i>Acer tegmentosum</i> Maxim extract through antioxidant activity and the regulation of autophagy. <i>Journal of Ethnopharmacology</i> , 2019, 239, 111912.	2.0	15
871	UHRF1 promotes aerobic glycolysis and proliferation via suppression of SIRT4 in pancreatic cancer. <i>Cancer Letters</i> , 2019, 452, 226-236.	3.2	99
872	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
873	Promotion of HeLa cells apoptosis by cynaropicrin involving inhibition of thioredoxin reductase and induction of oxidative stress. <i>Free Radical Biology and Medicine</i> , 2019, 135, 216-226.	1.3	55
874	Propofol Alleviates DNA Damage Induced by Oxygen Glucose Deprivation and Reperfusion via FoxO1 Nuclear Translocation in H9c2 Cells. <i>Frontiers in Physiology</i> , 2019, 10, 223.	1.3	11
875	The potential of breath analysis to improve outcome for patients with lung cancer. <i>Journal of Breath Research</i> , 2019, 13, 034002.	1.5	31

#	ARTICLE	IF	CITATIONS
876	Nrf2 promotes breast cancer cell migration via up-regulation of G6PD/HIF1 α /Notch1 axis. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 3451-3463.	1.6	132
877	Obesogenic high-fat diet heightens aerobic glycolysis through hyperactivation of oncogenic KRAS. <i>Cell Communication and Signaling</i> , 2019, 17, 19.	2.7	19
879	Pro- and antitumor effects of mitochondrial reactive oxygen species. <i>Cancer and Metastasis Reviews</i> , 2019, 38, 189-203.	2.7	31
880	Reactive oxygen species and cancer: A complex interaction. <i>Cancer Letters</i> , 2019, 452, 132-143.	3.2	154
881	Dietary phytochemicals with anti-oxidant and pro-oxidant activities: A double-edged sword in relation to adjuvant chemotherapy and radiotherapy?. <i>Cancer Letters</i> , 2019, 452, 168-177.	3.2	61
882	Mitochondrial Retrograde Signalling and Metabolic Alterations in the Tumour Microenvironment. <i>Cells</i> , 2019, 8, 275.	1.8	44
883	The NRF2 transcriptional target NQO1 has low mRNA levels in TP53-mutated endometrial carcinomas. <i>PLoS ONE</i> , 2019, 14, e0214416.	1.1	10
884	Camptothecin induces c-Myc- and Sp1-mediated hTERT expression in LNCaP cells: Involvement of reactive oxygen species and PI3K/Akt. <i>Food and Chemical Toxicology</i> , 2019, 127, 53-60.	1.8	9
885	ROS and Oxidative Stress Are Elevated in Mitosis during Asynchronous Cell Cycle Progression and Are Exacerbated by Mitotic Arrest. <i>Cell Systems</i> , 2019, 8, 163-167.e2.	2.9	92
886	Nrf2-miR-129-3p-mTOR Axis Controls an miRNA Regulatory Network Involved in HDACi-Induced Autophagy. <i>Molecular Therapy</i> , 2019, 27, 1039-1050.	3.7	39
887	Metabolic regulation of cell growth and proliferation. <i>Nature Reviews Molecular Cell Biology</i> , 2019, 20, 436-450.	16.1	577
888	Nrf2 in cancers: A double-edged sword. <i>Cancer Medicine</i> , 2019, 8, 2252-2267.	1.3	289
889	Deubiquitinases Maintain Protein Homeostasis and Survival of Cancer Cells upon Glutathione Depletion. <i>Cell Metabolism</i> , 2019, 29, 1166-1181.e6.	7.2	121
890	Cancer cells change their glucose metabolism to overcome increased ROS: One step from cancer cell to cancer stem cell?. <i>Biomedicine and Pharmacotherapy</i> , 2019, 112, 108690.	2.5	120
891	The Emerging Role of Estrogens in Thyroid Redox Homeostasis and Carcinogenesis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	22
892	Hypoxia-Activated PI3K/Akt Inhibits Oxidative Stress via the Regulation of Reactive Oxygen Species in Human Dental Pulp Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10.	1.9	33
893	Mechanism of bioactive polysaccharide from <i>Lachnum</i> sp. acts synergistically with 5-fluorouracil against human hepatocellular carcinoma. <i>Journal of Cellular Physiology</i> , 2019, 234, 15548-15562.	2.0	14
894	Peroxiredoxins and Beyond; Redox Systems Regulating Lung Physiology and Disease. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 1070-1091.	2.5	24

#	ARTICLE	IF	CITATIONS
895	The second genome: Effects of the mitochondrial genome on cancer progression. <i>Advances in Cancer Research</i> , 2019, 142, 63-105.	1.9	19
896	Nrf2/ARE Pathway Modulation by Dietary Energy Regulation in Neurological Disorders. <i>Frontiers in Pharmacology</i> , 2019, 10, 33.	1.6	67
897	Dimethyl fumarate, a two-edged drug: Current status and future directions. <i>Medicinal Research Reviews</i> , 2019, 39, 1923-1952.	5.0	98
898	ER stress sensor, glucose regulatory protein 78 (GRP78) regulates redox status in pancreatic cancer thereby maintaining homeostasis. <i>Cell Death and Disease</i> , 2019, 10, 132.	2.7	75
899	NRF2 Activation in Cancer: From DNA to Protein. <i>Cancer Research</i> , 2019, 79, 889-898.	0.4	140
900	p53 as a hub in cellular redox regulation and therapeutic target in cancer. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 330-341.	1.5	71
901	Pancreatic cancer resistance to chemotherapy. , 2019, , 171-194.		1
902	Spotlight on ROS and β -Adrenoreceptors Fighting in Cancer Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-15.	1.9	11
903	Class I HDAC inhibitors enhance YB acetylation and oxidative stress to block sarcoma metastasis. <i>EMBO Reports</i> , 2019, 20, e48375.	2.0	78
904	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
905	DPP4 Inhibitor Attenuates Severe Acute Pancreatitis-Associated Intestinal Inflammation via Nrf2 Signaling. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	26
906	The impact of oncogenic RAS on redox balance and implications for cancer development. <i>Cell Death and Disease</i> , 2019, 10, 955.	2.7	64
907	Characterization of cancer omics and drug perturbations in panels of lung cancer cells. <i>Scientific Reports</i> , 2019, 9, 19529.	1.6	13
908	Antioxidants as a Double-Edged Sword in the Treatment of Cancer. , 0, , .		18
909	Pin1 Plays Essential Roles in NASH Development by Modulating Multiple Target Proteins. <i>Cells</i> , 2019, 8, 1545.	1.8	12
910	Emerging Therapeutic Targets in Oncologic Photodynamic Therapy. <i>Current Pharmaceutical Design</i> , 2019, 24, 5268-5295.	0.9	15
911	Reactive metabolite production is a targetable liability of glycolytic metabolism in lung cancer. <i>Nature Communications</i> , 2019, 10, 5604.	5.8	45
912	β -Caryophyllene: A Sesquiterpene with Countless Biological Properties. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5420.	1.3	139

#	ARTICLE	IF	CITATIONS
913	Psychological Stress and Cellular Aging in Cancer: A Meta-Analysis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-23.	1.9	71
914	microRNAs Tune Oxidative Stress in Cancer Therapeutic Tolerance and Resistance. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6094.	1.8	20
915	Reactive Oxygen Species and Nrf2: Functional and Transcriptional Regulators of Hematopoiesis. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-11.	1.9	36
916	Inactivated Sendai virus strain Tianjin induces apoptosis and autophagy through reactive oxygen species production in osteosarcoma MG63 cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 4179-4190.	2.0	10
917	Paeonol attenuates ligation-induced periodontitis in rats by inhibiting osteoclastogenesis via regulating Nrf2/NF- κ B/NFATc1 signaling pathway. <i>Biochimie</i> , 2019, 156, 129-137.	1.3	44
918	<sc>NSC</sc>34 motor neuron-like cells are sensitized to ferroptosis upon differentiation. <i>FEBS Open Bio</i> , 2019, 9, 582-593.	1.0	18
919	GPx3 supports ovarian cancer progression by manipulating the extracellular redox environment. <i>Redox Biology</i> , 2019, 25, 101051.	3.9	41
920	Targeting the cell signaling pathway Keap1-Nrf2 as a therapeutic strategy for adenocarcinomas of the lung. <i>Expert Opinion on Therapeutic Targets</i> , 2019, 23, 241-250.	1.5	13
921	Inhibitor of Differentiation-1 Sustains Mutant <i>KRAS</i> -Driven Progression, Maintenance, and Metastasis of Lung Adenocarcinoma via Regulation of a FOSL1 Network. <i>Cancer Research</i> , 2019, 79, 625-638.	0.4	19
922	Therapeutic targeting of the NRF2 and KEAP1 partnership in chronic diseases. <i>Nature Reviews Drug Discovery</i> , 2019, 18, 295-317.	21.5	849
923	Expression Levels of microRNAs miR-93 and miR-200a in Pancreatic Adenocarcinoma with Special Reference to Differentiation and Relapse-Free Survival. <i>Oncology</i> , 2019, 96, 164-170.	0.9	15
924	The Anti-Inflammatory and Anti-Oxidant Mechanisms of the Keap1/Nrf2/ARE Signaling Pathway in Chronic Diseases. , 2019, 10, 637.		405
925	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
926	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
927	Cyclin B1/CDK1-regulated mitochondrial bioenergetics in cell cycle progression and tumor resistance. <i>Cancer Letters</i> , 2019, 443, 56-66.	3.2	107
928	Cellular Senescence: Aging, Cancer, and Injury. <i>Physiological Reviews</i> , 2019, 99, 1047-1078.	13.1	641
929	Redox biology of regulated cell death in cancer: A focus on necroptosis and ferroptosis. <i>Free Radical Biology and Medicine</i> , 2019, 134, 177-189.	1.3	95
930	Lipoxidation and cancer immunity. <i>Redox Biology</i> , 2019, 23, 101103.	3.9	17

#	ARTICLE	IF	CITATIONS
931	Manipulation of Glucose and Hydroperoxide Metabolism to Improve Radiation Response. <i>Seminars in Radiation Oncology</i> , 2019, 29, 33-41.	1.0	26
932	Vitamin D Protects Against Alcohol-Induced Liver Cell Injury Within an NRF2-ALDH2 Feedback Loop. <i>Molecular Nutrition and Food Research</i> , 2019, 63, 1801014.	1.5	20
933	gRASping the redox lever to modulate cancer cell fate signaling. <i>Redox Biology</i> , 2019, 25, 101094.	3.9	3
934	PIN1 Maintains Redox Balance via the c-Myc/NRF2 Axis to Counteract Kras-Induced Mitochondrial Respiratory Injury in Pancreatic Cancer Cells. <i>Cancer Research</i> , 2019, 79, 133-145.	0.4	46
935	Oxidative stress and antioxidants in the pathophysiology of malignant melanoma. <i>Biological Chemistry</i> , 2019, 400, 589-612.	1.2	76
936	The Hallmarks of Ferroptosis. <i>Annual Review of Cancer Biology</i> , 2019, 3, 35-54.	2.3	370
937	Measurement of Reactive Oxygen Species by Fluorescent Probes in Pancreatic Cancer Cells. <i>Methods in Molecular Biology</i> , 2019, 1882, 207-219.	0.4	3
938	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
939	LION LBD: a literature-based discovery system for cancer biology. <i>Bioinformatics</i> , 2019, 35, 1553-1561.	1.8	47
940	Cordycepin sensitizes breast cancer cells toward irradiation through elevating ROS production involving Nrf2. <i>Toxicology and Applied Pharmacology</i> , 2019, 364, 12-21.	1.3	38
941	Adaptive responses to low doses of radiation or chemicals: their cellular and molecular mechanisms. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1255-1273.	2.4	77
942	Effects of JUN and NFE2L2 knockdown on oxidative status and NFE2L2/AP-1 targets expression in HeLa cells in basal conditions and upon sub-lethal hydrogen peroxide treatment. <i>Molecular Biology Reports</i> , 2019, 46, 27-39.	1.0	5
943	p62/SQSTM1: \hat{c} Jack of all trades \hat{c} in health and cancer. <i>FEBS Journal</i> , 2019, 286, 8-23.	2.2	189
944	NRF2 through RPS6 Activation Is Related to Anti-HER2 Drug Resistance in <i>HER2</i> -Amplified Gastric Cancer. <i>Clinical Cancer Research</i> , 2019, 25, 1639-1649.	3.2	47
945	Are polyphenol antioxidants at the root of medicinal plant anti-cancer success?. <i>Journal of Ethnopharmacology</i> , 2019, 229, 54-72.	2.0	79
947	NF- \hat{c} B and mitochondria cross paths in cancer: mitochondrial metabolism and beyond. <i>Seminars in Cell and Developmental Biology</i> , 2020, 98, 118-128.	2.3	40
948	Mitochondria as playmakers of apoptosis, autophagy and senescence. <i>Seminars in Cell and Developmental Biology</i> , 2020, 98, 139-153.	2.3	305
949	Translatable gene therapy for lung cancer using Crispr CAS9 \hat{c} an exploratory review. <i>Cancer Gene Therapy</i> , 2020, 27, 116-124.	2.2	20

#	ARTICLE	IF	CITATIONS
950	Loss of Xanthine Oxidoreductase Potentiates Propagation of Hepatocellular Carcinoma Stem Cells. <i>Hepatology</i> , 2020, 71, 2033-2049.	3.6	22
951	NO [•] /RUNX3/kynurenine metabolic signaling enhances disease aggressiveness in pancreatic cancer. <i>International Journal of Cancer</i> , 2020, 146, 3160-3169.	2.3	24
952	Redox Systems Biology: Harnessing the Sentinels of the Cysteine Redoxome. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 659-676.	2.5	54
953	A trans-fatty acid-rich diet promotes liver tumorigenesis in HCV core gene transgenic mice. <i>Carcinogenesis</i> , 2020, 41, 159-170.	1.3	13
954	Cullin 3 overexpression inhibits lung cancer metastasis and is associated with survival of lung adenocarcinoma. <i>Clinical and Experimental Metastasis</i> , 2020, 37, 115-124.	1.7	5
955	Reactive oxygen species and cancer. , 2020, , 619-637.		5
956	Dual-protective nano-sunscreen enables high-efficient elimination of the self-derived hazards. <i>Applied Materials Today</i> , 2020, 18, 100493.	2.3	8
957	Nrf2: Redox and Metabolic Regulator of Stem Cell State and Function. <i>Trends in Molecular Medicine</i> , 2020, 26, 185-200.	3.5	137
958	RPB5 Mediating Protein Promotes Cholangiocarcinoma Tumorigenesis and Drug Resistance by Competing With NRF2 for KEAP1 Binding. <i>Hepatology</i> , 2020, 71, 2005-2022.	3.6	18
959	Molecular Determinants of Cancer Therapy Resistance to HDAC Inhibitor-Induced Autophagy. <i>Cancers</i> , 2020, 12, 109.	1.7	26
960	Regulation of the 20S Proteasome by a Novel Family of Inhibitory Proteins. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 636-655.	2.5	21
961	The Tricarboxylic Acid Cycle at the Crossroad Between Cancer and Immunity. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 834-852.	2.5	40
962	NADPH: Quinone oxidoreductase 1 (NQO1) mediated anti-cancer effects of plumbagin in endocrine resistant MCF7 breast cancer cells. <i>Phytomedicine</i> , 2020, 66, 153133.	2.3	13
963	ROS and diseases: role in metabolism and energy supply. <i>Molecular and Cellular Biochemistry</i> , 2020, 467, 1-12.	1.4	314
964	Metabolic heterogeneity confers differences in melanoma metastatic potential. <i>Nature</i> , 2020, 577, 115-120.	13.7	298
965	Oncogenic pathways and the electron transport chain: a dangerROS liaison. <i>British Journal of Cancer</i> , 2020, 122, 168-181.	2.9	99
966	HEATR1 deficiency promotes pancreatic cancer proliferation and gemcitabine resistance by up-regulating Nrf2 signaling. <i>Redox Biology</i> , 2020, 29, 101390.	3.9	24
967	Activation of Oxidative Stress Response in Cancer Generates a Druggable Dependency on Exogenous Non-essential Amino Acids. <i>Cell Metabolism</i> , 2020, 31, 339-350.e4.	7.2	103

#	ARTICLE	IF	CITATIONS
968	Targeting extracellular nutrient dependencies of cancer cells. <i>Molecular Metabolism</i> , 2020, 33, 67-82.	3.0	50
969	The ROS-KRAS-Nrf2 axis in the control of the redox homeostasis and the intersection with survival-apoptosis pathways: Implications for photodynamic therapy. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2020, 202, 111672.	1.7	35
970	Targeting the Metabolic Response to Statin-Mediated Oxidative Stress Produces a Synergistic Antitumor Response. <i>Cancer Research</i> , 2020, 80, 175-188.	0.4	83
971	Metastasis in Pancreatic Ductal Adenocarcinoma: Current Standing and Methodologies. <i>Genes</i> , 2020, 11, 6.	1.0	31
972	Transcription factor NRF2 uses the Hippo pathway effector TAZ to induce tumorigenesis in glioblastomas. <i>Redox Biology</i> , 2020, 30, 101425.	3.9	26
973	The Metabolic Heterogeneity and Flexibility of Cancer Stem Cells. <i>Cancers</i> , 2020, 12, 2780.	1.7	33
974	High NRF2 Levels Correlate with Poor Prognosis in Colorectal Cancer Patients and with Sensitivity to the Kinase Inhibitor AT9283 In Vitro. <i>Biomolecules</i> , 2020, 10, 1365.	1.8	22
975	Non-genetic mechanisms of therapeutic resistance in cancer. <i>Nature Reviews Cancer</i> , 2020, 20, 743-756.	12.8	290
976	Understanding the Biological Activities of Vitamin D in Type 1 Neurofibromatosis: New Insights into Disease Pathogenesis and Therapeutic Design. <i>Cancers</i> , 2020, 12, 2965.	1.7	12
977	Cancer Metabolism: Phenotype, Signaling and Therapeutic Targets. <i>Cells</i> , 2020, 9, 2308.	1.8	211
978	Paradoxical Role of AT-rich Interactive Domain 1A in Restraining Pancreatic Carcinogenesis. <i>Cancers</i> , 2020, 12, 2695.	1.7	12
979	An Integrative Gene Expression and Mathematical Flux Balance Analysis Identifies Targetable Redox Vulnerabilities in Melanoma Cells. <i>Cancer Research</i> , 2020, 80, 4565-4577.	0.4	6
980	Adaptive redox homeostasis in cutaneous melanoma. <i>Redox Biology</i> , 2020, 37, 101753.	3.9	37
981	Regulation of Nrf2/ARE Pathway by Dietary Flavonoids: A Friend or Foe for Cancer Management?. <i>Antioxidants</i> , 2020, 9, 973.	2.2	92
982	Dissecting the Crosstalk between NRF2 Signaling and Metabolic Processes in Cancer. <i>Cancers</i> , 2020, 12, 3023.	1.7	43
983	Multiple-Purpose Connectivity Map Analysis Reveals the Benefits of Esculetin to Hyperuricemia and Renal Fibrosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7695.	1.8	10
985	Role of nitric oxide in the response to photooxidative stress in prostate cancer cells. <i>Biochemical Pharmacology</i> , 2020, 182, 114205.	2.0	8
986	Glucose-6-Phosphate Dehydrogenase Is Not Essential for K-Ras ^{WT} -Driven Tumor Growth or Metastasis. <i>Cancer Research</i> , 2020, 80, 3820-3829.	0.4	33

#	ARTICLE	IF	CITATIONS
987	Ferroptosis in Liver Diseases: An Overview. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4908.	1.8	187
988	The role of Nrf2 in acute kidney injury: Novel molecular mechanisms and therapeutic approaches. <i>Free Radical Biology and Medicine</i> , 2020, 158, 1-12.	1.3	45
989	Design and synthesis of benzylidenecyclohexenones as TrxR inhibitors displaying high anticancer activity and inducing ROS, apoptosis, and autophagy. <i>European Journal of Medicinal Chemistry</i> , 2020, 204, 112610.	2.6	19
990	Adaptive phenotypic switching in breast cancer in response to matrix deprivation. , 2020, , 651-676.		1
991	Codelivery of CRISPR-Cas9 and chlorin e6 for spatially controlled tumor-specific gene editing with synergistic drug effects. <i>Science Advances</i> , 2020, 6, eabb4005.	4.7	106
992	Bilirubin nanomedicine alleviates psoriatic skin inflammation by reducing oxidative stress and suppressing pathogenic signaling. <i>Journal of Controlled Release</i> , 2020, 325, 359-369.	4.8	44
993	Emerging BRAF Mutations in Cancer Progression and Their Possible Effects on Transcriptional Networks. <i>Genes</i> , 2020, 11, 1342.	1.0	58
995	DNA damage induced by KP372-1 hyperactivates PARP1 and enhances lethality of pancreatic cancer cells with PARP inhibition. <i>Scientific Reports</i> , 2020, 10, 20210.	1.6	10
996	NRF2 in Cardiovascular Diseases: a Ray of Hope!. <i>Journal of Cardiovascular Translational Research</i> , 2021, 14, 573-586.	1.1	54
997	Role of the KEAP1-NRF2 Axis in Renal Cell Carcinoma. <i>Cancers</i> , 2020, 12, 3458.	1.7	17
998	NRF2 level is negatively correlated with TGF- β 1-induced lung cancer motility and migration via NOX4-ROS signaling. <i>Archives of Pharmacal Research</i> , 2020, 43, 1297-1310.	2.7	20
999	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
1000	LncRNA MALAT1 Regulates miR-144-3p to Facilitate Epithelial-Mesenchymal Transition of Lens Epithelial Cells via the ROS/NRF2/Notch1/Snail Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-23.	1.9	34
1001	NRF2 and the Ambiguous Consequences of Its Activation during Initiation and the Subsequent Stages of Tumorigenesis. <i>Cancers</i> , 2020, 12, 3609.	1.7	44
1002	Human pancreatic cancer cells under nutrient deprivation are vulnerable to redox system inhibition. <i>Journal of Biological Chemistry</i> , 2020, 295, 16678-16690.	1.6	10
1003	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
1004	Polyamine pathway activity promotes cysteine essentiality in cancer cells. <i>Nature Metabolism</i> , 2020, 2, 1062-1076.	5.1	35
1005	13-Acetoxyarsocrossolide Exhibits Cytotoxic Activity against Oral Cancer Cells through the Interruption of the Keap1/Nrf2/p62/SQSTM1 Pathway: The Need to Move Beyond Classical Concepts. <i>Marine Drugs</i> , 2020, 18, 382.	2.2	23

#	ARTICLE	IF	CITATIONS
1006	Antioxidants with two faces toward cancer. <i>Life Sciences</i> , 2020, 258, 118186.	2.0	31
1007	Novel Therapeutic Approaches of Ion Channels and Transporters in Cancer. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2020, , 1.	0.9	6
1008	Extracellular Glutathione Peroxidase GPx3 and Its Role in Cancer. <i>Cancers</i> , 2020, 12, 2197.	1.7	105
1009	Perspectives on the Clinical Development of NRF2-Targeting Drugs. <i>Handbook of Experimental Pharmacology</i> , 2020, 264, 93-141.	0.9	14
1010	Targeting Tumor Metabolism to Overcome Radioresistance. <i>Cancer Drug Discovery and Development</i> , 2020, , 219-263.	0.2	2
1011	ROS networks: designs, aging, Parkinsonâ€™s disease and precision therapies. <i>Npj Systems Biology and Applications</i> , 2020, 6, 34.	1.4	50
1012	Mitocans Revisited: Mitochondrial Targeting as Efficient Anti-Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7941.	1.8	73
1013	3D Culture Models with CRISPR Screens Reveal Hyperactive NRF2 as a Prerequisite for Spheroid Formation via Regulation of Proliferation and Ferroptosis. <i>Molecular Cell</i> , 2020, 80, 828-844.e6.	4.5	110
1014	NRF2 metagene signature is a novel prognostic biomarker in colorectal cancer. <i>Cancer Genetics</i> , 2020, 248-249, 1-10.	0.2	7
1015	Geldanamycin-Derived HSP90 Inhibitors Are Synthetic Lethal with NRF2. <i>Molecular and Cellular Biology</i> , 2020, 40, .	1.1	24
1016	Emerging role of NRF2 in ROS-mediated tumor chemoresistance. <i>Biomedicine and Pharmacotherapy</i> , 2020, 131, 110676.	2.5	81
1017	Ferroptosis: An emerging approach for targeting cancer stem cells and drug resistance. <i>Critical Reviews in Oncology/Hematology</i> , 2020, 155, 103095.	2.0	73
1018	The transcription factor NRF2 enhances melanoma malignancy by blocking differentiation and inducing COX2 expression. <i>Oncogene</i> , 2020, 39, 6841-6855.	2.6	53
1019	Acute and subchronic toxicity studies of rhein in immature and <sc>d</sc>-galactose-induced aged mice and its potential hepatotoxicity mechanisms. <i>Drug and Chemical Toxicology</i> , 2022, 45, 1119-1130.	1.2	14
1020	Redox Dyshomeostasis Strategy for Hypoxic Tumor Therapy Based on DNAzymeâ€Loaded Electrophilic ZIFs. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 22537-22543.	7.2	141
1021	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
1022	Epigenetic Regulation of NRF2/KEAP1 by Phytochemicals. <i>Antioxidants</i> , 2020, 9, 865.	2.2	56
1023	Redox Dyshomeostasis Strategy for Hypoxic Tumor Therapy Based on DNAzymeâ€Loaded Electrophilic ZIFs. <i>Angewandte Chemie</i> , 2020, 132, 22726-22732.	1.6	24

#	ARTICLE	IF	CITATIONS
1024	Glutathione Peroxidase in Health and Diseases. , 0, , .		32
1026	Tailored Chemodynamic Nanomedicine Improves Pancreatic Cancer Treatment via Controllable Damaging Neoplastic Cells and Reprogramming Tumor Microenvironment. Nano Letters, 2020, 20, 6780-6790.	4.5	47
1027	Cancer metabolism and mitochondria: Finding novel mechanisms to fight tumours. EBioMedicine, 2020, 59, 102943.	2.7	110
1028	Metabolomic and Transcriptomic Analysis of MCF-7 Cells Exposed to 23 Chemicals at Human-Relevant Levels: Estimation of Individual Chemical Contribution to Effects. Environmental Health Perspectives, 2020, 128, 127008.	2.8	33
1029	Metabolic determinants of cellular fitness dependent on mitochondrial reactive oxygen species. Science Advances, 2020, 6, .	4.7	28
1030	Naringin and naringenin as anticancer agents and adjuvants in cancer combination therapy: Efficacy and molecular mechanisms of action, a comprehensive narrative review. Pharmacological Research, 2021, 171, 105264.	3.1	114
1031	Targeting Metabolic Plasticity and Flexibility Dynamics for Cancer Therapy. Cancer Discovery, 2020, 10, 1797-1807.	7.7	137
1032	In Vivo Imaging with Genetically Encoded Redox Biosensors. International Journal of Molecular Sciences, 2020, 21, 8164.	1.8	33
1033	Nicotinamide nucleotide transhydrogenase regulates mitochondrial metabolism in NSCLC through maintenance of Fe-S protein function. Journal of Experimental Medicine, 2020, 217, .	4.2	31
1034	KLF7 promotes pancreatic cancer growth and metastasis by up-regulating ISG expression and maintaining Golgi complex integrity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12341-12351.	3.3	46
1035	A hydrogen peroxide responsive prodrug of Keap1-Nrf2 inhibitor for improving oral absorption and selective activation in inflammatory conditions. Redox Biology, 2020, 34, 101565.	3.9	23
1036	Role of amino acids in regulation of ROS balance in cancer. Archives of Biochemistry and Biophysics, 2020, 689, 108438.	1.4	11
1037	The regulation of intracellular redox homeostasis in cancer progression and its therapy. , 2020, , 105-114.		1
1038	Reactive Oxygen Species and Redox Signaling in Chronic Kidney Disease. Cells, 2020, 9, 1342.	1.8	153
1039	Mitochondria Targeting as an Effective Strategy for Cancer Therapy. International Journal of Molecular Sciences, 2020, 21, 3363.	1.8	131
1040	The role of natural products in revealing NRF2 function. Natural Product Reports, 2020, 37, 797-826.	5.2	71
1041	Piperlongumine induces ROS mediated cell death and synergizes paclitaxel in human intestinal cancer cells. Biomedicine and Pharmacotherapy, 2020, 128, 110243.	2.5	46
1042	The Impact of the Ubiquitin System in the Pathogenesis of Squamous Cell Carcinomas. Cancers, 2020, 12, 1595.	1.7	11

#	ARTICLE	IF	CITATIONS
1043	Limited Environmental Serine and Glycine Confer Brain Metastasis Sensitivity to PHGDH Inhibition. <i>Cancer Discovery</i> , 2020, 10, 1352-1373.	7.7	145
1044	Integrated molecular signaling involving mitochondrial dysfunction and alteration of cell metabolism induced by tyrosine kinase inhibitors in cancer. <i>Redox Biology</i> , 2020, 36, 101510.	3.9	45
1045	ABL1, Overexpressed in Hepatocellular Carcinomas, Regulates Expression of NOTCH1 and Promotes Development of Liver Tumors in Mice. <i>Gastroenterology</i> , 2020, 159, 289-305.e16.	0.6	22
1046	When Oxidative Stress Meets Epigenetics: Implications in Cancer Development. <i>Antioxidants</i> , 2020, 9, 468.	2.2	42
1047	NRF2 and Primary Cilia: An Emerging Partnership. <i>Antioxidants</i> , 2020, 9, 475.	2.2	8
1048	Gain-of-function genetic screen of the kinome reveals BRSK2 as an inhibitor of the NRF2 transcription factor. <i>Journal of Cell Science</i> , 2020, 133, .	1.2	17
1049	Heme oxygenase promotes Bâ€Rafâ€dependent melanosphere formation. <i>Pigment Cell and Melanoma Research</i> , 2020, 33, 850-868.	1.5	8
1050	Catechin Loaded Poly(lactic-co-glycolic acid) Nanoparticles: Characterization, Antioxidant and Cytotoxic Activity Against MCF-7 Breast Cancer Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 5313-5321.	0.9	2
1051	Keap1 mutation renders lung adenocarcinomas dependent on Slc33a1. <i>Nature Cancer</i> , 2020, 1, 589-602.	5.7	44
1052	Metabolic Reprogramming and Epithelial-Mesenchymal Plasticity: Opportunities and Challenges for Cancer Therapy. <i>Frontiers in Oncology</i> , 2020, 10, 792.	1.3	24
1053	Stimuli-responsive combination therapy of cisplatin and Nrf2 siRNA for improving antitumor treatment of osteosarcoma. <i>Nano Research</i> , 2020, 13, 630-637.	5.8	12
1054	Overview of carotenoids and beneficial effects on human health. , 2020, , 1-40.		10
1055	Emerging Mechanisms and Disease Relevance of Ferroptosis. <i>Trends in Cell Biology</i> , 2020, 30, 478-490.	3.6	624
1056	The Pleiotropic Role of the KEAP1/NRF2 Pathway in Cancer. <i>Annual Review of Cancer Biology</i> , 2020, 4, 413-435.	2.3	45
1057	Cysteine depletion induces pancreatic tumor ferroptosis in mice. <i>Science</i> , 2020, 368, 85-89.	6.0	692
1058	A Splice Variant of NCOR2, BQ323636.1, Confers Chemoresistance in Breast Cancer by Altering the Activity of NRF2. <i>Cancers</i> , 2020, 12, 533.	1.7	7
1059	ATF4-Dependent NRF2 Transcriptional Regulation Promotes Antioxidant Protection during Endoplasmic Reticulum Stress. <i>Cancers</i> , 2020, 12, 569.	1.7	65
1060	Drugs for preventing lung cancer in healthy people. <i>The Cochrane Library</i> , 2020, 2020, CD002141.	1.5	49

#	ARTICLE	IF	CITATIONS
1061	Crosstalk between NRF2 and Dicer through metastasis regulating MicroRNAs; mir-34a, mir-200 family and mir-103/107 family. Archives of Biochemistry and Biophysics, 2020, 686, 108326.	1.4	11
1062	Pre-treatment With PLGA/Silibinin Nanoparticles Mitigates Dacarbazine-Induced Hepatotoxicity. Frontiers in Bioengineering and Biotechnology, 2020, 8, 495.	2.0	7
1063	A ruthenium(II)-curcumin compound modulates NRF2 expression balancing the cancer cell death/survival outcome according to p53 status. Journal of Experimental and Clinical Cancer Research, 2020, 39, 122.	3.5	19
1064	Influence of Fibroblasts on Mammary Gland Development, Breast Cancer Microenvironment Remodeling, and Cancer Cell Dissemination. Cancers, 2020, 12, 1697.	1.7	27
1065	Oxidative Stress in Cancer. Cancer Cell, 2020, 38, 167-197.	7.7	1,203
1066	Microenvironmental Activation of Nrf2 Restricts the Progression of Nrf2-Activated Malignant Tumors. Cancer Research, 2020, 80, 3331-3344.	0.4	36
1067	Human Prostate Cancer Is Characterized by an Increase in Urea Cycle Metabolites. Cancers, 2020, 12, 1814.	1.7	37
1068	NRF2, a Transcription Factor for Stress Response and Beyond. International Journal of Molecular Sciences, 2020, 21, 4777.	1.8	636
1069	Glucose Metabolism and Oxidative Stress in Hepatocellular Carcinoma: Role and Possible Implications in Novel Therapeutic Strategies. Cancers, 2020, 12, 1668.	1.7	54
1070	A conditional mouse expressing an activating mutation in <i>NRF2</i> displays hyperplasia of the upper gastrointestinal tract and decreased white adipose tissue. Journal of Pathology, 2020, 252, 125-137.	2.1	16
1071	Intermittent hypoxia exacerbates tumor progression in a mouse model of lung cancer. Scientific Reports, 2020, 10, 1854.	1.6	33
1072	The Role of Reactive Oxygen Species in Arsenic Toxicity. Biomolecules, 2020, 10, 240.	1.8	197
1073	Dynamic ROS Regulation by TIGAR: Balancing Anti-cancer and Pro-metastasis Effects. Cancer Cell, 2020, 37, 141-142.	7.7	13
1074	Oligo-Fucoidan Prevents M2 Macrophage Differentiation and HCT116 Tumor Progression. Cancers, 2020, 12, 421.	1.7	22
1075	Short-term exposure to ZnO/MCB persistent free radical particles causes mouse lung lesions via inflammatory reactions and apoptosis pathways. Environmental Pollution, 2020, 261, 114039.	3.7	15
1076	Tricarboxylic acid cycle dehydrogenases inhibition by naringenin: experimental and molecular modelling evidence. British Journal of Nutrition, 2020, 123, 1117-1126.	1.2	3
1077	Exosomal Nrf2: From anti-oxidant and anti-inflammation response to wound healing and tissue regeneration in aged-related diseases. Biochimie, 2020, 171-172, 103-109.	1.3	33
1078	<i>Keap1</i> deletion accelerates mutant <i>K-ras</i> / <i>p53</i> -driven cholangiocarcinoma. American Journal of Physiology - Renal Physiology, 2020, 318, G419-G427.	1.6	15

#	ARTICLE	IF	CITATIONS
1079	Reductive stress in striated muscle cells. Cellular and Molecular Life Sciences, 2020, 77, 3547-3565.	2.4	31
1080	Estrogen-related receptors are targetable ROS sensors. Genes and Development, 2020, 34, 544-559.	2.7	64
1081	Potential Applications of NRF2 Modulators in Cancer Therapy. Antioxidants, 2020, 9, 193.	2.2	94
1082	Approaching reactive species in the frame of their clinical significance: A toxicological appraisal. Food and Chemical Toxicology, 2020, 138, 111206.	1.8	24
1083	lncRNA SLC7A11-AS1 Promotes Chemoresistance by Blocking SCF ^{β2} -TRCP-Mediated Degradation of NRF2 in Pancreatic Cancer. Molecular Therapy - Nucleic Acids, 2020, 19, 974-985.	2.3	70
1084	Small molecular Nrf2 inhibitors as chemosensitizers for cancer therapy. Future Medicinal Chemistry, 2020, 12, 243-267.	1.1	21
1085	ROS in cancer therapy: the bright side of the moon. Experimental and Molecular Medicine, 2020, 52, 192-203.	3.2	1,260
1086	NRF2 negatively regulates primary ciliogenesis and hedgehog signaling. PLoS Biology, 2020, 18, e3000620.	2.6	19
1087	Photodynamic Therapy for <i>ras</i> -Driven Cancers: Targeting G-Quadruplex RNA Structures with Bifunctional Alkyl-Modified Porphyrins. Journal of Medicinal Chemistry, 2020, 63, 1245-1260.	2.9	34
1088	Undermining Glutaminolysis Bolsters Chemotherapy While NRF2 Promotes Chemoresistance in KRAS-Driven Pancreatic Cancers. Cancer Research, 2020, 80, 1630-1643.	0.4	157
1089	Ferroptosis in Cancer Cell Biology. Cancers, 2020, 12, 164.	1.7	212
1090	Impacts of NRF2 activation in non-small cell lung cancer cell lines on extracellular metabolites. Cancer Science, 2020, 111, 667-678.	1.7	29
1091	Dynamic ROS Control by TIGAR Regulates the Initiation and Progression of Pancreatic Cancer. Cancer Cell, 2020, 37, 168-182.e4.	7.7	159
1092	Nrf2 Activation and Its Coordination with the Protective Defense Systems in Response to Electrophilic Stress. International Journal of Molecular Sciences, 2020, 21, 545.	1.8	28
1093	Proteomics profiling and pathway analysis of hippocampal aging in rhesus monkeys. BMC Neuroscience, 2020, 21, 2.	0.8	9
1094	Nuclear factor erythroid 2 (NF-E2)-related factor 2 (Nrf2) in non-small cell lung cancer. Life Sciences, 2020, 254, 117325.	2.0	11
1095	Nuclear Factor Erythroid 2-Related Factor 2 in Regulating Cancer Metabolism. Antioxidants and Redox Signaling, 2020, 33, 966-997.	2.5	51
1096	The GTPase KRAS suppresses the p53 tumor suppressor by activating the NRF2-regulated antioxidant defense system in cancer cells. Journal of Biological Chemistry, 2020, 295, 3055-3063.	1.6	17

#	ARTICLE	IF	CITATIONS
1097	Synthesis, Anticancer, and Antibacterial Activity of Betulinic and Betulonic Acid C-28-Triphenylphosphonium Conjugates with Variable Alkyl Linker Length. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 286-300.	0.9	22
1098	Oxidative Stress and Cancer: Chemopreventive and Therapeutic Role of Triphala. <i>Antioxidants</i> , 2020, 9, 72.	2.2	51
1099	A Network-Based Approach for Identification of Subtype-Specific Master Regulators in Pancreatic Ductal Adenocarcinoma. <i>Genes</i> , 2020, 11, 155.	1.0	8
1100	NRF2 as a regulator of cell metabolism and inflammation in cancer. <i>Carcinogenesis</i> , 2020, 41, 405-416.	1.3	160
1101	The multifaceted role of reactive oxygen species in tumorigenesis. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 4459-4483.	2.4	280
1102	Molecular mechanisms and systemic targeting of NRF2 dysregulation in cancer. <i>Biochemical Pharmacology</i> , 2020, 177, 114002.	2.0	20
1103	NRF2 activation promotes the recurrence of dormant tumour cells through regulation of redox and nucleotide metabolism. <i>Nature Metabolism</i> , 2020, 2, 318-334.	5.1	106
1104	ROS and oncogenesis with special reference to EMT and stemness. <i>European Journal of Cell Biology</i> , 2020, 99, 151073.	1.6	69
1105	REDD1 loss reprograms lipid metabolism to drive progression of <i>RAS</i> mutant tumors. <i>Genes and Development</i> , 2020, 34, 751-766.	2.7	30
1106	BMP8A promotes survival and drug resistance via Nrf2/TRIM24 signaling pathway in clear cell renal cell carcinoma. <i>Cancer Science</i> , 2020, 111, 1555-1566.	1.7	20
1107	Shedding New Light on Cancer Metabolism: A Metabolic Tightrope Between Life and Death. <i>Frontiers in Oncology</i> , 2020, 10, 409.	1.3	33
1108	A thioredoxin reductase inhibitor ethaselen induces growth inhibition and apoptosis in gastric cancer. <i>Journal of Cancer</i> , 2020, 11, 3013-3019.	1.2	15
1109	Keap1-Nrf2 signaling pathway in angiogenesis and vascular diseases. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2020, 14, 869-883.	1.3	63
1110	Sporadic activation of an oxidative stress-dependent NRF2-p53 signaling network in breast epithelial spheroids and premalignancies. <i>Science Signaling</i> , 2020, 13, .	1.6	25
1111	The Molecular Mechanisms Regulating the KEAP1-NRF2 Pathway. <i>Molecular and Cellular Biology</i> , 2020, 40, .	1.1	620
1112	Ozone at low concentrations does not affect motility and proliferation of cancer cells in vitro. <i>European Journal of Histochemistry</i> , 2020, 64, .	0.6	6
1113	The Complex Interplay between Antioxidants and ROS in Cancer. <i>Trends in Cell Biology</i> , 2020, 30, 440-451.	3.6	344
1114	Sulforaphane Activates a lysosome-dependent transcriptional program to mitigate oxidative stress. <i>Autophagy</i> , 2021, 17, 872-887.	4.3	68

#	ARTICLE	IF	CITATIONS
1115	The PI3K pathway induced by $\hat{\alpha}$ 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
1116	Mitochondrial Reactive Oxygen Species and Mitophagy: A Complex and Nuanced Relationship. <i>Antioxidants and Redox Signaling</i> , 2021, 34, 517-530.	2.5	109
1117	Polypeptide uploaded efficient nanophotosensitizers to overcome photodynamic resistance for enhanced anticancer therapy. <i>Chemical Engineering Journal</i> , 2021, 403, 126344.	6.6	22
1118	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
1119	Small molecules regulating reactive oxygen species homeostasis for cancer therapy. <i>Medicinal Research Reviews</i> , 2021, 41, 342-394.	5.0	107
1120	NRF2 Activation Promotes Aggressive Lung Cancer and Associates with Poor Clinical Outcomes. <i>Clinical Cancer Research</i> , 2021, 27, 877-888.	3.2	84
1121	NRF2 in human neoplasm: Cancer biology and potential therapeutic target. , 2021, 217, 107664.		29
1122	Progression-Mediated Changes in Mitochondrial Morphology Promotes Adaptation to Hypoxic Peritoneal Conditions in Serous Ovarian Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 600113.	1.3	27
1123	Targeting Nrf2 for the treatment of Duchenne Muscular Dystrophy. <i>Redox Biology</i> , 2021, 38, 101803.	3.9	25
1124	Interaction of Nrf2 with dimeric STAT3 induces IL-23 expression: Implications for breast cancer progression. <i>Cancer Letters</i> , 2021, 500, 147-160.	3.2	17
1125	The PGC1 $\hat{\alpha}$ /NRF1-MPC1 axis suppresses tumor progression and enhances the sensitivity to sorafenib/doxorubicin treatment in hepatocellular carcinoma. <i>Free Radical Biology and Medicine</i> , 2021, 163, 141-152.	1.3	23
1127	NRF2 $\hat{\alpha}$ -dependent stress defense in tumor antioxidant control and immune evasion. <i>Pigment Cell and Melanoma Research</i> , 2021, 34, 268-279.	1.5	20
1128	Amplification of 8p11.23 in cancers and the role of amplicon genes. <i>Life Sciences</i> , 2021, 264, 118729.	2.0	12
1129	Clinical Implications of KEAP1-NFE2L2 Mutations in NSCLC. <i>Journal of Thoracic Oncology</i> , 2021, 16, 395-403.	0.5	33
1130	Biotoxic effects and gene expression regulation of urban PM2.5 in southwestern China. <i>Science of the Total Environment</i> , 2021, 753, 141774.	3.9	7
1131	The Intricate Metabolism of Pancreatic Cancers. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1311, 77-88.	0.8	5
1132	The interplay between reactive oxygen species and antioxidants in cancer progression and therapy: a narrative review. <i>Translational Cancer Research</i> , 2021, 10, 4196-4206.	0.4	14
1133	Targeting the stress support network regulated by autophagy and senescence for cancer treatment. <i>Advances in Cancer Research</i> , 2021, 150, 75-112.	1.9	4

#	ARTICLE	IF	CITATIONS
1134	Broadening horizons: the role of ferroptosis in cancer. <i>Nature Reviews Clinical Oncology</i> , 2021, 18, 280-296.	12.5	1,216
1135	Oncogenic N-Ras Mitigates Oxidative Stress-Induced Apoptosis of Hematopoietic Stem Cells. <i>Cancer Research</i> , 2021, 81, 1240-1251.	0.4	7
1136	The Ubiquitin E3 Ligase TRIM21 Promotes Hepatocarcinogenesis by Suppressing the p62-Keap1-Nrf2 Antioxidant Pathway. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 1369-1385.	2.3	34
1137	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
1138	Fast autooxidation of a bis-histidyl-ligated globin from the anhydrobiotic tardigrade, <i>Ramazzottius varieornatus</i> , by molecular oxygen. <i>Journal of Biochemistry</i> , 2021, 169, 663-673.	0.9	2
1139	Concentration-Dependent Pro- and Antitumor Activities of Quercetin in Human Melanoma Spheroids: Comparative Analysis of 2D and 3D Cell Culture Models. <i>Molecules</i> , 2021, 26, 717.	1.7	11
1140	The Taming of Nuclear Factor Erythroid-2-Related Factor-2 (Nrf2) Deglycation by Fructosamine-3-Kinase (FN3K)-Inhibitors-A Novel Strategy to Combat Cancers. <i>Cancers</i> , 2021, 13, 281.	1.7	14
1141	Promotion of epithelial-mesenchymal transformation by hepatocellular carcinoma-educated macrophages through Wnt2b/ β -catenin/c-Myc signaling and reprogramming glycolysis. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 13.	3.5	46
1142	Water Soluble Iron-Based Coordination Trimers as Synergistic Adjuvants for Pancreatic Cancer. <i>Antioxidants</i> , 2021, 10, 66.	2.2	7
1143	<i>KRAS/LKB1</i> and <i>KRAS/TP53</i> co-mutations create divergent immune signatures in lung adenocarcinomas. <i>Therapeutic Advances in Medical Oncology</i> , 2021, 13, 175883592110069.	1.4	32
1144	ATDC binds to KEAP1 to drive NRF2-mediated tumorigenesis and chemoresistance in pancreatic cancer. <i>Genes and Development</i> , 2021, 35, 218-233.	2.7	23
1145	A Comprehensive insight into the effect of chromium supplementation on oxidative stress indices in diabetes mellitus: A systematic review. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 291-309.	0.9	19
1146	Metabolic Reprogramming and the Control of Anoikis Resistance in Cancer. , 2021, , 17-50.		0
1147	Oxidative Stress and Antioxidant Strategies in Human Diseases. , 2021, , 1-26.		0
1148	Comprehensive Review of Methodology to Detect Reactive Oxygen Species (ROS) in Mammalian Species and Establish Its Relationship with Antioxidants and Cancer. <i>Antioxidants</i> , 2021, 10, 128.	2.2	35
1149	Roles of RAD18 in DNA replication and post-replication repair (PRR). , 2021, , 275-292.		0
1150	Metabolic Contributions to Anoikis-Resistance in Metastatic Dissemination. , 2021, , 1-16.		0
1151	Harnessing the Co-vulnerabilities of Amino Acid-Restricted Cancers. <i>Cell Metabolism</i> , 2021, 33, 9-20.	7.2	22

#	ARTICLE	IF	CITATIONS
1152	Downregulation of miR-23b by transcription factor c-Myc alleviates ischemic brain injury by upregulating Nrf2. <i>International Journal of Biological Sciences</i> , 2021, 17, 3659-3671.	2.6	8
1153	Cancer and Tumour Suppressor p53 Encounters at the Juncture of Sex Disparity. <i>Frontiers in Genetics</i> , 2021, 12, 632719.	1.1	10
1154	Targeting Nrf2 may reverse the drug resistance in ovarian cancer. <i>Cancer Cell International</i> , 2021, 21, 116.	1.8	25
1155	Targeting Redox Metabolism in Pancreatic Cancer. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1534.	1.8	25
1156	Oxidative Stress in the Tumor Microenvironment and Its Relevance to Cancer Immunotherapy. <i>Cancers</i> , 2021, 13, 986.	1.7	81
1157	Selective killing of cancer cells harboring mutant RAS by concomitant inhibition of NADPH oxidase and glutathione biosynthesis. <i>Cell Death and Disease</i> , 2021, 12, 189.	2.7	6
1158	Thymoquinone: A Tie-Breaker in SARS-CoV2-Infected Cancer Patients?. <i>Cells</i> , 2021, 10, 302.	1.8	14
1159	Nrf2 Activation Sensitizes K-Ras Mutant Pancreatic Cancer Cells to Glutaminase Inhibition. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1870.	1.8	19
1160	The metabolic landscape of RAS-driven cancers from biology to therapy. <i>Nature Cancer</i> , 2021, 2, 271-283.	5.7	139
1161	Catalytic activity tunable ceria nanoparticles prevent chemotherapy-induced acute kidney injury without interference with chemotherapeutics. <i>Nature Communications</i> , 2021, 12, 1436.	5.8	139
1162	Control of Oxidative Stress in Cancer Chemoresistance: Spotlight on Nrf2 Role. <i>Antioxidants</i> , 2021, 10, 510.	2.2	39
1163	Identification of Redox-Sensitive Transcription Factors as Markers of Malignant Pleural Mesothelioma. <i>Cancers</i> , 2021, 13, 1138.	1.7	3
1164	Role of Reductive versus Oxidative Stress in Tumor Progression and Anticancer Drug Resistance. <i>Cells</i> , 2021, 10, 758.	1.8	25
1165	The multifaceted role of NRF2 in cancer progression and cancer stem cells maintenance. <i>Archives of Pharmacal Research</i> , 2021, 44, 263-280.	2.7	23
1166	Therapeutic Targeting of the NRF2 Signaling Pathway in Cancer. <i>Molecules</i> , 2021, 26, 1417.	1.7	50
1167	The construction and analysis of a ferroptosis-related gene prognostic signature for pancreatic cancer. <i>Aging</i> , 2021, 13, 10396-10414.	1.4	28
1168	p62 functions as a signal hub in metal carcinogenesis. <i>Seminars in Cancer Biology</i> , 2021, 76, 267-278.	4.3	7
1169	Key biomarkers within the colorectal cancer related inflammatory microenvironment. <i>Scientific Reports</i> , 2021, 11, 7940.	1.6	17

#	ARTICLE	IF	CITATIONS
1170	KEAP1 Is Required for Artesunate Anticancer Activity in Non-Small-Cell Lung Cancer. <i>Cancers</i> , 2021, 13, 1885.	1.7	7
1171	The functional roles of TCA cycle metabolites in cancer. <i>Oncogene</i> , 2021, 40, 3351-3363.	2.6	98
1173	The importance of Ras in drug resistance in cancer. <i>British Journal of Pharmacology</i> , 2022, 179, 2844-2867.	2.7	26
1174	Intersection between Redox Homeostasis and Autophagy: Valuable Insights into Neurodegeneration. <i>Antioxidants</i> , 2021, 10, 694.	2.2	18
1175	Melatonin attenuates restenosis after vascular injury in diabetic rats through activation of the Nrf2 signaling pathway. <i>Biochemical and Biophysical Research Communications</i> , 2021, 548, 127-133.	1.0	5
1176	High Transaldolase 1 expression predicts poor survival of patients with upper tract urothelial carcinoma. <i>Pathology International</i> , 2021, 71, 463-470.	0.6	8
1177	Heme Oxygenase-1 Signaling and Redox Homeostasis in Physiopathological Conditions. <i>Biomolecules</i> , 2021, 11, 589.	1.8	92
1178	Mitochondrial STAT3 regulates antioxidant gene expression through complex I-derived NAD in triple negative breast cancer. <i>Molecular Oncology</i> , 2021, 15, 1432-1449.	2.1	16
1179	NRF2 DLG Domain Mutations Identified in Japanese Liver Cancer Patients Affect the Transcriptional Activity in HCC Cell Lines. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5296.	1.8	1
1180	Antidiabetic Agent DPP-4i Facilitates Murine Breast Cancer Metastasis by Oncogenic ROS-NRF2-HO-1 Axis via a Positive NRF2-HO-1 Feedback Loop. <i>Frontiers in Oncology</i> , 2021, 11, 679816.	1.3	4
1181	Roles of Nrf2 in Gastric Cancer: Targeting for Therapeutic Strategies. <i>Molecules</i> , 2021, 26, 3157.	1.7	23
1182	From Metabolism to Genetics and Vice Versa: The Rising Role of Oncometabolites in Cancer Development and Therapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5574.	1.8	6
1183	NRF2 activation induced by PML-RAR α promotes microRNA 125b-1 expression and confers resistance to chemotherapy in acute promyelocytic leukemia. <i>Clinical and Translational Medicine</i> , 2021, 11, e418.	1.7	9
1185	NOX4 links metabolic regulation in pancreatic cancer to endoplasmic reticulum redox vulnerability and dependence on PRDX4. <i>Science Advances</i> , 2021, 7, .	4.7	15
1186	Dielectrophoresis-based discrimination of hepatic carcinoma cells following treatment with cytotoxic agents. <i>Engineering Science and Technology, an International Journal</i> , 2021, 25, 100990-100990.	2.0	1
1187	KRAS Mutation Dictates the Cancer Immune Environment in Pancreatic Ductal Adenocarcinoma and Other Adenocarcinomas. <i>Cancers</i> , 2021, 13, 2429.	1.7	18
1188	mGPDH Deficiency leads to melanoma metastasis via induced NRF2. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 5305-5315.	1.6	4
1189	Cancer cells escape autophagy inhibition via NRF2-induced macropinocytosis. <i>Cancer Cell</i> , 2021, 39, 678-693.e11.	7.7	91

#	ARTICLE	IF	CITATIONS
1190	Sulforaphane Impact on Reactive Oxygen Species (ROS) in Bladder Carcinoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5938.	1.8	12
1191	sMicroRNA-28-5p acts as a metastasis suppressor in gastric cancer by targeting Nrf2. <i>Experimental Cell Research</i> , 2021, 402, 112553.	1.2	6
1192	Single-PanIN-seq unveils that ARID1A deficiency promotes pancreatic tumorigenesis by attenuating KRAS-induced senescence. <i>ELife</i> , 2021, 10, .	2.8	5
1193	The antioxidant response in Barrett's tumorigenesis: A double-edged sword. <i>Redox Biology</i> , 2021, 41, 101894.	3.9	20
1194	Metabolic reprogramming of antioxidant defense: a precision medicine perspective for radiotherapy of lung cancer?. <i>Biochemical Society Transactions</i> , 2021, 49, 1265-1277.	1.6	4
1195	High Density of NRF2 Expression in Malignant Cells Is Associated with Increased Risk of CNS Metastasis in Early-Stage NSCLC. <i>Cancers</i> , 2021, 13, 3151.	1.7	2
1196	Opportunities for Ferroptosis in Cancer Therapy. <i>Antioxidants</i> , 2021, 10, 986.	2.2	15
1197	Mitochondrial metabolism-mediated redox regulation in cancer progression. <i>Redox Biology</i> , 2021, 42, 101870.	3.9	40
1198	Ultra-small FePt/siRNA loaded mesoporous silica nanoplatform to deplete cysteine for enhanced ferroptosis in breast tumor therapy. <i>Nano Today</i> , 2021, 38, 101150.	6.2	33
1199	Nrf2 in Cancer, Detoxifying Enzymes and Cell Death Programs. <i>Antioxidants</i> , 2021, 10, 1030.	2.2	22
1200	Single nucleotide variants of succinate dehydrogenase A gene in renal cell carcinoma. <i>Cancer Science</i> , 2021, 112, 3375-3387.	1.7	7
1201	The biological underpinnings of therapeutic resistance in pancreatic cancer. <i>Genes and Development</i> , 2021, 35, 940-962.	2.7	51
1202	Targeting NRF2 to treat cancer. <i>Seminars in Cancer Biology</i> , 2021, 76, 61-73.	4.3	32
1203	Specific targeting of the KRAS mutational landscape in myeloma as a tool to unveil the elicited antitumor activity. <i>Blood</i> , 2021, 138, 1705-1720.	0.6	10
1204	NADK is activated by oncogenic signaling to sustain pancreatic ductal adenocarcinoma. <i>Cell Reports</i> , 2021, 35, 109238.	2.9	19
1205	An Integrated Molecular Grafting Approach for the Design of Keap1-Targeted Peptide Inhibitors. <i>ACS Chemical Biology</i> , 2021, 16, 1276-1287.	1.6	11
1206	Cooperation Between the NRF2 Pathway and Oncogenic β -catenin During HCC Tumorigenesis. <i>Hepatology Communications</i> , 2021, 5, 1490-1506.	2.0	11
1207	Islet Inflammation: The Link between Type 2 Diabetes and Pancreatic Cancer. , 0, , .		0

#	ARTICLE	IF	CITATIONS
1208	Nuclear factor erythroid 2-related factor 2 potentiates the generation of inflammatory cytokines by intestinal epithelial cells during hyperoxia by inducing the expression of interleukin 17D. <i>Toxicology</i> , 2021, 457, 152820.	2.0	6
1209	Nrf2 Down-Regulation by Camptothecin Favors Inhibiting Invasion, Metastasis and Angiogenesis in Hepatocellular Carcinoma. <i>Frontiers in Oncology</i> , 2021, 11, 661157.	1.3	12
1210	CDCA2 protects against oxidative stress by promoting BRCA1- α NRF2 signaling in hepatocellular carcinoma. <i>Oncogene</i> , 2021, 40, 4368-4383.	2.6	12
1211	Melanoma in the liver: Oxidative stress and the mechanisms of metastatic cell survival. <i>Seminars in Cancer Biology</i> , 2021, 71, 109-121.	4.3	12
1212	KEAP1 deficiency drives glucose dependency and sensitizes lung cancer cells and tumors to GLUT inhibition. <i>IScience</i> , 2021, 24, 102649.	1.9	26
1213	Inhibition of the NRF2/KEAP1 Axis: A Promising Therapeutic Strategy to Alter Redox Balance of Cancer Cells. <i>Antioxidants and Redox Signaling</i> , 2021, 34, 1428-1483.	2.5	13
1214	Regulation of ferroptosis by bioactive phytochemicals: Implications for medical nutritional therapy. <i>Pharmacological Research</i> , 2021, 168, 105580.	3.1	41
1215	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
1216	SLC7A11 Is a Superior Determinant of APR-246 (Eprexapopt) Response than TP53 Mutation Status. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 1858-1867.	1.9	24
1217	Compound NSC84167 selectively targets NRF2-activated pancreatic cancer by inhibiting asparagine synthesis pathway. <i>Cell Death and Disease</i> , 2021, 12, 693.	2.7	5
1218	Diallyl Disulfide Attenuates Ionizing Radiation-Induced Migration and Invasion by Suppressing Nrf2 Signaling in Non-small-Cell Lung Cancer. <i>Dose-Response</i> , 2021, 19, 155932582110331.	0.7	8
1219	SIRT3 inhibits gallbladder cancer by induction of AKT-dependent ferroptosis and blockade of epithelial-mesenchymal transition. <i>Cancer Letters</i> , 2021, 510, 93-104.	3.2	56
1220	Metabolic networks in mutant KRAS-driven tumours: tissue specificities and the microenvironment. <i>Nature Reviews Cancer</i> , 2021, 21, 510-525.	12.8	102
1221	Cancer metabolism: looking forward. <i>Nature Reviews Cancer</i> , 2021, 21, 669-680.	12.8	676
1222	Ferulic acid inhibits LPS-induced apoptosis in bovine mammary epithelial cells by regulating the NF- κ B and Nrf2 signalling pathways to restore mitochondrial dynamics and ROS generation. <i>Veterinary Research</i> , 2021, 52, 104.	1.1	25
1223	The HIF target MAFF promotes tumor invasion and metastasis through IL11 and STAT3 signaling. <i>Nature Communications</i> , 2021, 12, 4308.	5.8	45
1224	Oxidative stress in obesity-associated hepatocellular carcinoma: sources, signaling and therapeutic challenges. <i>Oncogene</i> , 2021, 40, 5155-5167.	2.6	30
1225	Cr(VI) promotes tight joint and oxidative damage by activating the Nrf2/ROS/Notch1 axis. <i>Environmental Toxicology and Pharmacology</i> , 2021, 85, 103640.	2.0	11

#	ARTICLE	IF	CITATIONS
1226	Role of RONS and eIFs in Cancer Progression. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	1.9	3
1227	Role of NRF2 in Lung Cancer. <i>Cells</i> , 2021, 10, 1879.	1.8	35
1228	The Importance of Being PI3K in the RAS Signaling Network. <i>Genes</i> , 2021, 12, 1094.	1.0	28
1229	The impact of mitochondria on cancer treatment resistance. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 983-995.	2.1	15
1230	Cell death in pancreatic cancer: from pathogenesis to therapy. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021, 18, 804-823.	8.2	156
1231	Key Role of MCUR1 in Malignant Progression of Breast Cancer. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 4163-4175.	1.0	4
1232	Cross-Talk between Oxidative Stress and m6A RNA Methylation in Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-26.	1.9	26
1233	Glutamine Modulates Expression and Function of Glucose 6-Phosphate Dehydrogenase via NRF2 in Colon Cancer Cells. <i>Antioxidants</i> , 2021, 10, 1349.	2.2	13
1234	The Interplay Between Mitochondrial Reactive Oxygen Species, Endoplasmic Reticulum Stress, and Nrf2 Signaling in Cardiometabolic Health. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 252-269.	2.5	19
1235	Molecular Hydrogen as a Novel Antitumor Agent: Possible Mechanisms Underlying Gene Expression. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8724.	1.8	9
1236	Mitochondria: The metabolic switch of cellular oncogenic transformation. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2021, 1876, 188534.	3.3	36
1237	Immunohistochemical Characterisation of GLUT1, MMP3 and NRF2 in Osteosarcoma. <i>Frontiers in Veterinary Science</i> , 2021, 8, 704598.	0.9	2
1238	Cullin-RING Ligases as Promising Targets for Gastric Carcinoma Treatment. <i>Pharmacological Research</i> , 2021, 170, 105493.	3.1	8
1239	Lipid Metabolism Regulates Oxidative Stress and Ferroptosis in RAS-Driven Cancers: A Perspective on Cancer Progression and Therapy. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 706650.	1.6	32
1240	IL-36 and IL-36Ra Reciprocally Regulate NSCLC Progression by Modulating GSH Homeostasis and Oxidative Stress-Induced Cell Death. <i>Advanced Science</i> , 2021, 8, e2101501.	5.6	10
1241	Overview of Ferroptosis and Synthetic Lethality Strategies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9271.	1.8	19
1242	Role of Nox4 in High Calcium-Induced Renal Oxidative Stress Damage and Crystal Deposition. <i>Antioxidants and Redox Signaling</i> , 2022, 36, 15-38.	2.5	14
1243	Alantolactone is a natural product that potently inhibits YAP1/TAZ through promotion of reactive oxygen species accumulation. <i>Cancer Science</i> , 2021, 112, 4303-4316.	1.7	17

#	ARTICLE	IF	CITATIONS
1244	NRF2 Mediates Therapeutic Resistance to Chemoradiation in Colorectal Cancer through a Metabolic Switch. <i>Antioxidants</i> , 2021, 10, 1380.	2.2	7
1245	Synergistic effects of FGFR1 and PLK1 inhibitors target a metabolic liability in <i>KRAS</i> mutant cancer. <i>EMBO Molecular Medicine</i> , 2021, 13, e13193.	3.3	11
1246	Recurrent Human Papillomavirus-Related Head and Neck Cancer Undergoes Metabolic Reprogramming and Is Driven by Oxidative Phosphorylation. <i>Clinical Cancer Research</i> , 2021, 27, 6250-6264.	3.2	17
1247	DMEP induces mitochondrial damage regulated by inhibiting Nrf2 and SIRT1/PGC-1 β signaling pathways in HepG2 cells. <i>Ecotoxicology and Environmental Safety</i> , 2021, 221, 112449.	2.9	15
1248	Supramolecular self-assembled DNA nanosystem for synergistic chemical and gene regulations on cancer cells. <i>Angewandte Chemie</i> , 0, , .	1.6	0
1249	Nrf2 Is a Potential Modulator for Orchestrating Iron Homeostasis and Redox Balance in Cancer Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 728172.	1.8	16
1250	Metformin pretreatment reduces effect to dacarbazine and suppresses melanoma cell resistance. <i>Cell Biology International</i> , 2022, 46, 73-82.	1.4	3
1251	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
1252	A Comprehensive Review of the Use of Antioxidants and Natural Products in Cancer Patients Receiving Anticancer Therapy. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2021, 21, .	0.9	0
1253	Transcriptome-based identification of molecular markers related to the development and prognosis of Colon cancer. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2021, 40, 1114-1124.	0.4	7
1254	MYC Rules: Leading Glutamine Metabolism toward a Distinct Cancer Cell Phenotype. <i>Cancers</i> , 2021, 13, 4484.	1.7	29
1255	Targeting NRF2 and Its Downstream Processes: Opportunities and Challenges. <i>Annual Review of Pharmacology and Toxicology</i> , 2022, 62, 279-300.	4.2	74
1256	Role of Nrf2 in Disease: Novel Molecular Mechanisms and Therapeutic Approaches - Pulmonary Disease/Asthma. <i>Frontiers in Physiology</i> , 2021, 12, 727806.	1.3	30
1257	Iron and liver cancer: an inseparable connection. <i>FEBS Journal</i> , 2022, 289, 7810-7829.	2.2	27
1258	A polygenic-score-based approach for identification of gene-drug interactions stratifying breast cancer risk. <i>American Journal of Human Genetics</i> , 2021, 108, 1752-1764.	2.6	7
1259	The Adipokine Component in the Molecular Regulation of Cancer Cell Survival, Proliferation and Metastasis. <i>Pathology and Oncology Research</i> , 2021, 27, 1609828.	0.9	5
1260	An Overview of the Nrf2/ARE Pathway and Its Role in Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9592.	1.8	62
1261	Bird evolution by insulin resistance. <i>Trends in Endocrinology and Metabolism</i> , 2021, 32, 803-813.	3.1	11

#	ARTICLE	IF	CITATIONS
1262	Redox modulation of vitagenes via plant polyphenols and vitamin D: Novel insights for chemoprevention and therapeutic interventions based on organoid technology. <i>Mechanisms of Ageing and Development</i> , 2021, 199, 111551.	2.2	18
1263	Post-translational down-regulation of Nrf2 and YAP proteins, by targeting deubiquitinases, reduces growth and chemoresistance in pancreatic cancer cells. <i>Free Radical Biology and Medicine</i> , 2021, 174, 202-210.	1.3	20
1264	Targeting mutated GTPase KRAS in tumor therapies. <i>European Journal of Medicinal Chemistry</i> , 2021, 226, 113816.	2.6	19
1265	Copper content in ascitic fluid is associated with angiogenesis and progression in ovarian cancer. <i>Journal of Trace Elements in Medicine and Biology</i> , 2021, 68, 126865.	1.5	15
1266	Lungs. , 2022, , 243-256.		0
1267	Autophagy in cancer: friend or foe?. , 2022, , 361-384.		1
1268	Overcoming hypoxia-induced resistance of pancreatic and lung tumor cells by disrupting the PERK-NRF2-HIF-axis. <i>Cell Death and Disease</i> , 2021, 12, 82.	2.7	24
1269	Mitochondria-targeted ratiometric fluorescent imaging of cysteine. <i>Analyst, The</i> , 2021, 146, 4642-4648.	1.7	7
1270	New combination chemotherapy of cisplatin with an electron-donating compound for treatment of multiple cancers. <i>Scientific Reports</i> , 2021, 11, 788.	1.6	22
1271	Oncogenic KRAS drives radioresistance through upregulation of NRF2-53BP1-mediated non-homologous end-joining repair. <i>Nucleic Acids Research</i> , 2021, 49, 11067-11082.	6.5	26
1272	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
1273	Autophagy in liver diseases. <i>World Journal of Hepatology</i> , 2021, 13, 6-65.	0.8	34
1274	The ins and outs of serine and glycine metabolism in cancer. <i>Nature Metabolism</i> , 2021, 3, 131-141.	5.1	82
1275	Melanoma Metabolism. , 2019, , 1-24.		1
1276	Inflammation and Lung Cancer: The Relationship to Chronic Obstructive Pulmonary Disease. , 2015, , 1-21.		2
1277	Inflammation and Lung Cancer: The Role of Epithelial-Mesenchymal Transition. , 2015, , 23-68.		3
1278	Role of the Pentose Phosphate Pathway in Tumour Metabolism. , 2015, , 143-163.		3
1279	Cullin 3 and Its Role in Tumorigenesis. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1217, 187-210.	0.8	16

#	ARTICLE	IF	CITATIONS
1280	A New Theory of Chemically Induced Tumorigenesis. <i>Advances in Molecular Toxicology</i> , 2016, 10, 1-53.	0.4	1
1281	Systematic Identification of Regulators of Oxidative Stress Reveals Non-canonical Roles for Peroxisomal Import and the Pentose Phosphate Pathway. <i>Cell Reports</i> , 2020, 30, 1417-1433.e7.	2.9	49
1282	NRF2 Is a Major Target of ARF in p53-Independent Tumor Suppression. <i>Molecular Cell</i> , 2017, 68, 224-232.e4.	4.5	219
1283	Inhibition of TXNRD or SOD1 overcomes NRF2-mediated resistance to Î²-lapachone. <i>Redox Biology</i> , 2020, 30, 101440.	3.9	31
1284	Why are epididymal tumours so rare?. <i>Asian Journal of Andrology</i> , 2012, 14, 465-475.	0.8	40
1285	Cellular senescence in gastrointestinal diseases: from pathogenesis to therapeutics. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2018, 15, 81-95.	8.2	62
1290	Modulation of Nqo1 activity intercepts anoikis resistance and reduces metastatic potential of hepatocellular carcinoma. <i>Cancer Science</i> , 2020, 111, 1228-1240.	1.7	26
1291	p62 promotes bladder cancer cell growth by activating KEAP1/NRF2-dependent antioxidative response. <i>Cancer Science</i> , 2020, 111, 1156-1164.	1.7	48
1292	Hepatoblastoma modeling in mice places Nrf2 within a cancer field established by mutant Î²-catenin. <i>JCI Insight</i> , 2016, 1, e88549.	2.3	24
1293	Suppression of the SLC7A11/glutathione axis causes synthetic lethality in KRAS-mutant lung adenocarcinoma. <i>Journal of Clinical Investigation</i> , 2020, 130, 1752-1766.	3.9	200
1294	Transcription factor NRF2 regulates miR-1 and miR-206 to drive tumorigenesis. <i>Journal of Clinical Investigation</i> , 2013, 123, 2921-2934.	3.9	283
1295	Oncometabolites: linking altered metabolism with cancer. <i>Journal of Clinical Investigation</i> , 2013, 123, 3652-3658.	3.9	334
1296	Targeting SOD1 reduces experimental non-small-cell lung cancer. <i>Journal of Clinical Investigation</i> , 2014, 124, 117-128.	3.9	172
1297	Rare codons capacitate Kras-driven de novo tumorigenesis. <i>Journal of Clinical Investigation</i> , 2015, 125, 222-233.	3.9	71
1298	Dual targeting of the thioredoxin and glutathione systems in cancer and HIV. <i>Journal of Clinical Investigation</i> , 2016, 126, 1630-1639.	3.9	139
1299	Mitochondrial reprogramming via ATP5H loss promotes multimodal cancer therapy resistance. <i>Journal of Clinical Investigation</i> , 2018, 128, 4098-4114.	3.9	31
1300	Activated Oncogenic Pathway Modifies Iron Network in Breast Epithelial Cells: A Dynamic Modeling Perspective. <i>PLoS Computational Biology</i> , 2017, 13, e1005352.	1.5	22
1301	Master Regulators of Oncogenic KRAS Response in Pancreatic Cancer: An Integrative Network Biology Analysis. <i>PLoS Medicine</i> , 2017, 14, e1002223.	3.9	39

#	ARTICLE	IF	CITATIONS
1302	Identification of a KEAP1 Germline Mutation in a Family with Multinodular Goitre. PLoS ONE, 2013, 8, e65141.	1.1	27
1303	Clinical Significance of Keap1 and Nrf2 in Oral Squamous Cell Carcinoma. PLoS ONE, 2013, 8, e83479.	1.1	48
1304	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. PLoS ONE, 2015, 10, e0135257.	1.1	43
1305	NRF2 Regulates PINK1 Expression under Oxidative Stress Conditions. PLoS ONE, 2015, 10, e0142438.	1.1	129
1306	Identification of KCa3.1 Channel as a Novel Regulator of Oxidative Phosphorylation in a Subset of Pancreatic Carcinoma Cell Lines. PLoS ONE, 2016, 11, e0160658.	1.1	40
1307	TrkB Promotes Breast Cancer Metastasis via Suppression of Runx3 and Keap1 Expression. Molecules and Cells, 2016, 39, 258-265.	1.0	35
1308	The role of mitochondrial ATP synthase in cancer. Biological Chemistry, 2020, 401, 1199-1214.	1.2	29
1309	Autophagy and Hallmarks of Cancer. Critical Reviews in Oncogenesis, 2018, 23, 247-267.	0.2	82
1310	Autophagy and Cellular Senescence in Lung Diseases. Journal of Biochemistry and Molecular Biology Research, 2015, 1, 54-66.	0.3	6
1311	Interplay of MKP-1 and Nrf2 drives tumor growth and drug resistance in non-small cell lung cancer. Aging, 2019, 11, 11329-11346.	1.4	10
1312	Inflammatory macrophages in pancreatic acinar cell metaplasia and initiation of pancreatic cancer. Oncoscience, 2015, 2, 247-251.	0.9	25
1313	4-Hydroxyestradiol induces mammary epithelial cell transformation through Nrf2-mediated heme oxygenase-1 overexpression. Oncotarget, 2017, 8, 164-178.	0.8	20
1314	Chemoprevention of oxidative stress-associated oral carcinogenesis by sulforaphane depends on NRF2 and the isothiocyanate moiety. Oncotarget, 2016, 7, 53502-53514.	0.8	41
1315	Activation of AKT pathway by Nrf2/PDGFA feedback loop contributes to HCC progression. Oncotarget, 2016, 7, 65389-65402.	0.8	41
1316	Understanding the role of NRF2-regulated miRNAs in human malignancies. Oncotarget, 2013, 4, 1130-1142.	0.8	57
1317	NRF2 promotes breast cancer cell proliferation and metastasis by increasing RhoA/ROCK pathway signal transduction. Oncotarget, 2016, 7, 73593-73606.	0.8	101
1318	Inhibition of cancer antioxidant defense by natural compounds. Oncotarget, 2017, 8, 15996-16016.	0.8	168
1319	Suppression of radiation-induced migration of non-small cell lung cancer through inhibition of Nrf2-Notch Axis. Oncotarget, 2017, 8, 36603-36613.	0.8	34

#	ARTICLE	IF	CITATIONS
1320	Cytotoxic effects of 15d-PGJ2 against osteosarcoma through ROS-mediated AKT and cell cycle inhibition. <i>Oncotarget</i> , 2014, 5, 716-725.	0.8	32
1321	The prognostic value of NRF2 in solid tumor patients: a meta-analysis. <i>Oncotarget</i> , 2018, 9, 1257-1265.	0.8	11
1322	Thioredoxin system-mediated regulation of mutant Kras associated pancreatic neoplasia and cancer. <i>Oncotarget</i> , 2017, 8, 92667-92681.	0.8	5
1323	NFE2L2/NRF2 silencing-inducible miR-206 targets c-MET/EGFR and suppresses BCRP/ABCG2 in cancer cells. <i>Oncotarget</i> , 2017, 8, 107188-107205.	0.8	26
1324	Mutant p53 tunes the NRF2-dependent antioxidant response to support survival of cancer cells. <i>Oncotarget</i> , 2018, 9, 20508-20523.	0.8	86
1325	BCATc modulates crosstalk between the PI3K/Akt and the Ras/ERK pathway regulating proliferation in triple negative breast cancer. <i>Oncotarget</i> , 2020, 11, 1971-1987.	0.8	10
1326	Micro-RNA-155 is induced by K-Ras oncogenic signal and promotes ROS stress in pancreatic cancer. <i>Oncotarget</i> , 2015, 6, 21148-21158.	0.8	99
1327	ZNF32 protects against oxidative stress-induced apoptosis by modulating C1QBP transcription. <i>Oncotarget</i> , 2015, 6, 38107-38126.	0.8	25
1328	Mutant p53 confers chemoresistance in non-small cell lung cancer by upregulating Nrf2. <i>Oncotarget</i> , 2015, 6, 41692-41705.	0.8	105
1329	Yap1 promotes the survival and self-renewal of breast tumor initiating cells via inhibiting Smad3 signaling. <i>Oncotarget</i> , 2016, 7, 9692-9706.	0.8	14
1330	Cancer stem cells and signaling pathways in radioresistance. <i>Oncotarget</i> , 2016, 7, 11002-11017.	0.8	92
1331	NRF2 and p53: Januses in cancer?. <i>Oncotarget</i> , 2012, 3, 1272-1283.	0.8	88
1332	Histone deacetylase inhibitor-induced cancer stem cells exhibit high pentose phosphate pathway metabolism. <i>Oncotarget</i> , 2016, 7, 28329-28339.	0.8	54
1333	Doxorubicin Redox Biology: Redox Cycling, Topoisomerase Inhibition, and Oxidative Stress. , 2016, 1, 189-198.		73
1335	Potent Antioxidant Activity of a Protease Inhibitor- hayanin from the Seed Coats of Horse gram (<i>Macrotyloma uniflorum</i> (Lam.) Verdc.). <i>International Journal of Pharma Research and Health Sciences</i> , 2016, 4, 1305-1310.	0.4	2
1336	Pharmacological Applications of Antioxidants: Lights and Shadows. <i>Current Drug Targets</i> , 2014, 15, 1177-1199.	1.0	92
1337	The Role of Reactive Oxygen Species in Tumor Treatment and its Impact on Bone Marrow Hematopoiesis. <i>Current Drug Targets</i> , 2020, 21, 477-498.	1.0	13
1338	Mechanisms Underlying Chemopreventive Effects of Flavonoids via Multiple Signaling Nodes within Nrf2-ARE and AhR-XRE Gene Regulatory Networks. <i>Current Chemical Biology</i> , 2013, 7, 151-176.	0.2	29

#	ARTICLE	IF	CITATIONS
1339	Protective Role of Nrf2 in Renal Disease. <i>Antioxidants</i> , 2021, 10, 39.	2.2	46
1340	The NRF2/KEAP1 Axis in the Regulation of Tumor Metabolism: Mechanisms and Therapeutic Perspectives. <i>Biomolecules</i> , 2020, 10, 791.	1.8	55
1341	The KEAP1-NRF2 System as a Molecular Target of Cancer Treatment. <i>Cancers</i> , 2021, 13, 46.	1.7	100
1342	Glioma cells are resistant to inflammation-induced alterations of mitochondrial dynamics. <i>International Journal of Oncology</i> , 2020, 57, 1293-1306.	1.4	13
1343	Biological effects of corosolic acid as an anti-inflammatory, anti-metabolic syndrome and anti-neoplastic natural compound (Review). <i>Oncology Letters</i> , 2020, 21, 84.	0.8	22
1344	Neferine induces apoptosis by modulating the ROS-mediated JNK pathway in esophageal squamous cell carcinoma. <i>Oncology Reports</i> , 2020, 44, 1116-1126.	1.2	21
1345	A New Perspective on the Heterogeneity of Cancer Glycolysis. <i>Biomolecules and Therapeutics</i> , 2018, 26, 10-18.	1.1	28
1346	The antioxidant paradox. <i>Pharmacognosy Magazine</i> , 2019, 15, 173.	0.3	6
1347	Autophagy in Toxicology: Defense against Xenobiotics. <i>Journal of Drug Metabolism & Toxicology</i> , 2012, 3, .	0.1	2
1348	NRF2 and the Phase II Response in Acute Stress Resistance Induced by Dietary Restriction. , 2012, s4, .		43
1349	Targeting ROS for Cancer Therapy. <i>Chemotherapy</i> , 2016, 05, .	0.0	6
1350	NAD+ in Cancer Prevention and Treatment: Pros and Cons. <i>Journal of Clinical & Experimental Oncology</i> , 2016, 5, .	0.1	21
1351	Potential ability of xanthophylls to prevent obesity-associated cancer. <i>World Journal of Pharmacology</i> , 2014, 3, 140.	1.3	14
1352	CTRC gene polymorphism may increase pancreatic cancer risk – preliminary study. <i>Polski Przegląd Chirurgiczny</i> , 2017, 89, 48-53.	0.2	2
1353	Luteolin Sensitizes Two Oxaliplatin-Resistant Colorectal Cancer Cell Lines to Chemotherapeutic Drugs Via Inhibition of the Nrf2 Pathway. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 2911-2916.	0.5	95
1354	Quantification of microenvironmental metabolites in murine cancers reveals determinants of tumor nutrient availability. <i>ELife</i> , 2019, 8, .	2.8	350
1355	Cysteine dioxygenase 1 is a metabolic liability for non-small cell lung cancer. <i>ELife</i> , 2019, 8, .	2.8	69
1356	Clinicopathologic significance of CXCR4 and Nrf2 in colorectal cancer. <i>Journal of Biomedical Research</i> , 2013, 27, 283.	0.7	28

#	ARTICLE	IF	CITATIONS
1358	Nicotinic Acetylcholine Receptor Subunit $\alpha 7$ Mediates Cigarette Smoke-Induced PD-L1 Expression in Human Bronchial Epithelial Cells. <i>Cancers</i> , 2021, 13, 5345.	1.7	8
1360	Redox Regulation in Cancer Cells during Metastasis. <i>Cancer Discovery</i> , 2021, 11, 2682-2692.	7.7	64
1361	Metabolic regulation of the cancer-immunity cycle. <i>Trends in Immunology</i> , 2021, 42, 975-993.	2.9	28
1363	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
1364	Discovery of a cinnamyl piperidine derivative as new neddylation inhibitor for gastric cancer treatment. <i>European Journal of Medicinal Chemistry</i> , 2021, 226, 113896.	2.6	4
1365	The Salk Institute's 6th Mechanisms and Models of Cancer Symposium. <i>Interdisciplinary Bio Central</i> , 2012, 4, 1-16.	0.1	0
1366	Autophagy and Cancer Drug Discovery. , 2013, , 225-254.		0
1367	ROS production is required for follicle-stimulating hormone-induced Nrf2 activation in human epithelial ovarian cancer cells. <i>Academic Journal of Second Military Medical University</i> , 2013, 32, 935-939.	0.0	0
1368	Melanomagenic Gene Alterations Viewed from a Redox Perspective: Molecular Mechanisms and Therapeutic Opportunities. , 2015, , 285-309.		2
1370	Strategies to Target Pancreatic Cancer. , 2016, , 1-20.		0
1371	Reactive Oxygen Species in Melanoma Etiology. , 2016, , 259-275.		0
1372	Metabolism in Pancreatic Cancer. , 2017, , 1-22.		0
1373	Metabolism: The Sweet Spot in Melanoma Precision Medicine?. , 2018, , 1-24.		0
1376	Bioprospecting for Pharmaceuticals: An Overview and Vision for Future Access and Benefit Sharing. , 2019, , 17-34.		4
1377	Ferroptosis in Cancer Therapy. , 2019, , 303-324.		0
1378	Role of Mitochondria in Pancreatic Metabolism, Diabetes, and Cancer. , 2019, , 71-94.		0
1384	Profiling changes in metabolism and the immune microenvironment in lung tumorigenesis. <i>Annals of Translational Medicine</i> , 2019, 7, S90-S90.	0.7	0
1387	RAS-driven oncogenesis is supported by downstream antioxidant programs. <i>Molecular and Cellular Oncology</i> , 2020, 7, 1654814.	0.3	1

#	ARTICLE	IF	CITATIONS
1392	From cirrhosis to hepatocellular carcinoma An investigation into hepatitis C viral oncogenesis. Hepatology Forum, 2020, , 1-7.	0.3	1
1393	Pancreatic Ductal Adenocarcinoma and Type 2 Diabetes Mellitus: Distant Relatives or the Close Ones?. Diagnostics and Therapeutic Advances in GI Malignancies, 2020, , 209-237.	0.2	0
1395	Resveratrol mediates its anti-cancer effects by Nrf2 signaling pathway activation. Cancer Cell International, 2021, 21, 579.	1.8	18
1396	Oncogenic KRAS-Induced Feedback Inflammatory Signaling in Pancreatic Cancer: An Overview and New Therapeutic Opportunities. Cancers, 2021, 13, 5481.	1.7	11
1397	Nrf2/Keap1/ARE signaling: Towards specific regulation. Life Sciences, 2022, 291, 120111.	2.0	147
1398	Role of RKIP in the tumor response to photooxidative damage. , 2020, , 77-93.		1
1401	Molecular Mechanisms of Nrf2 in Inflammation: Interactions Between Nrf2 and Inflammatory Mediators. Agents and Actions Supplements, 2020, , 1-21.	0.2	0
1402	Potential Pharmacotherapeutic Phytochemicals from Zingiberaceae for Cancer Prevention. , 2020, , 221-281.		1
1403	Role of c-Met/HGF Axis in Altered Cancer Metabolism. , 2020, , 89-102.		1
1404	Nrf2 and Inflammation-Triggered Carcinogenesis. Agents and Actions Supplements, 2020, , 129-152.	0.2	1
1405	Nrf2 and the Nrf2-Interacting Network in Respiratory Inflammation and Diseases. Agents and Actions Supplements, 2020, , 51-76.	0.2	9
1407	Cisplatin Chemotherapy and Cochlear Damage: Otoprotective and Chemosensitization Properties of Polyphenols. Antioxidants and Redox Signaling, 2022, 36, 1229-1245.	2.5	9
1408	Interplay between Mitochondrial Metabolism and Cellular Redox State Dictates Cancer Cell Survival. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-20.	1.9	15
1409	HIF2 α promotes tumour growth in clear cell renal cell carcinoma by increasing the expression of NUDT1 to reduce oxidative stress. Clinical and Translational Medicine, 2021, 11, e592.	1.7	6
1410	The Antioxidant Transcription Factor Nrf2 in Cardiac Ischemiaâ€“Reperfusion Injury. International Journal of Molecular Sciences, 2021, 22, 11939.	1.8	30
1411	Cancer Cell Metabolism Featuring Nrf2. Current Drug Discovery Technologies, 2020, 17, 263-271.	0.6	2
1414	A mechanistically novel, first oral therapy for multiple sclerosis: the development of fingolimod (FTY720, Gilenya). Discovery Medicine, 2011, 12, 213-28.	0.5	139
1415	Correlation of Nrf2, NQO1, MRP1, cmyc and p53 in colorectal cancer and their relationships to clinicopathologic features and survival. International Journal of Clinical and Experimental Pathology, 2014, 7, 1124-31.	0.5	45

#	ARTICLE	IF	CITATIONS
1417	Glucocorticoid receptor antagonism overcomes resistance to BRAF inhibition in BRAF-mutated metastatic melanoma. <i>American Journal of Cancer Research</i> , 2019, 9, 2580-2598.	1.4	6
1418	Chiauranib selectively inhibits colorectal cancer with wild-type by modulation of ROS through activating the p53 signaling pathway. <i>American Journal of Cancer Research</i> , 2020, 10, 3666-3685.	1.4	2
1419	Suppresses Cell Proliferation and Apoptosis via Regulation of SIRT1/PGC-1 β /NRF2 Axis in Pancreatic Cancer. <i>Cell Journal</i> , 2021, 23, 199-210.	0.2	1
1421	Targeting Redox Signaling and ROS Metabolism in Cancer Treatment. , 2021, , 1-28.		0
1422	Functional foods, hormesis, and oxidative stress. , 2022, , 581-603.		0
1423	Activation of the NRF2 antioxidant program sensitizes tumors to G6PD inhibition. <i>Science Advances</i> , 2021, 7, eabk1023.	4.7	43
1424	Hydroxychloroquine synergizes with the PI3K inhibitor BKM120 to exhibit antitumor efficacy independent of autophagy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 374.	3.5	8
1425	UHPLC-MS/MS Analysis on Flavonoids Composition in <i>Astragalus membranaceus</i> and Their Antioxidant Activity. <i>Antioxidants</i> , 2021, 10, 1852.	2.2	18
1426	Mitochondrial Redox Metabolism: The Epicenter of Metabolism during Cancer Progression. <i>Antioxidants</i> , 2021, 10, 1838.	2.2	16
1427	Genetic and epigenetic regulation of the NRF2-KEAP1 pathway in human lung cancer. <i>British Journal of Cancer</i> , 2022, 126, 1244-1252.	2.9	17
1428	Dysregulation of Cytoskeleton Remodeling Drives Invasive Leading Cells Detachment. <i>Cancers</i> , 2021, 13, 5648.	1.7	6
1429	Tumour Microenvironment Stress Promotes the Development of Drug Resistance. <i>Antioxidants</i> , 2021, 10, 1801.	2.2	29
1430	Targeting Production of Reactive Oxygen Species as an Anticancer Strategy. <i>Anticancer Research</i> , 2021, 41, 5881-5902.	0.5	6
1431	Senolytic Phytocompounds in Redox Signaling. <i>Healthy Ageing and Longevity</i> , 2022, , 255-283.	0.2	3
1432	Therapeutic Influence on Important Targets Associated with Chronic Inflammation and Oxidative Stress in Cancer Treatment. <i>Cancers</i> , 2021, 13, 6062.	1.7	27
1433	Yin-Yang of Oxidative Stress in Pancreatic Cancers. , 2021, , 1-23.		0
1434	Mutant K-Ras Mediated Oxidative Stress in Pancreatic Cancer. , 2021, , 1-11.		0
1436	Signaling pathways and their potential therapeutic utility in esophageal squamous cell carcinoma. <i>Clinical and Translational Oncology</i> , 2022, 24, 1014-1032.	1.2	8

#	ARTICLE	IF	CITATIONS
1437	Plumbagin reduction by thioredoxin reductase 1 possesses synergy effects with GLUT1 inhibitor on KEAP1-mutant NSCLC cells. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112546.	2.5	10
1438	Environmental dose of 16 priority-controlled PAHs mixture induce damages of vascular endothelial cells involved in oxidative stress and inflammation. <i>Toxicology in Vitro</i> , 2022, 79, 105296.	1.1	17
1439	NRF2: KEAPing Tumors Protected. <i>Cancer Discovery</i> , 2022, 12, 625-643.	7.7	60
1440	Itâ€™s Getting Complicatedâ€”A Fresh Look at p53-MDM2-ARF Triangle in Tumorigenesis and Cancer Therapy. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 818744.	1.8	15
1441	Crosstalk between ferroptosis and the epithelial-mesenchymal transition: Implications for inflammation and cancer therapy. <i>Cytokine and Growth Factor Reviews</i> , 2022, 64, 33-45.	3.2	45
1442	Pathophysiological Integration of Metabolic Reprogramming in Breast Cancer. <i>Cancers</i> , 2022, 14, 322.	1.7	9
1443	The crosstalk between reactive oxygen species and noncoding RNAs: from cancer code to drug role. <i>Molecular Cancer</i> , 2022, 21, 30.	7.9	26
1444	Metabolic synthetic lethality by targeting NOP56 and mTOR in KRAS-mutant lung cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 25.	3.5	6
1445	Integrative clinical and molecular characterization of translocation renal cell carcinoma. <i>Cell Reports</i> , 2022, 38, 110190.	2.9	40
1446	HIF-1 and NRF2; Key Molecules for Malignant Phenotypes of Pancreatic Cancer. <i>Cancers</i> , 2022, 14, 411.	1.7	11
1447	Unraveling and targeting RAS-driven metabolic signaling for therapeutic gain. <i>Advances in Cancer Research</i> , 2022, 153, 267-304.	1.9	2
1448	The role of ROS in tumour development and progression. <i>Nature Reviews Cancer</i> , 2022, 22, 280-297.	12.8	453
1449	NAE modulators: A potential therapy for gastric carcinoma. <i>European Journal of Medicinal Chemistry</i> , 2022, 231, 114156.	2.6	5
1450	Targeting Redox Signaling and ROS Metabolism in Cancer Treatment. , 2022, , 1791-1818.		0
1451	ROS at the Intersection of Inflammation and Immunity in Cancer. , 2022, , 1023-1040.		0
1452	Reactive oxygen species: Key players in the anticancer effects of apigenin?. <i>Journal of Food Biochemistry</i> , 2022, 46, e14060.	1.2	6
1453	A nonparametric Bayesian method for dose finding in drug combinations cancer trials. <i>Statistics in Medicine</i> , 2022, , .	0.8	3
1454	The role of polyphenols in overcoming cancer drug resistance: a comprehensive review. <i>Cellular and Molecular Biology Letters</i> , 2022, 27, 1.	2.7	104

#	ARTICLE	IF	CITATIONS
1455	Characterization With KRAS Mutant Is a Critical Determinant in Immunotherapy and Other Multiple Therapies for Non-Small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 780655.	1.3	12
1456	BAP1 Downregulates NRF2 Target Genes and Exerts Anti-Tumorigenic Effects by Deubiquitinating KEAP1 in Lung Adenocarcinoma. <i>Antioxidants</i> , 2022, 11, 114.	2.2	3
1457	Atom-precise fluorescent copper cluster for tumor microenvironment targeting and transient chemodynamic cancer therapy. <i>Journal of Nanobiotechnology</i> , 2022, 20, 20.	4.2	6
1458	Pirin, an Nrf2-Regulated Protein, Is Overexpressed in Human Colorectal Tumors. <i>Antioxidants</i> , 2022, 11, 262.	2.2	8
1459	Licochalcone A Induces Cholangiocarcinoma Cell Death Via Suppression of Nrf2 and NF- κ B Signaling Pathways. <i>Asian Pacific Journal of Cancer Prevention</i> , 2022, 23, 115-123.	0.5	2
1460	Oxidative Stress and Cancer: Role of the Nrf2-Antioxidant Response Element Signaling Pathway. , 2022, , 957-973.		0
1461	Mutated RAS-associating proteins and ERK activation in relapse/refractory diffuse large B cell lymphoma. <i>Scientific Reports</i> , 2022, 12, 779.	1.6	1
1462	Mutant K-Ras-Mediated Oxidative Stress in Pancreatic Cancer. , 2022, , 1443-1453.		0
1463	Yin-Yang of Oxidative Stress in Pancreatic Cancers. , 2022, , 1521-1543.		0
1464	Oxidative Stress in Non-Alcoholic Fatty Liver Disease. <i>Livers</i> , 2022, 2, 30-76.	0.8	21
1465	The NRF2-dependent transcriptional axis, XRCC5/hTERT drives tumor progression and 5-Fu insensitivity in hepatocellular carcinoma. <i>Molecular Therapy - Oncolytics</i> , 2022, 24, 249-261.	2.0	6
1466	Comparative subcellular localization of NRF2 and KEAP1 during the hepatocellular carcinoma development in vivo. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2022, 1869, 119222.	1.9	2
1467	miR-196a Upregulation Contributes to Gefitinib Resistance through Inhibiting GLTP Expression. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1785.	1.8	4
1468	RAS-mediated tumor stress adaptation and the targeting opportunities it presents. <i>DMM Disease Models and Mechanisms</i> , 2022, 15, .	1.2	5
1469	Challenges for assessing replicability in preclinical cancer biology. <i>ELife</i> , 2021, 10, .	2.8	136
1470	Antioxidant in Cancer. , 2022, , 1-16.		1
1471	Urolithin A protects against acetaminophen-induced liver injury in mice via sustained activation of Nrf2. <i>International Journal of Biological Sciences</i> , 2022, 18, 2146-2162.	2.6	21
1472	Multi-omics analysis identifies distinct subtypes with clinical relevance in lung adenocarcinoma harboring <i>KEAP1</i> and <i>NFE2L2</i> . <i>Journal of Cancer</i> , 2022, 13, 1512-1522.	1.2	0

#	ARTICLE	IF	CITATIONS
1474	Synergistic TME-manipulation effects of a molybdenum-based polyoxometalate enhance the PTT effects on cancer cells. <i>New Journal of Chemistry</i> , 2022, 46, 6932-6939.	1.4	3
1475	Role of Stem Cells and Reactive Oxygen Species in Cancer. , 2022, , 1-16.		0
1476	Translational Reprogramming of mRNA in Oxidative Stress and Cancer. , 2022, , 1-15.		0
1478	High expression of nuclear NRF2 combined with NFE2L2 alterations predicts poor prognosis in esophageal squamous cell carcinoma patients. <i>Modern Pathology</i> , 2022, 35, 929-937.	2.9	12
1479	4-Octyl Itaconate Prevents Free Fatty Acid-Induced Lipid Metabolism Disorder through Activating Nrf2-AMPK Signaling Pathway in Hepatocytes. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-15.	1.9	11
1480	Oxidative Stress and Cancer Heterogeneity Orchestrate NRF2 Roles Relevant for Therapy Response. <i>Molecules</i> , 2022, 27, 1468.	1.7	14
1481	Novel insight into pancreatic adenocarcinoma pathogenesis using liquid association analysis. <i>BMC Medical Genomics</i> , 2022, 15, 30.	0.7	2
1482	Possible role of nuclear factor erythroid 2-related factor 2 in the progression of human colon precancerous lesions. <i>Digestive and Liver Disease</i> , 2022, 54, 1716-1720.	0.4	3
1483	Two Faces of Nrf2 in Cancer. , 0, , .		0
1484	Methods for CRISPR-Cas as Ribonucleoprotein Complex Delivery In Vivo. <i>Molecular Biotechnology</i> , 2023, 65, 181-195.	1.3	5
1485	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
1486	Combinatorial Effects of the Natural Products Arctigenin, Chlorogenic Acid, and Cinnamaldehyde Commit Oxidation Assassination on Breast Cancer Cells. <i>Antioxidants</i> , 2022, 11, 591.	2.2	11
1487	The Influence of Oncogenic RAS on Chemotherapy and Radiotherapy Resistance Through DNA Repair Pathways. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 751367.	1.8	12
1488	The Impact of NRF2 Inhibition on Drug-Induced Colon Cancer Cell Death and p53 Activity: A Pilot Study. <i>Biomolecules</i> , 2022, 12, 461.	1.8	17
1489	Review on NAD(P)H dehydrogenase quinone 1 (NQO1) pathway. <i>Molecular Biology Reports</i> , 2022, 49, 8907-8924.	1.0	16
1490	HIV-1-Mediated Acceleration of Oncovirus-Related Non-AIDS-Defining Cancers. <i>Biomedicines</i> , 2022, 10, 768.	1.4	4
1492	Autophagy, Oxidative Stress and Cancer Development. <i>Cancers</i> , 2022, 14, 1637.	1.7	20
1493	Brucein D augments the chemosensitivity of gemcitabine in pancreatic cancer via inhibiting the Nrf2 pathway. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, 90.	3.5	4

#	ARTICLE	IF	CITATIONS
1494	Transsulfuration, minor player or crucial for cysteine homeostasis in cancer. <i>Trends in Cell Biology</i> , 2022, 32, 800-814.	3.6	41
1495	NRF2 and Key Transcriptional Targets in Melanoma Redox Manipulation. <i>Cancers</i> , 2022, 14, 1531.	1.7	17
1496	KEAP1-Mutant NSCLC: The Catastrophic Failure of a Cell-Protecting Hub. <i>Journal of Thoracic Oncology</i> , 2022, 17, 751-757.	0.5	21
1497	Role of NRF2 in Ovarian Cancer. <i>Antioxidants</i> , 2022, 11, 663.	2.2	58
1498	Teriparatide induces angiogenesis in ischemic cerebral infarction zones of rats through AC/PKA signaling and reduces ischemia-reperfusion injury. <i>Biomedicine and Pharmacotherapy</i> , 2022, 148, 112728.	2.5	4
1499	NADPH metabolism determines the leukemogenic capacity and drug resistance of AML cells. <i>Cell Reports</i> , 2022, 39, 110607.	2.9	7
1500	The TIAR-mediated Nrf2 response to oxidative stress is mediated through the Nrf2 noncoding 3'untranslated region in <i>Spodoptera litura</i> . <i>Free Radical Biology and Medicine</i> , 2022, 184, 17-29.	1.3	2
1501	Myoglobin: From physiological roles to potential implications in cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2022, 1877, 188706.	3.3	10
1502	Brusatol inhibits the invasion and migration of pancreatic cancer cells by suppressing the NRF2/NF- κ B/STAT3 signal cascade. <i>Journal of Functional Foods</i> , 2022, 92, 105024.	1.6	2
1503	Sitokalsin B Tedavisi, Nrf2 Sinyal Yoluyla U87 Glioblastoma H $\frac{1}{4}$ crelerinde Anti-Proliferatif Etkiler G $\frac{1}{4}$ sterdi. <i>Celal Bayar \ddot{A}oeniversitesi Sa\ddot{A}l\ddot{A}k Bilimleri Enstit\ddot{A}s$\frac{1}{4}$ Dergisi</i> , 0, , .	0.1	0
1504	Ultrasound-Controlled CRISPR/Cas9 System Augments Sonodynamic Therapy of Hepatocellular Carcinoma. <i>ACS Central Science</i> , 2021, 7, 2049-2062.	5.3	44
1505	Proteome analysis of NRF2 inhibition in melanoma reveals CD44 up \hat{a} regulation and increased apoptosis resistance upon vemurafenib treatment. <i>Cancer Medicine</i> , 2022, 11, 956-967.	1.3	7
1506	Hippo Pathway in Regulating Drug Resistance of Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13431.	1.8	15
1507	Role of Nrf2 in Pancreatic Cancer. <i>Antioxidants</i> , 2022, 11, 98.	2.2	14
1508	Estrogen-Related Receptor $\hat{1}$ 3 Maintains Pancreatic Acinar Cell Function and Identity by Regulating Cellular Metabolism. <i>Gastroenterology</i> , 2022, 163, 239-256.	0.6	7
1509	The Potential Role of Mitochondrial Acetaldehyde Dehydrogenase 2 in Urological Cancers From the Perspective of Ferroptosis and Cellular Senescence. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 850145.	1.8	2
1510	Nrf2 as a modulator of oxidative stress. <i>Al Mustansiriyah Journal of Pharmaceutical Sciences</i> , 2022, 21, 17-23.	0.3	2
1511	Nuclear Factor Erythroid-2 Linked Factor (Nrf2) as a Potential Mediator of Hepatotoxicity. <i>Al Mustansiriyah Journal of Pharmaceutical Sciences</i> , 2022, 21, 12-16.	0.3	1

#	ARTICLE	IF	CITATIONS
1512	Mitochondrial Calcium Uniporter Drives Metastasis and Confers a Targetable Cystine Dependency in Pancreatic Cancer. <i>Cancer Research</i> , 2022, 82, 2254-2268.	0.4	36
1513	Nrf2-Mediated Ferroptosis Inhibition Exerts a Protective Effect on Acute-on-Chronic Liver Failure. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-23.	1.9	17
1514	Mitochondrial Dysfunction Pathway Alterations Offer Potential Biomarkers and Therapeutic Targets for Ovarian Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-22.	1.9	11
1518	Ferroptosis is induced by lenvatinib through fibroblast growth factor receptor α 4 inhibition in hepatocellular carcinoma. <i>Cancer Science</i> , 2022, 113, 2272-2287.	1.7	35
1519	Association of Nrf2 expression and mutation with Weiss and Helsinki scores in adrenocortical carcinoma. <i>Cancer Science</i> , 2022, , .	1.7	1
1521	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
1522	Role of Nrf2 Signaling Cascade in Breast Cancer: Strategies and Treatment. <i>Frontiers in Pharmacology</i> , 2022, 13, 720076.	1.6	27
1523	Potential effects and mechanisms of Chinese herbal medicine in the treatment of psoriasis. <i>Journal of Ethnopharmacology</i> , 2022, 294, 115275.	2.0	11
1524	Tumor Promoting Effects of Sulforaphane on Diethylnitrosamine-Induced Murine Hepatocarcinogenesis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5397.	1.8	2
1525	Nrf2 activation contributes to hepatic tumor-augmenting effects of developmental arsenic exposure. <i>Science of the Total Environment</i> , 2022, 837, 155685.	3.9	4
1526	Systematic discovery of mutation-directed neo-protein-protein interactions in cancer. <i>Cell</i> , 2022, 185, 1974-1985.e12.	13.5	17
1527	Current Pathology Model of Pancreatic Cancer. <i>Cancers</i> , 2022, 14, 2321.	1.7	9
1528	Integrated Bioinformatic Analysis Reveals TXNRD1 as a Novel Biomarker and Potential Therapeutic Target in Idiopathic Pulmonary Arterial Hypertension. <i>Frontiers in Medicine</i> , 2022, 9, .	1.2	9
1529	Photosensitization of pancreatic cancer cells by cationic alkyl-porphyrins in free form or engrafted into POPC liposomes: The relationship between delivery mode and mechanism of cell death. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 231, 112449.	1.7	5
1530	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
1531	Genomic landscape of chemical-induced lung tumors under Nrf2 different expression levels. <i>Carcinogenesis</i> , 2022, , .	1.3	0
1532	Astilbin Activates the Reactive Oxidative Species/PPAR β Pathway to Suppress Effector CD4 ⁺ T Cell Activities via Direct Binding With Cytochrome P450 1B1. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	4
1533	Melatonin improves arsenic-induced hypertension through the inactivation of the Sirt1/autophagy pathway in rat. <i>Biomedicine and Pharmacotherapy</i> , 2022, 151, 113135.	2.5	13

#	ARTICLE	IF	CITATIONS
1534	Post-Translational Modifications of p53 in Ferroptosis: Novel Pharmacological Targets for Cancer Therapy. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	9
1535	NFE2L3 as a Novel Biomarker Associated With IL-2/STAT5/NLRP3 Signaling Pathway in Malignant Pleural Mesothelioma and Other Cancers. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	0
1536	mTORC1-Inhibition Potentiating Metabolic Block by Tyrosine Kinase Inhibitor Ponatinib in Multiple Myeloma. <i>Cancers</i> , 2022, 14, 2766.	1.7	3
1537	A CRISPR screen identifies redox vulnerabilities for KEAP1/NRF2 mutant non-small cell lung cancer. <i>Redox Biology</i> , 2022, 54, 102358.	3.9	4
1538	Targeting Reactive Oxygen Species (ROS) for Cancer Therapy. , 2022, , 1-16.		0
1539	Base excision repair accessory factors in senescence avoidance and resistance to treatments. <i>Cancer Drug Resistance (Alhambra, Calif)</i> , 2022, 5, 703-20.	0.9	2
1540	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
1541	Biomarkers in Primary Focal Segmental Glomerulosclerosis in Optimal Diagnostic-Therapeutic Strategy. <i>Journal of Clinical Medicine</i> , 2022, 11, 3292.	1.0	7
1542	Synthesis of a versatile mitochondria-targeting small molecule for cancer near-infrared fluorescent imaging and radio/photodynamic/photothermal synergistic therapies. <i>Materials Today Bio</i> , 2022, 15, 100316.	2.6	6
1543	Nonalcoholic steatohepatitis and mechanisms by which it is ameliorated by activation of the CNC-bZIP transcription factor Nrf2. <i>Free Radical Biology and Medicine</i> , 2022, 188, 221-261.	1.3	24
1544	The Therapeutic Activities of Metformin: Focus on the Nrf2 Signaling Pathway and Oxidative Stress Amelioration. <i>Current Molecular Pharmacology</i> , 2023, 16, 331-345.	0.7	2
1545	Methionine oxidation activates pyruvate kinase M2 to promote pancreatic cancer metastasis. <i>Molecular Cell</i> , 2022, 82, 3045-3060.e11.	4.5	26
1546	Recent Advances in the Role of Nuclear Factor Erythroid-2-Related Factor 2 in Spinal Cord Injury: Regulatory Mechanisms and Therapeutic Options. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	5
1547	Synthetic Vulnerabilities in the KRAS Pathway. <i>Cancers</i> , 2022, 14, 2837.	1.7	3
1548	Role of Nrf2 in bisphenol effects: a review study. <i>Environmental Science and Pollution Research</i> , 0, , .	2.7	6
1550	Mechanisms used by cancer cells to tolerate drug-induced replication stress. <i>Cancer Letters</i> , 2022, 544, 215804.	3.2	4
1551	Molecular mechanisms of ferroptosis and its role in prostate cancer therapy. <i>Critical Reviews in Oncology/Hematology</i> , 2022, 176, 103732.	2.0	18
1552	Applications of resveratrol in the treatment of gastrointestinal cancer. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113274.	2.5	15

#	ARTICLE	IF	CITATIONS
1553	Combination of RNase Binase and AKT1/2 Kinase Inhibitor Blocks Two Alternative Survival Pathways in Kasumi-1 Cells. <i>Molecular Biology</i> , 0, , .	0.4	0
1554	Limited nutrient availability in the tumor microenvironment renders pancreatic tumors sensitive to allosteric IDH1 inhibitors. <i>Nature Cancer</i> , 2022, 3, 852-865.	5.7	37
1555	Green Tea Polyphenols Cause Apoptosis and Autophagy in HPV-16 Subgene-Immortalized Human Cervical Epithelial Cells via the Activation of the Nrf2 Pathway. <i>Nutrition and Cancer</i> , 0, , 1-10.	0.9	3
1556	A comprehensive insight into effects of resveratrol on molecular mechanism in rheumatoid arthritis: A literature systematic review. <i>International Journal of Rheumatic Diseases</i> , 2022, 25, 827-843.	0.9	8
1557	An update of Nrf2 activators and inhibitors in cancer prevention/promotion. <i>Cell Communication and Signaling</i> , 2022, 20, .	2.7	36
1558	Therapeutic Intervention in Cancer by Isoliquiritigenin from Licorice: A Natural Antioxidant and Redox Regulator. <i>Antioxidants</i> , 2022, 11, 1349.	2.2	15
1559	Orlistat, a competitive lipase inhibitor used as an antiobesity remedy, enhances inflammatory reactions in the intestine. <i>Applied Biological Chemistry</i> , 2022, 65, .	0.7	2
1560	Regulation of VEGFA, KRAS, and NFE2L2 Oncogenes by MicroRNAs in Head and Neck Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7483.	1.8	5
1561	Connecting Metabolic Rewiring With Phenotype Switching in Melanoma. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	9
1562	Tumor-microenvironment activated duplex genome-editing nanoprodug for sensitized near-infrared titania phototherapy. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 4224-4234.	5.7	10
1563	Metabolic Adaptation-Mediated Cancer Survival and Progression in Oxidative Stress. <i>Antioxidants</i> , 2022, 11, 1324.	2.2	8
1564	Nrf2 Knockout Affected the Ferroptosis Signaling Pathway against Cisplatin-Induced Hair Cell-Like HEI-OC1 Cell Death. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-15.	1.9	4
1565	The molecular biology and therapeutic potential of Nrf2 in leukemia. <i>Cancer Cell International</i> , 2022, 22, .	1.8	13
1566	HIF1, HSF1, and NRF2: Oxidant-Responsive Trio Raising Cellular Defenses and Engaging Immune System. <i>Chemical Research in Toxicology</i> , 2022, 35, 1690-1700.	1.7	13
1567	Drosophila as a toolkit to tackle cancer and its metabolism. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	5
1568	Hormesis and Oxidative Distress: Pathophysiology of Reactive Oxygen Species and the Open Question of Antioxidant Modulation and Supplementation. <i>Antioxidants</i> , 2022, 11, 1613.	2.2	10
1570	The role of ferroptosis in esophageal cancer. <i>Cancer Cell International</i> , 2022, 22, .	1.8	8
1571	Genetic, metabolic and immunological features of cancers with <sc>NRF2</sc> addiction. <i>FEBS Letters</i> , 2022, 596, 1981-1993.	1.3	5

#	ARTICLE	IF	CITATIONS
1572	Genetic alterations of Keap1 confers chemotherapeutic resistance through functional activation of Nrf2 and Notch pathway in head and neck squamous cell carcinoma. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	9
1573	AMPK and NRF2: Interactive players in the same team for cellular homeostasis?. <i>Free Radical Biology and Medicine</i> , 2022, 190, 75-93.	1.3	30
1574	Surface chemistry driven selective anticancer potential of functional silver nanoparticles toward lung cancer cells. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 652, 129809.	2.3	4
1575	Role of Stem Cells and Reactive Oxygen Species in Cancer. , 2022, , 2117-2132.		0
1576	The Effect of Oxidative Nutritional Products on Cancer. , 2022, , 637-651.		0
1577	Genetic Factors Contributing ROS-Driven Chemotherapy and Drug Resistance in Cancer. , 2022, , 3345-3361.		0
1578	Targeting Reactive Oxygen Species (ROS) for Cancer Therapy. , 2022, , 3181-3196.		0
1579	Antioxidant in Cancer. , 2022, , 65-80.		0
1580	Targeting the Transcription Factors of ROS Tumorigenic Pathways as a Therapeutic Strategy in Cancer. , 2022, , 4003-4021.		0
1581	Translational Reprogramming of mRNA in Oxidative Stress and Cancer. , 2022, , 3925-3939.		0
1582	Targeting Oxidative Stress Specific NRF2 in Pancreatic Cancer Stem Cells. , 2022, , 2021-2041.		0
1583	The Effect of Oxidative Nutritional Products on Cancer. , 2022, , 1-15.		0
1585	Typical Enhancers, Super-Enhancers, and Cancers. <i>Cancers</i> , 2022, 14, 4375.	1.7	9
1586	KEAP1â€NRF2 proteinâ€protein interaction inhibitors: Design, pharmacological properties and therapeutic potential. <i>Medicinal Research Reviews</i> , 2023, 43, 237-287.	5.0	46
1589	Nrf2 induces malignant transformation of hepatic progenitor cells by inducing β -catenin expression. <i>Redox Biology</i> , 2022, 57, 102453.	3.9	4
1590	Reactive Oxygen Species and Long Non-Coding RNAs, an Unexpected Crossroad in Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 10133.	1.8	4
1591	Multistageâ€Responsive Gene Editing to Sensitize Ionâ€Interference Enhanced Carbon Monoxide Gas Therapy. <i>Small</i> , 2022, 18, .	5.2	10
1592	A major role for Nrf2 transcription factors in cell transformation by KSHV encoded oncogenes. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	1

#	ARTICLE	IF	CITATIONS
1593	Understanding the Role of NRF2 Signalling in Cancer. <i>Current Protein and Peptide Science</i> , 2022, 23, 672-683.	0.7	2
1594	Signaling pathways and targeted therapies in lung squamous cell carcinoma: mechanisms and clinical trials. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	33
1595	Accelerating skin regeneration and wound healing by controlled ROS from photodynamic treatment. <i>Inflammation and Regeneration</i> , 2022, 42, .	1.5	36
1596	Stem Cells: Therapeutic Implications in Chemotherapy and Radiotherapy Resistance in Cancer Therapy. <i>Current Stem Cell Research and Therapy</i> , 2023, 18, 750-765.	0.6	3
1597	Novel NRF2-activated cancer treatments utilizing synthetic lethality. <i>IUBMB Life</i> , 2022, 74, 1209-1231.	1.5	7
1598	Significance of NRF2 in physiological and pathological conditions an comprehensive review. <i>Archives of Biochemistry and Biophysics</i> , 2022, 730, 109417.	1.4	15
1599	Prognostic significance of ferroptosis pathway gene signature and correlation with macrophage infiltration in cervical squamous cell carcinoma. <i>International Immunopharmacology</i> , 2022, 112, 109273.	1.7	11
1600	Genetic Factors Contributing ROS-Driven Chemotherapy and Drug Resistance in Cancer. , 2021, , 1-17.		0
1601	A vinyl-decorated covalent organic framework for ferroptotic cancer therapy via visible-light-triggered cysteine depletion. <i>Journal of Materials Chemistry B</i> , 2022, 10, 8894-8909.	2.9	10
1602	HERC2 deficiency activates C-RAF/MKK3/p38 signalling pathway altering the cellular response to oxidative stress. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, .	2.4	3
1603	Sanguinarine protects against indomethacin-induced small intestine injury in rats by regulating the Nrf2/NF- κ B pathways. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	5
1604	Therapeutic poly(amino acid)s as drug carriers for cancer therapy. <i>Chinese Chemical Letters</i> , 2023, 34, 107953.	4.8	9
1605	Effects of Noonan Syndrome-Germline Mutations on Mitochondria and Energy Metabolism. <i>Cells</i> , 2022, 11, 3099.	1.8	5
1606	Nrf2 Modulation in Breast Cancer. <i>Biomedicines</i> , 2022, 10, 2668.	1.4	39
1607	FOXO1 regulates pentose phosphate pathway-mediated induction of developmental erythropoiesis. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	3
1608	The RSL3 Induction of KLK Lung Adenocarcinoma Cell Ferroptosis by Inhibition of USP11 Activity and the NRF2-GSH Axis. <i>Cancers</i> , 2022, 14, 5233.	1.7	5
1609	Combined Targeting of the Glutathione and Thioredoxin Antioxidant Systems in Pancreatic Cancer. <i>ACS Pharmacology and Translational Science</i> , 2022, 5, 1070-1078.	2.5	5
1610	Biomarker-Targeted Therapies in Non-Small Cell Lung Cancer: Current Status and Perspectives. <i>Cells</i> , 2022, 11, 3200.	1.8	15

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1611	The <i>NRF2</i> antagonist <i>ML385</i> inhibits <i>PI3K/mTOR</i> signaling and growth of lung squamous cell carcinoma cells. <i>Cancer Medicine</i> , 2023, 12, 5688-5702.	1.3	9
1612	<i>NFE2L3</i> as a Potential Functional Gene Regulating Immune Microenvironment in Human Kidney Cancer. <i>BioMed Research International</i> , 2022, 2022, 1-17.	0.9	2
1613	The Association of Polymorphisms in Genes Encoding Antioxidant Enzymes <i>GPX1</i> (rs1050450), <i>SOD2</i> (rs4880) and Transcriptional Factor <i>Nrf2</i> (rs6721961) with the Risk and Development of Prostate Cancer. <i>Medicina (Lithuania)</i> , 2022, 58, 1414.	0.8	7
1614	Kelch-like proteins in the gastrointestinal tumors. <i>Acta Pharmacologica Sinica</i> , 0, , .	2.8	1
1615	Dysregulation of <i>SOX17/NRF2</i> axis confers chemoradiotherapy resistance and emerges as a novel therapeutic target in esophageal squamous cell carcinoma. <i>Journal of Biomedical Science</i> , 2022, 29, .	2.6	6
1616	The Emerging Role of MicroRNAs and Autophagy Mechanism in Pancreatic Cancer Progression: Future Therapeutic Approaches. <i>Genes</i> , 2022, 13, 1868.	1.0	4
1617	Effects of exogenous taurine supplementation on the growth, antioxidant capacity, intestine immunity, and resistance against <i>Streptococcus agalactiae</i> in juvenile golden pompano (<i>Trachinotus</i>) <i>TJ ETQq0 0 0 2gBT /Overclock 10 Tf</i>	1.8	1
1618	Oltipraz, the activator of nuclear factor erythroid 2-related factor 2 (<i>Nrf2</i>), protects against the formation of BAPN-induced aneurysms and dissection of the thoracic aorta in mice by inhibiting activation of the ROS-mediated <i>NLRP3</i> inflammasome. <i>European Journal of Pharmacology</i> , 2022, 936, 175361.	1.7	4
1619	A cascading-response fluorescent probe for real-time pH monitoring during cysteine-depletion process in pancreatic cancer cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	2
1620	Targeting mitochondrial dysfunctions in pancreatic cancer evokes new therapeutic opportunities. <i>Critical Reviews in Oncology/Hematology</i> , 2022, 180, 103858.	2.0	7
1621	<i>RAS</i> : Circuitry and therapeutic targeting. <i>Cellular Signalling</i> , 2023, 101, 110505.	1.7	1
1622	Receptor activator of nuclear factor- κ B ligand-mediated osteoclastogenesis signaling pathway and related therapeutic natural compounds. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	6
1623	Oncogenic <i>KRAS</i> triggers metabolic reprogramming in pancreatic ductal adenocarcinoma. <i>Journal of Translational Internal Medicine</i> , 2022, .	1.0	2
1624	<i>BCL6</i> is regulated by the <i>MAPK/ELK1</i> axis and promotes <i>KRAS</i> -driven lung cancer. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	8
1625	A Prognostic Risk Model of a Novel Oxidative Stress-Related Signature Predicts Clinical Prognosis and Demonstrates Immune Relevancy in Lung Adenocarcinoma. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-43.	1.9	2
1626	Overactivated <i>NRF2</i> induces pseudohypoxia in hepatocellular carcinoma by stabilizing <i>HIF-1α</i> . <i>Free Radical Biology and Medicine</i> , 2023, 194, 347-356.	1.3	11
1627	Metabolic switch in cancer "Survival of the fittest". <i>European Journal of Cancer</i> , 2023, 180, 30-51.	1.3	9
1628	<i>Nrf2</i> suppresses erastin-induced ferroptosis through activating system <i>Xc(-)</i> in ovarian cancer. <i>Molecular and Cellular Toxicology</i> , 2024, 20, 85-95.	0.8	2

#	ARTICLE	IF	CITATIONS
1629	Elevated FSP1 protects KRAS-mutated cells from ferroptosis during tumor initiation. <i>Cell Death and Differentiation</i> , 2023, 30, 442-456.	5.0	35
1630	Initial clinical and experimental analyses of ALDOA in gastric cancer, as a novel prognostic biomarker and potential therapeutic target. <i>Clinical and Experimental Medicine</i> , 0, , .	1.9	1
1631	Redox Dyshomeostasis with Dual Stimuli-Activatable Dihydroartemisinin Nanoparticles to Potentiate Ferroptotic Therapy of Pancreatic Cancer. <i>Small Methods</i> , 2023, 7, .	4.6	15
1632	Triptolide promotes ferroptosis by suppressing Nrf2 to overcome leukemia cell resistance to doxorubicin. <i>Molecular Medicine Reports</i> , 2022, 27, .	1.1	7
1633	Emerging current trends and research focus related to pancreatic cancer metabolism: A bibliometric and visualized analysis. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	3
1634	Blockage of Nrf2 and autophagy by L-selenocystine induces selective death in Nrf2-addicted colorectal cancer cells through p62-Keap-1-Nrf2 axis. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	5
1635	Targeting cell death pathways for cancer therapy: recent developments in necroptosis, pyroptosis, ferroptosis, and cuproptosis research. <i>Journal of Hematology and Oncology</i> , 2022, 15, .	6.9	138
1636	Effects of Curcumin on Changes in Spermatogenic Cells of Rats Treated with Cisplatin. <i>Medical Laboratory Technology Journal</i> , 0, , .	0.1	0
1637	NRF2 and the Moirai: Life and Death Decisions on Cell Fates. <i>Antioxidants and Redox Signaling</i> , 0, , .	2.5	1
1638	SLC7A11 as a Gateway of Metabolic Perturbation and Ferroptosis Vulnerability in Cancer. <i>Antioxidants</i> , 2022, 11, 2444.	2.2	20
1639	G-quadruplexes sense natural porphyrin metabolites for regulation of gene transcription and chromatin landscapes. <i>Genome Biology</i> , 2022, 23, .	3.8	8
1640	Co-occurring KEAP1 and TP53 mutations in lung squamous cell carcinoma induced primary resistance to thoracic radiotherapy: A case report. <i>Thoracic Cancer</i> , 0, , .	0.8	2
1641	Lipid Metabolic Alterations in KRAS Mutant Tumors: Unmasking New Vulnerabilities for Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2023, 24, 1793.	1.8	2
1642	Erk1/2-Dependent HNSCC Cell Susceptibility to Erastin-Induced Ferroptosis. <i>Cells</i> , 2023, 12, 336.	1.8	2
1644	Natural product manoalide promotes EGFR-TKI sensitivity of lung cancer cells by KRAS-ERK pathway and mitochondrial Ca ²⁺ overload-induced ferroptosis. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	6
1645	CRISPR/Cas9-based genome editing for multimodal synergistic cancer nanotherapy. <i>Nano Today</i> , 2023, 48, 101734.	6.2	5
1646	NRF2 in Cancer: Cross-Talk with Oncogenic Pathways and Involvement in Gammaherpesvirus-Driven Carcinogenesis. <i>International Journal of Molecular Sciences</i> , 2023, 24, 595.	1.8	9
1647	Harnessing Redox Disruption to Treat Human Herpesvirus 8 (HHV-8) Related Malignancies. <i>Antioxidants</i> , 2023, 12, 84.	2.2	3

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1649	SOCS1 Deficiency Promotes Hepatocellular Carcinoma via SOCS3-Dependent CDKN1A Induction and NRF2 Activation. <i>Cancers</i> , 2023, 15, 905.	1.7	4
1650	Cellular senescence in malignant cells promotes tumor progression in mouse and patient Glioblastoma. <i>Nature Communications</i> , 2023, 14, .	5.8	19
1651	Survival Mechanisms of Metastatic Melanoma Cells: The Link between Glucocorticoids and the Nrf2-Dependent Antioxidant Defense System. <i>Cells</i> , 2023, 12, 418.	1.8	4
1652	The Regulatory Effect of Phytochemicals on Chronic Diseases by Targeting Nrf2-ARE Signaling Pathway. <i>Antioxidants</i> , 2023, 12, 236.	2.2	10
1653	LKB1-Dependent Regulation of TPI1 Creates a Divergent Metabolic Liability between Human and Mouse Lung Adenocarcinoma. <i>Cancer Discovery</i> , 2023, 13, 1002-1025.	7.7	5
1654	The Role of CD38 in the Pathogenesis of Cardiorenal Metabolic Disease and Aging, an Approach from Basic Research. <i>Cells</i> , 2023, 12, 595.	1.8	2
1656	Compound 275# Induces Mitochondria-Mediated Apoptosis and Autophagy Initiation in Colorectal Cancer Cells through an Accumulation of Intracellular ROS. <i>Molecules</i> , 2023, 28, 3211.	1.7	0
1657	Overexpression of KrÄ¼ppel-Like Factor 9 Enhances the Antitumor Properties of Paclitaxel in Malignant Melanoma-Derived Cell Lines. <i>Pharmaceuticals</i> , 2023, 16, 557.	1.7	0
1658	The role of amino acid metabolism alterations in pancreatic cancer: From mechanism to application. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2023, 1878, 188893.	3.3	7
1659	Antioxidants-related nuclear factor erythroid 2-related factor 2 gene variants associated with HBV-related liver disease. <i>Cancer Cell International</i> , 2023, 23, .	1.8	1
1660	FAM117B promotes gastric cancer growth and drug resistance by targeting the KEAP1/NRF2 signaling pathway. <i>Journal of Clinical Investigation</i> , 2023, 133, .	3.9	15
1661	NRF2 controls iron homeostasis and ferroptosis through HERC2 and VAMP8. <i>Science Advances</i> , 2023, 9, .	4.7	70
1662	Shu-Xie decoction alleviates oxidative stress and colon injury in acute sleep-deprived mice by suppressing p62/KEAP1/NRF2/HO1/NQO1 signaling. <i>Frontiers in Pharmacology</i> , 0, 14, .	1.6	2
1663	The dual role of Nrf2 in melanoma: a systematic review. <i>BMC Molecular and Cell Biology</i> , 2023, 24, .	1.0	4
1664	The role and regulation of Maf proteins in cancer. <i>Biomarker Research</i> , 2023, 11, .	2.8	5
1665	GPX3 expression was down-regulated but positively correlated with poor outcome in human cancers. <i>Frontiers in Oncology</i> , 0, 13, .	1.3	4
1666	Functionalized Fluorescent Nanostructures Generated from Self-Assembly of a Cationic Tripeptide Direct Cell-Selective Chemotherapeutic Drug Delivery. <i>ACS Applied Bio Materials</i> , 2023, 6, 836-847.	2.3	2
1667	MEK1 drives oncogenic signaling and interacts with PARP1 for genomic and metabolic homeostasis in malignant pleural mesothelioma. <i>Cell Death Discovery</i> , 2023, 9, .	2.0	4

#	ARTICLE	IF	CITATIONS
1668	Mechanical Regulation of Redox Balance via the Induction of the PIN1/NRF2/ARE Axis in Pancreatic Cancer. <i>International Journal of Molecular Sciences</i> , 2023, 24, 3476.	1.8	0
1670	Noncoding RNAs Controlling Oxidative Stress in Cancer. <i>Cancers</i> , 2023, 15, 1155.	1.7	1
1671	Reactive Oxygen Species as Mediators of Disease Progression and Therapeutic Response in Colorectal Cancer. <i>Antioxidants and Redox Signaling</i> , 2023, 39, 186-205.	2.5	3
1672	Terminators or Guardians? Design, Synthesis, and Cytotoxicity Profiling of Chalcone-Sulfonamide Hybrids. <i>ACS Omega</i> , 2023, 8, 7666-7683.	1.6	9
1673	Glutamine deprivation induces ferroptosis in pancreatic cancer cells. <i>Acta Biochimica Et Biophysica Sinica</i> , 2023, 55, 1288-1300.	0.9	5
1674	Redox signaling in drug-tolerant persister cells as an emerging therapeutic target. <i>EBioMedicine</i> , 2023, 89, 104483.	2.7	15
1675	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
1677	The interplay of oncogenic signaling, oxidative stress and ferroptosis in cancer. <i>International Journal of Cancer</i> , 2023, 153, 918-931.	2.3	13
1678	A small-molecule inhibitor of Keap1-Nrf2 interaction attenuates sepsis by selectively augmenting the antibacterial defence of macrophages at infection sites. <i>EBioMedicine</i> , 2023, 90, 104480.	2.7	8
1679	Puromycin Prodrug Activation by Thioredoxin Reductase Overcomes Its Promiscuous Cytotoxicity. <i>Journal of Medicinal Chemistry</i> , 2023, 66, 3250-3261.	2.9	4
1680	Antioxidants prevent particulate matter-induced senescence of lung fibroblasts. <i>Heliyon</i> , 2023, 9, e14179.	1.4	1
1681	Targeting Mitochondrial Metabolic Reprogramming as a Potential Approach for Cancer Therapy. <i>International Journal of Molecular Sciences</i> , 2023, 24, 4954.	1.8	8
1682	An 8q24 Gain in Pancreatic Juice Is a Candidate Biomarker for the Detection of Pancreatic Cancer. <i>International Journal of Molecular Sciences</i> , 2023, 24, 5097.	1.8	1
1683	Oxidative versus Reductive Stress in Breast Cancer Development and Cellular Mechanism of Alleviation: A Current Perspective with Anti-breast Cancer Drug Resistance. <i>Current Molecular Medicine</i> , 2024, 24, 205-216.	0.6	1
1684	Targeting KRAS in pancreatic cancer: Emerging therapeutic strategies. <i>Advances in Cancer Research</i> , 2023, , 145-184.	1.9	5
1685	Ferroptosis in pancreatic diseases: potential opportunities and challenges that require attention. <i>Human Cell</i> , 0, , .	1.2	0
1686	The Nrf2 Pathway in Depressive Disorders: A Systematic Review of Animal and Human Studies. <i>Antioxidants</i> , 2023, 12, 817.	2.2	5
1687	Hyaluronan and Reactive Oxygen Species Signaling—Novel Cues from the Matrix?. <i>Antioxidants</i> , 2023, 12, 824.	2.2	16

#	ARTICLE	IF	CITATIONS
1689	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
1690	Emerging Role of NRF2 Signaling in Cancer Stem Cell Phenotype. <i>Molecules and Cells</i> , 2023, 46, 153-164.	1.0	8
1691	Molecular Basis of the KEAP1-NRF2 Signaling Pathway. <i>Molecules and Cells</i> , 2023, 46, 133-141.	1.0	33
1692	Review on marine collagen peptides induce cancer cell apoptosis, necrosis, and autophagy by reducing oxidized free radicals. <i>Biocell</i> , 2023, 47, 965-975.	0.4	1
1693	Inhibition of lung adenocarcinoma by combinations of sulfasalazine (SAS) and disulfiram-copper (DSF-Cu) in cell line models and mice. <i>Carcinogenesis</i> , 2023, 44, 291-303.	1.3	2
1694	Distinct Nrf2 Signaling Thresholds Mediate Lung Tumor Initiation and Progression. <i>Cancer Research</i> , 2023, 83, 1953-1967.	0.4	7
1695	Tumor heterogeneity: An oncogenic driver of PDAC progression and therapy resistance under stress conditions. <i>Advances in Cancer Research</i> , 2023, , .	1.9	0
1743	Biochemical Changes in the Local Onco-Sphere. , 2023, , 171-199.		0
1744	The mechanistic insights of the antioxidant Keap1-Nrf2 pathway in oncogenesis: a deadly scenario. , 2023, 40, .		1
1778	Ferroptosis: potential targets and emerging roles in pancreatic diseases. <i>Archives of Toxicology</i> , 0, , .	1.9	0
1790	ROS, Redox Regulation and Signaling in Cancer Cells. , 2023, , 1-47.		0