

# Donna D Zhang

## List of Publications by Year in Descending Order

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**Version:** 2024-04-28

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

133  
papers

21,534  
citations

59  
h-index

142  
g-index

142  
ext. papers

25,775  
ext. citations

7.5  
avg, IF

7.08  
L-index

#	Paper	IF	Citations
133	eNAMPT neutralization reduces preclinical ARDS severity via rectified NFκB and Akt/mTORC2 signaling.. <i>Scientific Reports</i> , <b>2022</b> , 12, 696	4.9	4
132	Allosteric differences dictate GroEL complementation of <i>E. coli</i> . <i>FASEB Journal</i> , <b>2022</b> , 36, e22198	0.9	0
131	HRD1-mediated METTL14 degradation regulates mA mRNA modification to suppress ER proteotoxic liver disease. <i>Molecular Cell</i> , <b>2021</b> ,	17.6	3
130	Discovery of an eIF4A Inhibitor with a Novel Mechanism of Action. <i>Journal of Medicinal Chemistry</i> , <b>2021</b> , 64, 15727-15746	8.3	1
129	FAM129B-dependent activation of NRF2 promotes an invasive phenotype in BRAF mutant melanoma cells. <i>Molecular Carcinogenesis</i> , <b>2021</b> , 60, 331-341	5	4
128	The intricacies of NRF2 regulation in cancer. <i>Seminars in Cancer Biology</i> , <b>2021</b> , 76, 110-119	12.7	8
127	Targeting NRF2 to treat cancer. <i>Seminars in Cancer Biology</i> , <b>2021</b> , 76, 61-73	12.7	3
126	MGST1, a new soldier of NRF2 in the battle against ferroptotic death. <i>Cell Chemical Biology</i> , <b>2021</b> , 28, 741-742	8.2	2
125	The NRF2-LOC344887 signaling axis suppresses pulmonary fibrosis. <i>Redox Biology</i> , <b>2021</b> , 38, 101766	11.3	9
124	NRF2 Loss Accentuates Parkinsonian Pathology and Behavioral Dysfunction in Human $\alpha$ Synuclein Overexpressing Mice <b>2021</b> , 12, 964-982		7
123	Non-canonical NRF2 activation promotes a pro-diabetic shift in hepatic glucose metabolism. <i>Molecular Metabolism</i> , <b>2021</b> , 51, 101243	8.8	4
122	The role of natural products in revealing NRF2 function. <i>Natural Product Reports</i> , <b>2020</b> , 37, 797-826	15.1	28
121	NRF2 negatively regulates primary ciliogenesis and hedgehog signaling. <i>PLoS Biology</i> , <b>2020</b> , 18, e3000620	9.7	12
120	Breakdown of an Ironclad Defense System: The Critical Role of NRF2 in Mediating Ferroptosis. <i>Cell Chemical Biology</i> , <b>2020</b> , 27, 436-447	8.2	69
119	Uremic toxins promote accumulation of oxidized protein and increased sensitivity to hydrogen peroxide in endothelial cells by impairing the autophagic flux. <i>Biochemical and Biophysical Research Communications</i> , <b>2020</b> , 523, 123-129	3.4	13
118	Dengue Virus Targets Nrf2 for NS2B3-Mediated Degradation Leading to Enhanced Oxidative Stress and Viral Replication. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	14
117	Activation of NRF2 by topical apocarotenoid treatment mitigates radiation-induced dermatitis. <i>Redox Biology</i> , <b>2020</b> , 37, 101714	11.3	4

116	Chronic arsenic exposure enhances metastatic potential via NRF2-mediated upregulation of SOX9. <i>Toxicology and Applied Pharmacology</i> , <b>2020</b> , 402, 115138	4.6	8
115	Filtering through the role of NRF2 in kidney disease. <i>Archives of Pharmacol Research</i> , <b>2020</b> , 43, 361-369	6.1	20
114	NRF2 plays a critical role in mitigating lipid peroxidation and ferroptosis. <i>Redox Biology</i> , <b>2019</b> , 23, 101107	11.3	319
113	A high throughput substrate binding assay reveals hexachlorophene as an inhibitor of the ER-resident HSP70 chaperone GRP78. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2019</b> , 29, 1689-1693	2.9	5
112	Genome-Wide CRISPR Screen Reveals Autophagy Disruption as the Convergence Mechanism That Regulates the NRF2 Transcription Factor. <i>Molecular and Cellular Biology</i> , <b>2019</b> , 39,	4.8	11
111	A one-step, atom economical synthesis of thieno[2,3-]pyrimidin-4-amine derivatives via a four-component reaction. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 20, 3269-3272	3.2	4
110	Spermidine Confers Liver Protection by Enhancing NRF2 Signaling Through a MAP1S-Mediated Noncanonical Mechanism. <i>Hepatology</i> , <b>2019</b> , 70, 372-388	11.2	13
109	Non-covalent NRF2 Activation Confers Greater Cellular Protection than Covalent Activation. <i>Cell Chemical Biology</i> , <b>2019</b> , 26, 1427-1435.e5	8.2	19
108	An Isoform-Selective PTP1B Inhibitor Derived from Nitrogen-Atom Augmentation of Radicol. <i>Biochemistry</i> , <b>2019</b> , 58, 3225-3231	3.2	6
107	Differential and overlapping targets of the transcriptional regulators NRF1, NRF2, and NRF3 in human cells. <i>Journal of Biological Chemistry</i> , <b>2019</b> , 294, 18131-18149	5.4	23
106	Effects of chronic arsenic oral exposure on hepatic and intestinal CYP expression. <i>FASEB Journal</i> , <b>2019</b> , 33, 506.2	0.9	
105	One-Step Synthesis of Thieno[2,3-]pyrimidin-4(3)-ones via a Catalytic Four-Component Reaction of Ketones, Ethyl Cyanoacetate, S and Formamide. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 1524-1528	8.3	5
104	Redox regulation by NRF2 in aging and disease. <i>Free Radical Biology and Medicine</i> , <b>2019</b> , 134, 702-707	7.8	155
103	Modulating NRF2 in Disease: Timing Is Everything. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2019</b> , 59, 555-575	17.9	159
102	Increased O-GlcNAcylation of SNAP29 Drives Arsenic-Induced Autophagic Dysfunction. <i>Molecular and Cellular Biology</i> , <b>2018</b> , 38,	4.8	18
101	Low-level arsenic causes proteotoxic stress and not oxidative stress. <i>Toxicology and Applied Pharmacology</i> , <b>2018</b> , 341, 106-113	4.6	37
100	Kelch-like ECH-associated protein 1 (KEAP1) differentially regulates nuclear factor erythroid-2-related factors 1 and 2 (NRF1 and NRF2). <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 2029-2040	5.4	36
99	NRF2 and the Hallmarks of Cancer. <i>Cancer Cell</i> , <b>2018</b> , 34, 21-43	24.3	555

98	The effects of NRF2 modulation on the initiation and progression of chemically and genetically induced lung cancer. <i>Molecular Carcinogenesis</i> , <b>2018</b> , 57, 182-192	5	57
97	Topical Bixin Confers NRF2-Dependent Protection Against Photodamage and Hair Graying in Mouse Skin. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 287	5.6	23
96	The endoplasmic reticulum-resident E3 ubiquitin ligase Hrd1 controls a critical checkpoint in B cell development in mice. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 12934-12944	5.4	8
95	A gapmer aptamer nanobiosensor for real-time monitoring of transcription and translation in single cells. <i>Biomaterials</i> , <b>2018</b> , 156, 56-64	15.6	6
94	RPA1 binding to NRF2 switches ARE-dependent transcriptional activation to ARE-NRE-dependent repression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E10352-E10361	11.5	22
93	ER-associated ubiquitin ligase HRD1 programs liver metabolism by targeting multiple metabolic enzymes. <i>Nature Communications</i> , <b>2018</b> , 9, 3659	17.4	24
92	Intercellular Tension Negatively Regulates Angiogenic Sprouting of Endothelial Tip Cells via Notch1-Dll4 Signaling. <i>Advanced Biology</i> , <b>2017</b> , 1, 1600019	3.5	13
91	p97 Negatively Regulates NRF2 by Extracting Ubiquitylated NRF2 from the KEAP1-CUL3 E3 Complex. <i>Molecular and Cellular Biology</i> , <b>2017</b> , 37,	4.8	53
90	ABCF2, an Nrf2 target gene, contributes to cisplatin resistance in ovarian cancer cells. <i>Molecular Carcinogenesis</i> , <b>2017</b> , 56, 1543-1553	5	56
89	The Histone Acetyltransferase Gcn5 Positively Regulates T Cell Activation. <i>Journal of Immunology</i> , <b>2017</b> , 198, 3927-3938	5.3	23
88	Non-canonical activation of NRF2: New insights and its relevance to disease. <i>Current Pathobiology Reports</i> , <b>2017</b> , 5, 171-176	2	20
87	Brusatol overcomes chemoresistance through inhibition of protein translation. <i>Molecular Carcinogenesis</i> , <b>2017</b> , 56, 1493-1500	5	64
86	Multifunctional p62 Effects Underlie Diverse Metabolic Diseases. <i>Trends in Endocrinology and Metabolism</i> , <b>2017</b> , 28, 818-830	8.8	29
85	Ferroptosis: A Regulated Cell Death Nexus Linking Metabolism, Redox Biology, and Disease. <i>Cell</i> , <b>2017</b> , 171, 273-285	56.2	1985
84	ATP-competitive, marine derived natural products that target the DEAD box helicase, eIF4A. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2017</b> , 27, 4082-4085	2.9	16
83	Arsenic Compromises Both p97 and Proteasome Functions. <i>Chemical Research in Toxicology</i> , <b>2017</b> , 30, 1508-1514	4	8
82	Targeting NRF2 for Improved Skin Barrier Function and Photoprotection: Focus on the Achiote-Derived Apocarotenoid Bixin. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	36
81	Endoplasmic reticulum-resident E3 ubiquitin ligase Hrd1 controls B-cell immunity through degradation of the death receptor CD95/Fas. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 10394-9	11.5	21

80	Response to comment on "NRF2 activation by antioxidant antidiabetic agents accelerates tumor metastasis". <i>Science Translational Medicine</i> , <b>2016</b> , 8, 349lr1	17.5	3
79	NRF2 activation by antioxidant antidiabetic agents accelerates tumor metastasis. <i>Science Translational Medicine</i> , <b>2016</b> , 8, 334ra51	17.5	135
78	The ER membrane-anchored ubiquitin ligase Hrd1 is a positive regulator of T-cell immunity. <i>Nature Communications</i> , <b>2016</b> , 7, 12073	17.4	25
77	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
76	Artemisitene activates the Nrf2-dependent antioxidant response and protects against bleomycin-induced lung injury. <i>FASEB Journal</i> , <b>2016</b> , 30, 2500-10	0.9	28
75	Role of Nrf2 and Autophagy in Acute Lung Injury. <i>Current Pharmacology Reports</i> , <b>2016</b> , 2, 91-101	5.5	63
74	An Essential Role of NRF2 in Diabetic Wound Healing. <i>Diabetes</i> , <b>2016</b> , 65, 780-93	0.9	120
73	Cellular Architecture Regulates Collective Calcium Signaling and Cell Contractility. <i>PLoS Computational Biology</i> , <b>2016</b> , 12, e1004955	5	7
72	Ubiquitin-specific peptidase 22 functions and its involvement in disease. <i>Oncotarget</i> , <b>2016</b> , 7, 44848-44856	5.6	41
71	Mechanism of progestin resistance in endometrial precancer/cancer through Nrf2-AKR1C1 pathway. <i>Oncotarget</i> , <b>2016</b> , 7, 10363-72	3.3	33
70	Microfluidic Devices for Terahertz Spectroscopy of Live Cells Toward Lab-on-a-Chip Applications. <i>Sensors</i> , <b>2016</b> , 16,	3.8	19
69	NRF2-targeted therapeutics: New targets and modes of NRF2 regulation. <i>Current Opinion in Toxicology</i> , <b>2016</b> , 1, 62-70	4.4	36
68	Bixin protects mice against ventilation-induced lung injury in an NRF2-dependent manner. <i>Scientific Reports</i> , <b>2016</b> , 6, 18760	4.9	39
67	Reduced Nrf2 expression mediates the decline in neural stem cell function during a critical middle-age period. <i>Aging Cell</i> , <b>2016</b> , 15, 725-36	9.9	54
66	Nrf2-dependent suppression of azoxymethane/dextran sulfate sodium-induced colon carcinogenesis by the cinnamon-derived dietary factor cinnamaldehyde. <i>Cancer Prevention Research</i> , <b>2015</b> , 8, 444-54	3.2	52
65	p62 links autophagy and Nrf2 signaling. <i>Free Radical Biology and Medicine</i> , <b>2015</b> , 88, 199-204	7.8	286
64	Notch1-Dll4 signalling and mechanical force regulate leader cell formation during collective cell migration. <i>Nature Communications</i> , <b>2015</b> , 6, 6556	17.4	74
63	Identification of a functional antioxidant response element within the eighth intron of the human ABCC3 gene. <i>Drug Metabolism and Disposition</i> , <b>2015</b> , 43, 93-9	4	17

62	Oxidative stress, mammospheres and Nrf2-new implication for breast cancer therapy?. <i>Molecular Carcinogenesis</i> , <b>2015</b> , 54, 1494-502	5	70
61	Biosensors: Single Cell Nanobiosensors for Dynamic Gene Expression Profiling in Native Tissue Microenvironments (Adv. Mater. 39/2015). <i>Advanced Materials</i> , <b>2015</b> , 27, 6076-6076	24	
60	Molecular mechanisms of Nrf2 regulation and how these influence chemical modulation for disease intervention. <i>Biochemical Society Transactions</i> , <b>2015</b> , 43, 680-6	5.1	110
59	Nuclear factor, erythroid 2-like 2-associated molecular signature predicts lung cancer survival. <i>Scientific Reports</i> , <b>2015</b> , 5, 16889	4.9	27
58	Single cell nanobiosensors for dynamic gene expression profiling in native tissue microenvironments. <i>Advanced Materials</i> , <b>2015</b> , 27, 6034-8	24	21
57	Withaferin A Analogs That Target the AAA+ Chaperone p97. <i>ACS Chemical Biology</i> , <b>2015</b> , 10, 1916-1924	4.9	32
56	A Curcumin Derivative That Inhibits Vinyl Carbamate-Induced Lung Carcinogenesis via Activation of the Nrf2 Protective Response. <i>Antioxidants and Redox Signaling</i> , <b>2015</b> , 23, 651-64	8.4	58
55	Systemic administration of the apocarotenoid bixin protects skin against solar UV-induced damage through activation of NRF2. <i>Free Radical Biology and Medicine</i> , <b>2015</b> , 89, 690-700	7.8	57
54	Induction of autophagy contributes to cisplatin resistance in human ovarian cancer cells. <i>Molecular Medicine Reports</i> , <b>2015</b> , 11, 91-8	2.9	75
53	Poly(ADP-ribose) polymerase-1 modulates Nrf2-dependent transcription. <i>Free Radical Biology and Medicine</i> , <b>2014</b> , 67, 69-80	7.8	32
52	Mapping photothermally induced gene expression in living cells and tissues by nanorod-locked nucleic acid complexes. <i>ACS Nano</i> , <b>2014</b> , 8, 3597-605	16.7	31
51	Probing mechanoregulation of neuronal differentiation by plasma lithography patterned elastomeric substrates. <i>Scientific Reports</i> , <b>2014</b> , 4, 6965	4.9	24
50	Plant extracts of the family Lauraceae: a potential resource for chemopreventive agents that activate the nuclear factor-erythroid 2-related factor 2/antioxidant response element pathway. <i>Planta Medica</i> , <b>2014</b> , 80, 426-34	3.1	18
49	Oncogenic KRAS confers chemoresistance by upregulating NRF2. <i>Cancer Research</i> , <b>2014</b> , 74, 7430-41	10.1	192
48	Nrf2 suppresses lupus nephritis through inhibition of oxidative injury and the NF- $\kappa$ B-mediated inflammatory response. <i>Kidney International</i> , <b>2014</b> , 85, 333-343	9.9	142
47	Hrd1 suppresses Nrf2-mediated cellular protection during liver cirrhosis. <i>Genes and Development</i> , <b>2014</b> , 28, 708-22	12.6	195
46	Nrf2 induces cisplatin resistance through activation of autophagy in ovarian carcinoma. <i>International Journal of Clinical and Experimental Pathology</i> , <b>2014</b> , 7, 1502-13	1.4	62
45	Detection of mRNA in living cells by double-stranded locked nucleic acid probes. <i>Analyst, The</i> , <b>2013</b> , 138, 4777-85	5	21

44	The Nrf2-inducers tanshinone I and dihydrotanshinone protect human skin cells and reconstructed human skin against solar simulated UV. <i>Redox Biology</i> , <b>2013</b> , 1, 532-41	11.3	71
43	USP15 negatively regulates Nrf2 through deubiquitination of Keap1. <i>Molecular Cell</i> , <b>2013</b> , 51, 68-79	17.6	66
42	The emerging role of the Nrf2-Keap1 signaling pathway in cancer. <i>Genes and Development</i> , <b>2013</b> , 27, 2179-91	12.6	828
41	Nrf2 modulates contractile and metabolic properties of skeletal muscle in streptozotocin-induced diabetic atrophy. <i>Experimental Cell Research</i> , <b>2013</b> , 319, 2673-83	4.2	41
40	Tanshinone I activates the Nrf2-dependent antioxidant response and protects against As(III)-induced lung inflammation in vitro and in vivo. <i>Antioxidants and Redox Signaling</i> , <b>2013</b> , 19, 1647-61	8.4	76
39	Arsenic-mediated activation of the Nrf2-Keap1 antioxidant pathway. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2013</b> , 27, 99-105	3.4	102
38	Bardoxolone brings Nrf2-based therapies to light. <i>Antioxidants and Redox Signaling</i> , <b>2013</b> , 19, 517-8	8.4	61
37	Arsenic inhibits autophagic flux, activating the Nrf2-Keap1 pathway in a p62-dependent manner. <i>Molecular and Cellular Biology</i> , <b>2013</b> , 33, 2436-46	4.8	172
36	The antimalarial amodiaquine causes autophagic-lysosomal and proliferative blockade sensitizing human melanoma cells to starvation- and chemotherapy-induced cell death. <i>Autophagy</i> , <b>2013</b> , 9, 2087-102	10.2	55
35	Nrf2 pathway regulates multidrug-resistance-associated protein 1 in small cell lung cancer. <i>PLoS ONE</i> , <b>2013</b> , 8, e63404	3.7	93
34	Does Nrf2 contribute to p53-mediated control of cell survival and death?. <i>Antioxidants and Redox Signaling</i> , <b>2012</b> , 17, 1670-5	8.4	70
33	USP22 antagonizes p53 transcriptional activation by deubiquitinating Sirt1 to suppress cell apoptosis and is required for mouse embryonic development. <i>Molecular Cell</i> , <b>2012</b> , 46, 484-94	17.6	207
32	Eriodictyol-7-O-glucoside, a novel Nrf2 activator, confers protection against cisplatin-induced toxicity. <i>Food and Chemical Toxicology</i> , <b>2012</b> , 50, 1927-32	4.7	40
31	Sulforaphane prevents pulmonary damage in response to inhaled arsenic by activating the Nrf2-defense response. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 265, 292-9	4.6	48
30	PALB2 interacts with KEAP1 to promote NRF2 nuclear accumulation and function. <i>Molecular and Cellular Biology</i> , <b>2012</b> , 32, 1506-17	4.8	132
29	Therapeutic potential of Nrf2 activators in streptozotocin-induced diabetic nephropathy. <i>Diabetes</i> , <b>2011</b> , 60, 3055-66	0.9	387
28	KPNA6 (Importin {alpha}7)-mediated nuclear import of Keap1 represses the Nrf2-dependent antioxidant response. <i>Molecular and Cellular Biology</i> , <b>2011</b> , 31, 1800-11	4.8	61
27	Brusatol enhances the efficacy of chemotherapy by inhibiting the Nrf2-mediated defense mechanism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 1433-8	11.5	446

26	The type III histone deacetylase Sirt1 protein suppresses p300-mediated histone H3 lysine 56 acetylation at Bclaf1 promoter to inhibit T cell activation. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 16967-75	5.4	70
25	High levels of Nrf2 determine chemoresistance in type II endometrial cancer. <i>Cancer Research</i> , <b>2010</b> , 70, 5486-96	10.1	217
24	Regulation of the Nrf2-Keap1 antioxidant response by the ubiquitin proteasome system: an insight into cullin-ring ubiquitin ligases. <i>Antioxidants and Redox Signaling</i> , <b>2010</b> , 13, 1699-712	8.4	295
23	A noncanonical mechanism of Nrf2 activation by autophagy deficiency: direct interaction between Keap1 and p62. <i>Molecular and Cellular Biology</i> , <b>2010</b> , 30, 3275-85	4.8	601
22	The protective role of Nrf2 in streptozotocin-induced diabetic nephropathy. <i>Diabetes</i> , <b>2010</b> , 59, 850-60	0.9	317
21	The cinnamon-derived dietary factor cinnamic aldehyde activates the Nrf2-dependent antioxidant response in human epithelial colon cells. <i>Molecules</i> , <b>2010</b> , 15, 3338-55	4.8	93
20	A small-molecule inducer of the antioxidant response element. <i>Chemistry and Biology</i> , <b>2010</b> , 17, 537-47		65
19	Nrf2 expression in endometrial serous carcinomas and its precancers. <i>International Journal of Clinical and Experimental Pathology</i> , <b>2010</b> , 4, 85-96	1.4	20
18	Ectodermal-neural cortex 1 down-regulates Nrf2 at the translational level. <i>PLoS ONE</i> , <b>2009</b> , 4, e5492	3.7	29
17	Phosphorylation of Nrf2 at multiple sites by MAP kinases has a limited contribution in modulating the Nrf2-dependent antioxidant response. <i>PLoS ONE</i> , <b>2009</b> , 4, e6588	3.7	242
16	Acetylation of Nrf2 by p300/CBP augments promoter-specific DNA binding of Nrf2 during the antioxidant response. <i>Molecular and Cellular Biology</i> , <b>2009</b> , 29, 2658-72	4.8	278
15	Nrf2 protects against As(III)-induced damage in mouse liver and bladder. <i>Toxicology and Applied Pharmacology</i> , <b>2009</b> , 240, 8-14	4.6	82
14	Nrf2 promotes neuronal cell differentiation. <i>Free Radical Biology and Medicine</i> , <b>2009</b> , 47, 867-79	7.8	73
13	Direct interaction between Nrf2 and p21(Cip1/WAF1) upregulates the Nrf2-mediated antioxidant response. <i>Molecular Cell</i> , <b>2009</b> , 34, 663-73	17.6	458
12	Cinnamoyl-based Nrf2-activators targeting human skin cell photo-oxidative stress. <i>Free Radical Biology and Medicine</i> , <b>2008</b> , 45, 385-95	7.8	77
11	Activation of Nrf2 by arsenite and monomethylarsonous acid is independent of Keap1-C151: enhanced Keap1-Cul3 interaction. <i>Toxicology and Applied Pharmacology</i> , <b>2008</b> , 230, 383-9	4.6	112
10	Dual roles of Nrf2 in cancer. <i>Pharmacological Research</i> , <b>2008</b> , 58, 262-70	10.2	519
9	Nrf2 enhances resistance of cancer cells to chemotherapeutic drugs, the dark side of Nrf2. <i>Carcinogenesis</i> , <b>2008</b> , 29, 1235-43	4.6	587



8	Oridonin confers protection against arsenic-induced toxicity through activation of the Nrf2-mediated defensive response. <i>Environmental Health Perspectives</i> , <b>2008</b> , 116, 1154-61	8.4	80
7	Nrf2 protects human bladder urothelial cells from arsenite and monomethylarsonous acid toxicity. <i>Toxicology and Applied Pharmacology</i> , <b>2007</b> , 225, 206-13	4.6	85
6	Keap1 controls postinduction repression of the Nrf2-mediated antioxidant response by escorting nuclear export of Nrf2. <i>Molecular and Cellular Biology</i> , <b>2007</b> , 27, 6334-49	4.8	248
5	Mechanistic studies of the Nrf2-Keap1 signaling pathway. <i>Drug Metabolism Reviews</i> , <b>2006</b> , 38, 769-89	7	788
4	Crystal structure of the Kelch domain of human Keap1. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 54750-84	5.4	167
3	Keap1 is a redox-regulated substrate adaptor protein for a Cul3-dependent ubiquitin ligase complex. <i>Molecular and Cellular Biology</i> , <b>2004</b> , 24, 10941-53	4.8	922
2	Nrf2 is a direct PERK substrate and effector of PERK-dependent cell survival. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 7198-209	4.8	924
1	Distinct cysteine residues in Keap1 are required for Keap1-dependent ubiquitination of Nrf2 and for stabilization of Nrf2 by chemopreventive agents and oxidative stress. <i>Molecular and Cellular Biology</i> , <b>2003</b> , 23, 8137-51	4.8	1062