

# Donna D Zhang

## List of Publications by Year in descending order

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141  
papers

29,600  
citations

15504

65  
h-index

11939

134  
g-index

142  
all docs

142  
docs citations

142  
times ranked

37096  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Ferroptosis: A Regulated Cell Death Nexus Linking Metabolism, Redox Biology, and Disease. <i>Cell</i> , 2017, 171, 273-285.	28.9	4,081
3	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> , 2003, 23, 8137-8151.	2.3	1,241
4	Keap1 Is a Redox-Regulated Substrate Adaptor Protein for a Cul3-Dependent Ubiquitin Ligase Complex. <i>Molecular and Cellular Biology</i> , 2004, 24, 10941-10953.	2.3	1,083
5	Nrf2 Is a Direct PERK Substrate and Effector of PERK-Dependent Cell Survival. <i>Molecular and Cellular Biology</i> , 2003, 23, 7198-7209.	2.3	1,074
6	The emerging role of the Nrf2-Keap1 signaling pathway in cancer. <i>Genes and Development</i> , 2013, 27, 2179-2191.	5.9	1,044
7	NRF2 and the Hallmarks of Cancer. <i>Cancer Cell</i> , 2018, 34, 21-43.	16.8	1,016
8	NRF2 plays a critical role in mitigating lipid peroxidation and ferroptosis. <i>Redox Biology</i> , 2019, 23, 101107.	9.0	957
9	Mechanistic Studies of the Nrf2-Keap1 Signaling Pathway. <i>Drug Metabolism Reviews</i> , 2006, 38, 769-789.	3.6	924
10	A Noncanonical Mechanism of Nrf2 Activation by Autophagy Deficiency: Direct Interaction between Keap1 and p62. <i>Molecular and Cellular Biology</i> , 2010, 30, 3275-3285.	2.3	717
11	Nrf2 enhances resistance of cancer cells to chemotherapeutic drugs, the dark side of Nrf2. <i>Carcinogenesis</i> , 2008, 29, 1235-1243.	2.8	691
12	Dual roles of Nrf2 in cancer. <i>Pharmacological Research</i> , 2008, 58, 262-270.	7.1	586
13	Direct Interaction between Nrf2 and p21Cip1/WAF1 Upregulates the Nrf2-Mediated Antioxidant Response. <i>Molecular Cell</i> , 2009, 34, 663-673.	9.7	544
14	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> , 2011, 108, 1433-1438.	7.1	543
15	Therapeutic Potential of Nrf2 Activators in Streptozotocin-Induced Diabetic Nephropathy. <i>Diabetes</i> , 2011, 60, 3055-3066.	0.6	445
16	p62 links autophagy and Nrf2 signaling. <i>Free Radical Biology and Medicine</i> , 2015, 88, 199-204.	2.9	437
17	The Protective Role of Nrf2 in Streptozotocin-Induced Diabetic Nephropathy. <i>Diabetes</i> , 2010, 59, 850-860.	0.6	383
18	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> , 2010, 13, 1699-1712.	5.4	355

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19	Acetylation of Nrf2 by p300/CBP Augments Promoter-Specific DNA Binding of Nrf2 during the Antioxidant Response. <i>Molecular and Cellular Biology</i> , 2009, 29, 2658-2672.	2.3	340
20	Phosphorylation of Nrf2 at Multiple Sites by MAP Kinases Has a Limited Contribution in Modulating the Nrf2-Dependent Antioxidant Response. <i>PLoS ONE</i> , 2009, 4, e6588.	2.5	297
21	Modulating NRF2 in Disease: Timing Is Everything. <i>Annual Review of Pharmacology and Toxicology</i> , 2019, 59, 555-575.	9.4	289
22	Keap1 Controls Postinduction Repression of the Nrf2-Mediated Antioxidant Response by Escorting Nuclear Export of Nrf2. <i>Molecular and Cellular Biology</i> , 2007, 27, 6334-6349.	2.3	286
23	Redox regulation by NRF2 in aging and disease. <i>Free Radical Biology and Medicine</i> , 2019, 134, 702-707.	2.9	280
24	USP22 Antagonizes p53 Transcriptional Activation by Deubiquitinating Sirt1 to Suppress Cell Apoptosis and Is Required for Mouse Embryonic Development. <i>Molecular Cell</i> , 2012, 46, 484-494.	9.7	264
25	Hrd1 suppresses Nrf2-mediated cellular protection during liver cirrhosis. <i>Genes and Development</i> , 2014, 28, 708-722.	5.9	262
26	High Levels of Nrf2 Determine Chemoresistance in Type II Endometrial Cancer. <i>Cancer Research</i> , 2010, 70, 5486-5496.	0.9	251
27	Oncogenic KRAS Confers Chemoresistance by Upregulating NRF2. <i>Cancer Research</i> , 2014, 74, 7430-7441.	0.9	237
28	Breakdown of an Ironclad Defense System: The Critical Role of NRF2 in Mediating Ferroptosis. <i>Cell Chemical Biology</i> , 2020, 27, 436-447.	5.2	215
29	Arsenic Inhibits Autophagic Flux, Activating the Nrf2-Keap1 Pathway in a p62-Dependent Manner. <i>Molecular and Cellular Biology</i> , 2013, 33, 2436-2446.	2.3	206
30	Crystal Structure of the Kelch Domain of Human Keap1. <i>Journal of Biological Chemistry</i> , 2004, 279, 54750-54758.	3.4	193
31	Nrf2 suppresses lupus nephritis through inhibition of oxidative injury and the NF- $\kappa$ B-mediated inflammatory response. <i>Kidney International</i> , 2014, 85, 333-343.	5.2	190
32	NRF2 activation by antioxidant antidiabetic agents accelerates tumor metastasis. <i>Science Translational Medicine</i> , 2016, 8, 334ra51.	12.4	182
33	An Essential Role of NRF2 in Diabetic Wound Healing. <i>Diabetes</i> , 2016, 65, 780-793.	0.6	173
34	PALB2 Interacts with KEAP1 To Promote NRF2 Nuclear Accumulation and Function. <i>Molecular and Cellular Biology</i> , 2012, 32, 1506-1517.	2.3	164
35	Molecular mechanisms of Nrf2 regulation and how these influence chemical modulation for disease intervention. <i>Biochemical Society Transactions</i> , 2015, 43, 680-686.	3.4	137
36	The Cinnamon-Derived Dietary Factor Cinnamic Aldehyde Activates the Nrf2-Dependent Antioxidant Response in Human Epithelial Colon Cells. <i>Molecules</i> , 2010, 15, 3338-3355.	3.8	123

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37	Activation of Nrf2 by arsenite and monomethylarsonous acid is independent of Keap1-C151: enhanced Keap1-Cul3 interaction. <i>Toxicology and Applied Pharmacology</i> , 2008, 230, 383-389.	2.8	121
38	Arsenic-Mediated Activation of the Nrf2-Keap1 Antioxidant Pathway. <i>Journal of Biochemical and Molecular Toxicology</i> , 2013, 27, 99-105.	3.0	116
39	Nrf2 Pathway Regulates Multidrug-Resistance-Associated Protein 1 in Small Cell Lung Cancer. <i>PLoS ONE</i> , 2013, 8, e63404.	2.5	111
40	Notch1-Dll4 signalling and mechanical force regulate leader cell formation during collective cell migration. <i>Nature Communications</i> , 2015, 6, 6556.	12.8	107
41	USP15 Negatively Regulates Nrf2 through Deubiquitination of Keap1. <i>Molecular Cell</i> , 2013, 51, 68-79.	9.7	98
42	Induction of autophagy contributes to cisplatin resistance in human ovarian cancer cells. <i>Molecular Medicine Reports</i> , 2015, 11, 91-98.	2.4	96
43	Oxidative stress, mammospheres and Nrf2-new implication for breast cancer therapy?. <i>Molecular Carcinogenesis</i> , 2015, 54, 1494-1502.	2.7	95
44	The Nrf2-inducers tanshinone I and dihydrotanshinone protect human skin cells and reconstructed human skin against solar simulated UV. <i>Redox Biology</i> , 2013, 1, 532-541.	9.0	92
45	Nrf2 protects human bladder urothelial cells from arsenite and monomethylarsonous acid toxicity. <i>Toxicology and Applied Pharmacology</i> , 2007, 225, 206-213.	2.8	91
46	Brusatol overcomes chemoresistance through inhibition of protein translation. <i>Molecular Carcinogenesis</i> , 2017, 56, 1493-1500.	2.7	91
47	Reduced Nrf2 expression mediates the decline in neural stem cell function during a critical middle-age period. <i>Aging Cell</i> , 2016, 15, 725-736.	6.7	90
48	Oridonin Confers Protection against Arsenic-Induced Toxicity through Activation of the Nrf2-Mediated Defensive Response. <i>Environmental Health Perspectives</i> , 2008, 116, 1154-1161.	6.0	89
49	Tanshinone I Activates the Nrf2-Dependent Antioxidant Response and Protects Against As(III)-Induced Lung Inflammation <i>In Vitro</i> and <i>In Vivo</i> . <i>Antioxidants and Redox Signaling</i> , 2013, 19, 1647-1661.	5.4	89
50	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.	2.7	89
51	Cinnamoyl-based Nrf2-activators targeting human skin cell photo-oxidative stress. <i>Free Radical Biology and Medicine</i> , 2008, 45, 385-395.	2.9	87
52	Does Nrf2 Contribute to p53-Mediated Control of Cell Survival and Death?. <i>Antioxidants and Redox Signaling</i> , 2012, 17, 1670-1675.	5.4	87
53	Nrf2 protects against As(III)-induced damage in mouse liver and bladder. <i>Toxicology and Applied Pharmacology</i> , 2009, 240, 8-14.	2.8	86
54	Systemic administration of the apocarotenoid bixin protects skin against solar UV-induced damage through activation of NRF2. <i>Free Radical Biology and Medicine</i> , 2015, 89, 690-700.	2.9	85

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55	Nrf2 and p21 regulate the fine balance between life and death by controlling ROS levels. <i>Cell Cycle</i> , 2009, 8, 3255-3256.	2.6	84
56	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> , 2011, 286, 16967-16975.	3.4	84
57	Nrf2 promotes neuronal cell differentiation. <i>Free Radical Biology and Medicine</i> , 2009, 47, 867-879.	2.9	83
58	Role of Nrf2 and Autophagy in Acute Lung Injury. <i>Current Pharmacology Reports</i> , 2016, 2, 91-101.	3.0	77
59	p97 Negatively Regulates NRF2 by Extracting Ubiquitylated NRF2 from the KEAP1-CUL3 E3 Complex. <i>Molecular and Cellular Biology</i> , 2017, 37, .	2.3	77
60	ABCF2, an Nrf2 target gene, contributes to cisplatin resistance in ovarian cancer cells. <i>Molecular Carcinogenesis</i> , 2017, 56, 1543-1553.	2.7	76
61	A Small-Molecule Inducer of the Antioxidant Response Element. <i>Chemistry and Biology</i> , 2010, 17, 537-547.	6.0	73
62	KPNA6 (Importin $\beta$ 7)-Mediated Nuclear Import of Keap1 Represses the Nrf2-Dependent Antioxidant Response. <i>Molecular and Cellular Biology</i> , 2011, 31, 1800-1811.	2.3	73
63	The role of natural products in revealing NRF2 function. <i>Natural Product Reports</i> , 2020, 37, 797-826.	10.3	71
64	The antimalarial amodiaquine causes autophagic-lysosomal and proliferative blockade sensitizing human melanoma cells to starvation- and chemotherapy-induced cell death. <i>Autophagy</i> , 2013, 9, 2087-2102.	9.1	69
65	Bardoxolone Brings Nrf2-Based Therapies to Light. <i>Antioxidants and Redox Signaling</i> , 2013, 19, 517-518.	5.4	67
66	Ubiquitin-specific peptidase 22 functions and its involvement in disease. <i>Oncotarget</i> , 2016, 7, 44848-44856.	1.8	66
67	A Curcumin Derivative That Inhibits Vinyl Carbamate-Induced Lung Carcinogenesis via Activation of the Nrf2 Protective Response. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 651-664.	5.4	65
68	Nrf2 induces cisplatin resistance through activation of autophagy in ovarian carcinoma. <i>International Journal of Clinical and Experimental Pathology</i> , 2014, 7, 1502-13.	0.5	64
69	Nrf2-Dependent Suppression of Azoxy methane/Dextran Sulfate Sodium-Induced Colon Carcinogenesis by the Cinnamon-Derived Dietary Factor Cinnamaldehyde. <i>Cancer Prevention Research</i> , 2015, 8, 444-454.	1.5	62
70	Targeting NRF2 for Improved Skin Barrier Function and Photoprotection: Focus on the Achiote-Derived Apocarotenoid Bixin. <i>Nutrients</i> , 2017, 9, 1371.	4.1	59
71	Sulforaphane prevents pulmonary damage in response to inhaled arsenic by activating the Nrf2-defense response. <i>Toxicology and Applied Pharmacology</i> , 2012, 265, 292-299.	2.8	58
72	Bixin protects mice against ventilation-induced lung injury in an NRF2-dependent manner. <i>Scientific Reports</i> , 2016, 6, 18760.	3.3	58

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73	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> , 2018, 293, 2029-2040.	3.4	51
74	Nrf2 modulates contractile and metabolic properties of skeletal muscle in streptozotocin-induced diabetic atrophy. <i>Experimental Cell Research</i> , 2013, 319, 2673-2683.	2.6	50
75	The intricacies of NRF2 regulation in cancer. <i>Seminars in Cancer Biology</i> , 2021, 76, 110-119.	9.6	50
76	Low-level arsenic causes proteotoxic stress and not oxidative stress. <i>Toxicology and Applied Pharmacology</i> , 2018, 341, 106-113.	2.8	49
77	Differential and overlapping targets of the transcriptional regulators NRF1, NRF2, and NRF3 in human cells. <i>Journal of Biological Chemistry</i> , 2019, 294, 18131-18149.	3.4	49
78	The ER membrane-anchored ubiquitin ligase Hrd1 is a positive regulator of T-cell immunity. <i>Nature Communications</i> , 2016, 7, 12073.	12.8	48
79	Eriodictyol-7-O-glucoside, a novel Nrf2 activator, confers protection against cisplatin-induced toxicity. <i>Food and Chemical Toxicology</i> , 2012, 50, 1927-1932.	3.6	47
80	Mechanism of progestin resistance in endometrial precancer/cancer through Nrf2-AKR1C1 pathway. <i>Oncotarget</i> , 2016, 7, 10363-10372.	1.8	47
81	NRF2-targeted therapeutics: New targets and modes of NRF2 regulation. <i>Current Opinion in Toxicology</i> , 2016, 1, 62-70.	5.0	45
82	Topical Bixin Confers NRF2-Dependent Protection Against Photodamage and Hair Graying in Mouse Skin. <i>Frontiers in Pharmacology</i> , 2018, 9, 287.	3.5	45
83	ER-associated ubiquitin ligase HRD1 programs liver metabolism by targeting multiple metabolic enzymes. <i>Nature Communications</i> , 2018, 9, 3659.	12.8	42
84	Spermidine Confers Liver Protection by Enhancing NRF2 Signaling Through a MAP1S-Mediated Noncanonical Mechanism. <i>Hepatology</i> , 2019, 70, 372-388.	7.3	42
85	Poly(ADP-ribose) polymerase-1 modulates Nrf2-dependent transcription. <i>Free Radical Biology and Medicine</i> , 2014, 67, 69-80.	2.9	41
86	Nuclear factor, erythroid 2-like 2-associated molecular signature predicts lung cancer survival. <i>Scientific Reports</i> , 2015, 5, 16889.	3.3	39
87	Multifunctional p62 Effects Underlie Diverse Metabolic Diseases. <i>Trends in Endocrinology and Metabolism</i> , 2017, 28, 818-830.	7.1	39
88	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> , 2018, 115, E10352-E10361.	7.1	39
89	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> , 2016, 113, 10394-10399.	7.1	38
90	Microfluidic Devices for Terahertz Spectroscopy of Live Cells Toward Lab-on-a-Chip Applications. <i>Sensors</i> , 2016, 16, 476.	3.8	37

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91	Artemisitene activates the Nrf2-dependent antioxidant response and protects against bleomycin-induced lung injury. <i>FASEB Journal</i> , 2016, 30, 2500-2510.	0.5	36
92	Withaferin A Analogs That Target the AAA+ Chaperone p97. <i>ACS Chemical Biology</i> , 2015, 10, 1916-1924.	3.4	35
93	Ectodermal-Neural Cortex 1 Down-Regulates Nrf2 at the Translational Level. <i>PLoS ONE</i> , 2009, 4, e5492.	2.5	34
94	Single Cell Nanobiosensors for Dynamic Gene Expression Profiling in Native Tissue Microenvironments. <i>Advanced Materials</i> , 2015, 27, 6034-6038.	21.0	34
95	Mapping Photothermally Induced Gene Expression in Living Cells and Tissues by Nanorod-Locked Nucleic Acid Complexes. <i>ACS Nano</i> , 2014, 8, 3597-3605.	14.6	32
96	The Histone Acetyltransferase Gcn5 Positively Regulates T Cell Activation. <i>Journal of Immunology</i> , 2017, 198, 3927-3938.	0.8	32
97	Dengue Virus Targets Nrf2 for NS2B3-Mediated Degradation Leading to Enhanced Oxidative Stress and Viral Replication. <i>Journal of Virology</i> , 2020, 94, .	3.4	32
98	Targeting NRF2 to treat cancer. <i>Seminars in Cancer Biology</i> , 2021, 76, 61-73.	9.6	32
99	Increased O-GlcNAcylation of SNAP29 Drives Arsenic-Induced Autophagic Dysfunction. <i>Molecular and Cellular Biology</i> , 2018, 38, .	2.3	31
100	NRF2 Loss Accentuates Parkinsonian Pathology and Behavioral Dysfunction in Human $\alpha$ -Synuclein Overexpressing Mice. , 2021, 12, 964.		30
101	Non-Canonical Activation of NRF2: New Insights and Its Relevance to Disease. <i>Current Pathobiology Reports</i> , 2017, 5, 171-176.	3.4	29
102	Non-covalent NRF2 Activation Confers Greater Cellular Protection than Covalent Activation. <i>Cell Chemical Biology</i> , 2019, 26, 1427-1435.e5.	5.2	28
103	Detection of mRNA in living cells by double-stranded locked nucleic acid probes. <i>Analyst</i> , 2013, 138, 4777.	3.5	27
104	Probing Mechanoregulation of Neuronal Differentiation by Plasma Lithography Patterned Elastomeric Substrates. <i>Scientific Reports</i> , 2014, 4, 6965.	3.3	27
105	The endoplasmic reticulum-resident E3 ubiquitin ligase Hrd1 controls a critical checkpoint in B cell development in mice. <i>Journal of Biological Chemistry</i> , 2018, 293, 12934-12944.	3.4	25
106	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> , 2014, 80, 426-434.	1.3	24
107	HRD1-mediated METTL14 degradation regulates m6A mRNA modification to suppress ER proteotoxic liver disease. <i>Molecular Cell</i> , 2021, 81, 5052-5065.e6.	9.7	24
108	Filtering through the role of NRF2 in kidney disease. <i>Archives of Pharmacal Research</i> , 2020, 43, 361-369.	6.3	23

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109	eNAMPT neutralization reduces preclinical ARDS severity via rectified NFkB and Akt/mTORC2 signaling. <i>Scientific Reports</i> , 2022, 12, 696.	3.3	23
110	ATP-competitive, marine derived natural products that target the DEAD box helicase, eIF4A. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 4082-4085.	2.2	22
111	The NRF2-LOC344887 signaling axis suppresses pulmonary fibrosis. <i>Redox Biology</i> , 2021, 38, 101766.	9.0	22
112	Intercellular Tension Negatively Regulates Angiogenic Sprouting of Endothelial Tip Cells via Notch1&Dil4 Signaling. <i>Advanced Biology</i> , 2017, 1, 1600019.	3.0	21
113	Nrf2 expression in endometrial serous carcinomas and its precancers. <i>International Journal of Clinical and Experimental Pathology</i> , 2010, 4, 85-96.	0.5	20
114	Identification of a Functional Antioxidant Response Element within the Eighth Intron of the Human <i>ABCC3</i> Gene. <i>Drug Metabolism and Disposition</i> , 2015, 43, 93-99.	3.3	19
115	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> , 2020, 523, 123-129.	2.1	19
116	NRF2 negatively regulates primary ciliogenesis and hedgehog signaling. <i>PLoS Biology</i> , 2020, 18, e3000620.	5.6	19
117	A gapmer aptamer nanobiosensor for real-time monitoring of transcription and translation in single cells. <i>Biomaterials</i> , 2018, 156, 56-64.	11.4	16
118	Genome-Wide CRISPR Screen Reveals Autophagy Disruption as the Convergence Mechanism That Regulates the NRF2 Transcription Factor. <i>Molecular and Cellular Biology</i> , 2019, 39, .	2.3	15
119	Arsenic Compromises Both p97 and Proteasome Functions. <i>Chemical Research in Toxicology</i> , 2017, 30, 1508-1514.	3.3	14
120	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> , 2019, 29, 1689-1693.	2.2	14
121	Chronic arsenic exposure enhances metastatic potential via NRF2-mediated upregulation of SOX9. <i>Toxicology and Applied Pharmacology</i> , 2020, 402, 115138.	2.8	14
122	FAM129B&epsilon;dependent activation of NRF2 promotes an invasive phenotype in BRAF mutant melanoma cells. <i>Molecular Carcinogenesis</i> , 2021, 60, 331-341.	2.7	14
123	An NRF2 Perspective on Stem Cells and Ageing. <i>Frontiers in Aging</i> , 2021, 2, .	2.6	13
124	Non-canonical NRF2 activation promotes a pro-diabetic shift in hepatic glucose metabolism. <i>Molecular Metabolism</i> , 2021, 51, 101243.	6.5	13
125	Activation of NRF2 by topical apocarotenoid treatment mitigates radiation-induced dermatitis. <i>Redox Biology</i> , 2020, 37, 101714.	9.0	12
126	A One&epsilon;Step, Atom Economical Synthesis of Thieno[2,3&epsilon;]pyrimidin&epsilon;amine Derivatives by a Four&epsilon;Component Reaction. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3269-3272.	2.4	10



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127	MGST1, a new soldier of NRF2 in the battle against ferroptotic death. <i>Cell Chemical Biology</i> , 2021, 28, 741-742.	5.2	10
128	An Isoform-Selective PTP1B Inhibitor Derived from Nitrogen-Atom Augmentation of Radicol. <i>Biochemistry</i> , 2019, 58, 3225-3231.	2.5	9
129	Cellular Architecture Regulates Collective Calcium Signaling and Cell Contractility. <i>PLoS Computational Biology</i> , 2016, 12, e1004955.	3.2	9
130	Response to comment on "NRF2 activation by antioxidant antidiabetic agents accelerates tumor metastasis". <i>Science Translational Medicine</i> , 2016, 8, 349lr1.	12.4	8
131	One-Step Synthesis of Thieno[2,3- <i>d</i> ]pyrimidin-4(3 <i>H</i> )-ones via a Catalytic Four-Component Reaction of Ketones, Ethyl Cyanoacetate, S <sub>8</sub> , and Formamide. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 1524-1528.	6.7	8
132	NRF2 Induction for NASH Treatment: A New Hope Rises. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2018, 5, 422-423.	4.5	6
133	Discovery of an eIF4A Inhibitor with a Novel Mechanism of Action. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15727-15746.	6.4	6
134	Nanoengineered platforms for cancer chemoprevention. , 2009, , .		1
135	CHML is an NRF2 target gene that regulates mTOR function. <i>Molecular Oncology</i> , 2022, 16, 1714-1727.	4.6	1
136	Allosteric differences dictate GroEL complementation of <i>E. coli</i> . <i>FASEB Journal</i> , 2022, 36, e22198.	0.5	1
137	High-throughput screening of chemopreventive compounds targeting Nrf2. , 2008, , .		0
138	Plasma lithography for control of cell morphology and proliferation. , 2009, , .		0
139	Biosensors: Single Cell Nanobiosensors for Dynamic Gene Expression Profiling in Native Tissue Microenvironments ( <i>Adv. Mater.</i> 39/2015). <i>Advanced Materials</i> , 2015, 27, 6076-6076.	21.0	0
140	Non-Covalent NRF2 Activation Confers Greater Cellular Protection than Covalent Activation. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
141	Effects of chronic arsenic oral exposure on hepatic and intestinal CYP expression. <i>FASEB Journal</i> , 2019, 33, 506.2.	0.5	0