

Role of Nrf2 in Oxidative Stress and Toxicity

Annual Review of Pharmacology and Toxicology
53, 401-426

DOI: [10.1146/annurev-pharmtox-011112-140320](https://doi.org/10.1146/annurev-pharmtox-011112-140320)

Citation Report

#	ARTICLE	IF	CITATIONS
3	Molecular Basis of Electrophilic and Oxidative Defense: Promises and Perils of Nrf2. <i>Pharmacological Reviews</i> , 2012, 64, 1055-1081.	16.0	265
4	Chronic nitric oxide deprivation induces an adaptive antioxidant status in human endothelial cells. <i>Cellular Signalling</i> , 2013, 25, 2290-2297.	3.6	8
5	The aryl hydrocarbon receptor interacts with nuclear factor erythroid 2-related factor 2 to mediate induction of NAD(P)H:quinoneoxidoreductase 1 by 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Archives of Biochemistry and Biophysics</i> , 2013, 537, 31-38.	3.0	53
6	Over-expression of Nrf2 diminishes ethanol-induced oxidative stress and apoptosis in neural crest cells by inducing an antioxidant response. <i>Reproductive Toxicology</i> , 2013, 42, 102-109.	2.9	38
7	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
8	Lactulose ameliorates cerebral ischemiaâ€œreperfusion injury in rats by inducing hydrogen by activating Nrf2 expression. <i>Free Radical Biology and Medicine</i> , 2013, 65, 731-741.	2.9	85
9	Genetic and cellular modifiers of oxidative stress: What can we learn from fatty acid oxidation defects?. <i>Molecular Genetics and Metabolism</i> , 2013, 110, S31-S39.	1.1	47
10	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
11	Nrf2 and Nrf1 signaling and ER stress crosstalk: implication for proteasomal degradation and autophagy. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 4681-4694.	5.4	106
12	Neu-164 and Neu-107, two novel antioxidant and anti-myeloperoxidase compounds, inhibit acute cigarette smoke-induced lung inflammation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2013, 305, L165-L174.	2.9	15
13	miR-125b transcriptionally increased by Nrf2 inhibits AhR repressor, which protects kidney from cisplatin-induced injury. <i>Cell Death and Disease</i> , 2013, 4, e899-e899.	6.3	77
14	Dietary Iron Concentration May Influence Aging Process by Altering Oxidative Stress in Tissues of Adult Rats. <i>PLoS ONE</i> , 2013, 8, e61058.	2.5	39
15	An evidence-based update on the pharmacological activities and possible molecular targets of <i>Lycium barbarum</i> polysaccharides. <i>Drug Design, Development and Therapy</i> , 2015, 9, 33.	4.3	114
16	Luteolin Modulates 6-Hydroxydopamine-Induced Transcriptional Changes of Stress Response Pathways in PC12 Cells. <i>PLoS ONE</i> , 2014, 9, e97880.	2.5	52
17	Saponins from <i>Aralia taibaiensis</i> Attenuate D-Galactose-Induced Aging in Rats by Activating FOXO3a and Nrf2 Pathways. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-13.	4.0	40
18	Omega-3 Polyunsaturated Fatty Acids Protect Neural Progenitor Cells against Oxidative Injury. <i>Marine Drugs</i> , 2014, 12, 2341-2356.	4.6	46
19	Burn to cycle: Energetics of cell-cycle control and stem cell maintenance. <i>Frontiers in Bioscience - Landmark</i> , 2014, 19, 1003.	3.0	5
20	Coffee and caffeine potentiate the anti-amyloidogenic activity of melatonin via inhibition of A β ; oligomerization and modulation of the Tau-mediated pathway in N2a/APP cells. <i>Drug Design, Development and Therapy</i> , 2014, 9, 241.	4.3	18

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23	Modulation of aryl hydrocarbon receptor (AHR)-dependent signaling by peroxisome proliferator-activated receptor γ (PPAR γ) in keratinocytes. <i>Carcinogenesis</i> , 2014, 35, 1602-1612.	2.8	24
24	Role of oxidative stress in carbon nanotube-generated health effects. <i>Archives of Toxicology</i> , 2014, 88, 1939-1964.	4.2	99
25	Ginsenoside Rb1 improves postoperative fatigue syndrome by reducing skeletal muscle oxidative stress through activation of the PI3K/Akt/Nrf2 pathway in aged rats. <i>European Journal of Pharmacology</i> , 2014, 740, 480-487.	3.5	54
26	Enhanced Oxidative Stress Resistance through Activation of a Zinc Deficiency Transcription Factor in <i>Brachypodium distachyon</i> . <i>Plant Physiology</i> , 2014, 166, 1492-1505.	4.8	14
27	Unique Pattern of Component Gene Disruption in the NRF2 Inhibitor KEAP1/CUL3/RBX1 E3-Ubiquitin Ligase Complex in Serous Ovarian Cancer. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	28
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29	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
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32	Electrophilic Warhead-Based Design of Compounds Preventing NLRP3 Inflammasome-Dependent Pyroptosis. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 10366-10382.	6.4	69
33	Paradoxical Cellular Effects and Biological Role of the Multifaceted Compound Nordihydroguaiaretic Acid. <i>Archiv Der Pharmazie</i> , 2014, 347, 685-697.	4.1	31
34	The emerging role of Nrf2 in dermatotoxicology. <i>EMBO Molecular Medicine</i> , 2014, 6, 431-433.	6.9	11
35	Chemical Tuning Enhances Both Potency Toward Nrf2 and In Vitro Therapeutic Index of Triterpenoids. <i>Toxicological Sciences</i> , 2014, 140, 462-469.	3.1	21
36	Drug resistance genomics of the antimalarial drug artemisinin. <i>Genome Biology</i> , 2014, 15, 544.	8.8	66
37	The Marburg Virus VP24 Protein Interacts with Keap1 to Activate the Cytoprotective Antioxidant Response Pathway. <i>Cell Reports</i> , 2014, 6, 1017-1025.	6.4	95
38	TOP 1 and 2, polysaccharides from <i>Taraxacum officinale</i> , inhibit NF- κ B-mediated inflammation and accelerate Nrf2-induced antioxidative potential through the modulation of PI3K-Akt signaling pathway in RAW 264.7 cells. <i>Food and Chemical Toxicology</i> , 2014, 66, 56-64.	3.6	46
39	Reversal of myofibroblast differentiation: A review. <i>European Journal of Pharmacology</i> , 2014, 734, 83-90.	3.5	71

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45	Melatonin protection against burn-induced liver injury. A review. <i>Open Medicine (Poland)</i> , 2014, 9, 148-158.	1.3	5
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47	Redox regulation of endothelial cell fate. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 3219-3239.	5.4	36
48	Mitohormesis. <i>Cell Metabolism</i> , 2014, 19, 757-766.	16.2	521
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59	Redox Regulation of Store-Operated Ca ²⁺ Entry. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 915-932.	5.4	56
60	Peroxiredoxins as multifunctional enzymes. <i>Molecular Biology</i> , 2014, 48, 520-545.	1.3	29
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78	Schisandra chinensis regulates drug metabolizing enzymes and drug transporters via activation of Nrf2-mediated signaling pathway. <i>Drug Design, Development and Therapy</i> , 2015, 9, 127.	4.3	20
79	p62/SQSTM1 is involved in cisplatin resistance in human ovarian cancer cells via the Keap1-Nrf2-ARE system. <i>International Journal of Oncology</i> , 2014, 45, 2341-2348.	3.3	63
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106	Punicalagin Induces Nrf2/HO-1 Expression via Upregulation of PI3K/AKT Pathway and Inhibits LPS-Induced Oxidative Stress in RAW264.7 Macrophages. <i>Mediators of Inflammation</i> , 2015, 2015, 1-11.	3.0	98
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141	Synthesis of Piperlongumine Analogues and Discovery of Nuclear Factor Erythroid 2-Related Factor 2 (Nrf2) Activators as Potential Neuroprotective Agents. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 5242-5255.	6.4	115
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1466	Astaxanthin protects mesenchymal stem cells from oxidative stress by direct scavenging of free radicals and modulation of cell signaling. <i>Chemico-Biological Interactions</i> , 2021, 333, 109324.	4.0	26
1467	Pterostilbene inhibits deoxynivalenol-induced oxidative stress and inflammatory response in bovine mammary epithelial cells. <i>Toxicon</i> , 2021, 189, 10-18.	1.6	12
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1753	Endoplasmic reticulum stress, chondrocyte apoptosis and oxidative stress in cartilage of broilers affected by spontaneous femoral head necrosis. <i>Poultry Science</i> , 2021, 100, 101258.	3.4	3
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1762	Ionizing radiation alters male <i>Acheta domesticus</i> courtship songs that are critical for mating success. <i>Animal Behaviour</i> , 2021, 178, 209-216.	1.9	3
1763	Early and late stage MPN patients show distinct gene expression profiles in CD34+ cells. <i>Annals of Hematology</i> , 2021, 100, 2943-2956.	1.8	9
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1776	17 β -estradiol induces temozolomide resistance through NRF2-mediated redox homeostasis in glioblastoma. <i>Free Radical Biology and Medicine</i> , 2021, 172, 430-440.	2.9	8
1778	Reactive oxygen species in cancer: Current findings and future directions. <i>Cancer Science</i> , 2021, 112, 3945-3952.	3.9	207
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1783	An enriched polyphenolic extract obtained from the by-product of <i>Rosa damascena</i> hydrodistillation activates antioxidant and proteostatic modules. <i>Phytomedicine</i> , 2021, 93, 153757.	5.3	11

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1797	Sulforaphane improves mitochondrial metabolism in fibroblasts from patients with fragile X-associated tremor and ataxia syndrome. <i>Neurobiology of Disease</i> , 2021, 157, 105427.	4.4	9
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1803	Lycopene ameliorates propionic acid-induced autism spectrum disorders by inhibiting inflammation and oxidative stress in rats. <i>Journal of Food Biochemistry</i> , 2021, 45, e13922.	2.9	8
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1824	Insulin-like growth factor II prevents oxidative and neuronal damage in cellular and mice models of Parkinson's disease. <i>Redox Biology</i> , 2021, 46, 102095.	9.0	16
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1862	Drug-Induced Demyelinating Neuropathies. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1190, 357-369.	1.6	6
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1916	Reduced chemotherapeutic sensitivity in high glucose condition: implication of antioxidant response. Oncotarget, 2019, 10, 4691-4702.	1.8	9
1917	BCATc modulates crosstalk between the PI3K/Akt and the Ras/ERK pathway regulating proliferation in triple negative breast cancer. Oncotarget, 2020, 11, 1971-1987.	1.8	10

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1920	T Cell Metabolism in Cancer Immunotherapy. <i>Immunometabolism</i> , 2020, 2, .	1.6	16
1921	Acrylonitrile induced cell cycle arrest and apoptosis by promoting the formation of reactive oxygen species in human choriocarcinoma cells. <i>Journal of Toxicological Sciences</i> , 2020, 45, 713-724.	1.5	3
1922	Cytochrome P450S and Alcoholic Liver Disease. <i>Current Pharmaceutical Design</i> , 2018, 24, 1502-1517.	1.9	76
1923	Phytosomal Curcumin Elicits Anti-tumor Properties Through Suppression of Angiogenesis, Cell Proliferation and Induction of Oxidative Stress in Colorectal Cancer. <i>Current Pharmaceutical Design</i> , 2019, 24, 4626-4638.	1.9	45
1924	Medicinal Plants As Natural Polarizers of Macrophages: Phytochemicals and Pharmacological Effects. <i>Current Pharmaceutical Design</i> , 2019, 25, 3225-3238.	1.9	14
1925	Plant Extracts and Isolated Compounds Reduce Parameters of Oxidative Stress Induced by Heavy Metals: An up-to-Date Review on Animal Studies. <i>Current Pharmaceutical Design</i> , 2020, 26, 1799-1815.	1.9	14
1926	Exploiting Anti-Inflammation Effects of Flavonoids in Chronic Inflammatory Diseases. <i>Current Pharmaceutical Design</i> , 2020, 26, 2610-2619.	1.9	17
1927	Glutathione, an Antioxidant Tripeptide: Dual Roles in Carcinogenesis and Chemoprevention. <i>Current Protein and Peptide Science</i> , 2019, 20, 907-917.	1.4	76
1928	Pharmacological Applications of Antioxidants: Lights and Shadows. <i>Current Drug Targets</i> , 2014, 15, 1177-1199.	2.1	92
1929	Molecular Understanding of the Cardiomodulation in Myocardial Infarction and the Mechanism of Vitamin E Protections. <i>Mini-Reviews in Medicinal Chemistry</i> , 2019, 19, 1407-1426.	2.4	8
1930	Insights into the Role of DNA Methylation and Protein Misfolding in Diabetes Mellitus. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2019, 19, 744-753.	1.2	6
1931	Body condition alters glutathione and nuclear factor erythroid 2-like 2 (NFE2L2)â€related antioxidant network abundance in subcutaneous adipose tissue of periparturient Holstein cows. <i>Journal of Dairy Science</i> , 2020, 103, 6439-6453.	3.4	15
1932	Protective Role of Nrf2 in Renal Disease. <i>Antioxidants</i> , 2021, 10, 39.	5.1	46
1933	Underlying Histopathology Determines Response to Oxidative Stress in Cultured Human Primary Proximal Tubular Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 560.	4.1	8
1934	The Importance of Non-Coding RNAs in Neurodegenerative Processes of Diabetes-Related Molecular Pathways. <i>Journal of Clinical Medicine</i> , 2021, 10, 9.	2.4	24
1935	QUERCETIN POTENTIATES ANTIRADICAL PROPERTIES OF EPIGALLOCATECHIN-3-GALLATE IN PERIODONTIUM OF RATS UNDER SYSTEMIC AND LOCAL ADMINISTRATION OF LIPOPOLISACCHARIDE OF SALMONELLA TYPHI. <i>WiadomoÅci Lekarskie</i> , 2019, 72, 1499-1503.	0.3	14

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1937	Rhizoma Paridis total saponins alleviate H2O2-induced oxidative stress injury by upregulating the Nrf2 pathway. <i>Molecular Medicine Reports</i> , 2020, 21, 220-228.	2.4	7
1938	4- TM -O- ² -D-Glucosyl-5-O-Methylvisamminol Attenuates Pro-Inflammatory Responses and Protects against Oxidative Damages. <i>Biomolecules and Therapeutics</i> , 2019, 27, 381-385.	2.4	3
1939	Releasing Nrf2 to promote neurite outgrowth. <i>Neural Regeneration Research</i> , 2015, 10, 1934.	3.0	7
1940	Curcuma longa L. extract improves the cortical neural connectivity during the aging process. <i>Neural Regeneration Research</i> , 2017, 12, 875.	3.0	16
1941	Astaxanthin ameliorates hepatic damage and oxidative stress in carbon tetrachloride-administered rats. <i>Pharmacognosy Research (discontinued)</i> , 2017, 9, 84.	0.6	35
1942	Antioxidant and hepatoprotective effects of Korean ginseng extract GS-KG9 in a D-galactosamine-induced liver damage animal model. <i>Nutrition Research and Practice</i> , 2020, 14, 334.	1.9	7
1943	Effects of Hyperbaric Oxygen on T helper 17/regulatory T Polarization in Antigen and Collagen-induced Arthritis: Hypoxia-inducible Factor-1 \pm as a Target. <i>Oman Medical Journal</i> , 2020, 35, e90-e90.	1.0	13
1944	Models for the study of skin wound healing. The role of Nrf2 and NF- κ B. <i>Biomedical Papers of the Medical Faculty of the University Palacký&#x0301;, Olomouc, Czechoslovakia</i> , 2017, 161, 1-13.	0.6	69
1945	Effects of Dietary Supplementation with Ferulic Acid or Vitamin E Individually or in Combination on Meat Quality and Antioxidant Capacity of Finishing Pigs. <i>Asian-Australasian Journal of Animal Sciences</i> , 2015, 28, 374-381.	2.4	36
1946	Growth hormone-releasing hormone disruption extends lifespan and regulates response to caloric restriction in mice. <i>ELife</i> , 2013, 2, e01098.	6.0	119
1947	Transcriptional networks specifying homeostatic and inflammatory programs of gene expression in human aortic endothelial cells. <i>ELife</i> , 2017, 6, .	6.0	79
1948	Glutathione de novo synthesis but not recycling process coordinates with glutamine catabolism to control redox homeostasis and directs murine T cell differentiation. <i>ELife</i> , 2018, 7, .	6.0	116
1949	Flura-seq identifies organ-specific metabolic adaptations during early metastatic colonization. <i>ELife</i> , 2019, 8, .	6.0	46
1950	Positive effects of amphiregulin on human oocyte maturation and its molecular drivers in patients with polycystic ovary syndrome. <i>Human Reproduction</i> , 2021, 37, 30-43.	0.9	15
1951	Astaxanthin Supplementation Increases Glutathione Concentrations but Does Not Impact Fat Oxidation During Exercise in Active Young Men. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2022, 32, 8-15.	2.1	4
1952	Replacing poultry by-product meal protein with soybean protein isolate in low fishmeal diets for juvenile hybrid grouper (<i>Epinephelus fuscoguttatus</i> TM — <i>Epinephelus lanceolatus</i> TM). <i>Aquaculture Nutrition</i> , 2021, 27, 2405-2415.	2.7	3
1953	Overexpressed Smurf1 is degraded in glioblastoma cells through autophagy in a p62-dependent manner. <i>FEBS Open Bio</i> , 2022, 12, 118-129.	2.3	4

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1956	Emerging Pathological Engagement of Ferroptosis in Gut Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-16.	4.0	38
1957	Nuclear factor erythroid 2-related factor 2 in human papillomavirus-related cancers. <i>Reviews in Medical Virology</i> , 2022, 32, e2308.	8.3	4
1958	Taurine alleviates kidney injury in a thioacetamide rat model by mediating Nrf2/HO-1, NQO-1 and MAPK/NF- κ B signaling pathways. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021, , .	1.4	3
1959	Impaired antioxidant KEAP1-NRF2 system in amyotrophic lateral sclerosis: NRF2 activation as a potential therapeutic strategy. <i>Molecular Neurodegeneration</i> , 2021, 16, 71.	10.8	27
1960	NRF2 Activation and Downstream Effects: Focus on Parkinson's Disease and Brain Angiotensin. <i>Antioxidants</i> , 2021, 10, 1649.	5.1	17
1961	Acylated anthocyanins: A review on their bioavailability and effects on postprandial carbohydrate metabolism and inflammation. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021, 20, 5570-5615.	11.7	49
1962	Characterization and functional study of nuclear factor erythroid 2-related factor 2 (Nrf2) in black tiger shrimp (<i>Penaeus monodon</i>). <i>Fish and Shellfish Immunology</i> , 2021, 119, 289-299.	3.6	11
1963	Reactive Oxygen Species in Acute Lymphoblastic Leukaemia: Reducing Radicals to Refine Responses. <i>Antioxidants</i> , 2021, 10, 1616.	5.1	10
1964	Tea polyphenols alleviate hydrogen peroxide-induced oxidative stress damage through the Mst/Nrf2 axis and the Keap1/Nrf2/HO-1 pathway in murine RAW264.7 cells. <i>Experimental and Therapeutic Medicine</i> , 2021, 22, 1473.	1.8	12
1965	Healthy ageing and Mediterranean diet: A focus on hormetic phytochemicals. <i>Mechanisms of Ageing and Development</i> , 2021, 200, 111592.	4.6	13
1966	Characterization of hepatic zonation in mice by mass-spectrometric and antibody-based proteomics approaches. <i>Biological Chemistry</i> , 2022, 403, 331-343.	2.5	3
1967	Nrf2 Activation Attenuates Chronic Constriction Injury-Induced Neuropathic Pain via Induction of PGC-1 α -Mediated Mitochondrial Biogenesis in the Spinal Cord. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-17.	4.0	28
1968	PARK7 promotes repair in early steroid-induced osteonecrosis of the femoral head by enhancing resistance to stress-induced apoptosis in bone marrow mesenchymal stem cells via regulation of the Nrf2 signaling pathway. <i>Cell Death and Disease</i> , 2021, 12, 940.	6.3	24
1969	Gastric <i>Helicobacter suis</i> Infection Partially Protects against Neurotoxicity in A 6-OHDA Parkinson's Disease Mouse Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11328.	4.1	2
1970	<i>Laminaria japonica</i> fucoidan ameliorates cyclophosphamide-induced liver and kidney injury possibly by regulating Nrf2/HO-1 and TLR4/NF- κ B signaling pathways. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 2604-2612.	3.5	19
1971	Catalpol Protects ARPE-19 Cells against Oxidative Stress via Activation of the Keap1/Nrf2/ARE Pathway. <i>Cells</i> , 2021, 10, 2635.	4.1	23
1972	Cycloastragenol, a Triterpenoid Saponin, Regulates Oxidative Stress, Neurotrophic Dysfunctions, Neuroinflammation and Apoptotic Cell Death in Neurodegenerative Conditions. <i>Cells</i> , 2021, 10, 2719.	4.1	20

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1974	Ethoxyquin attenuate oxidant stress, inflammatory response and apoptosis in liver of <i>Channa argus</i> fed with high-fat dietary. <i>Aquaculture Reports</i> , 2021, 21, 100889.	1.7	1
1975	Cells to Surgery Quiz: November 2021. <i>Journal of Investigative Dermatology</i> , 2021, 141, e137-e140.	0.7	0
1976	Phosphodiesterase 4B is required for NLRP3 inflammasome activation by positive feedback with Nrf2 in the early phase of LPS- induced acute lung injury. <i>Free Radical Biology and Medicine</i> , 2021, 176, 378-391.	2.9	11
1977	The protective effect of sulforaphane against oxidative stress in granulosa cells of patients with polycystic ovary syndrome (PCOS) through activation of AMPK/AKT/NRF2 signaling pathway. <i>Reproductive Biology</i> , 2021, 21, 100563.	1.9	13
1978	Effect of metformin treatment on memory and hippocampal neurogenesis decline correlated with oxidative stress induced by methotrexate in rats. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112280.	5.6	18
1979	Alcohol Upregulation of CYP2A5: Role of Reactive Oxygen Species. <i>Reactive Oxygen Species (Apex, N C)</i> , 0, , .	5.4	5
1980	Role of Mitochondrial Reactive Oxygen and Nitrogen Species in Respiratory Diseases. <i>Respiratory Medicine</i> , 2014, , 1-25.	0.1	1
1981	Intensity - and Time Course-Based Classifications of Oxidative Stresses. <i>Journal of Vasyl Stefanyk Precarpathian National University</i> , 2020, 2, 9-24.	0.2	0
1982	Wissenschaftliche Grundlagen, Stand und Perspektiven der Plasmamedizin. , 2016, , 17-32.		1
1983	NAD(P)H-quinone oxidoreductase-1 silencing modulates cytoprotection related protein expression in cisplatin cytotoxicity. <i>Korean Journal of Veterinary Research</i> , 2016, 56, 15-21.	0.3	0
1984	Evaluating the Renoprotective Activity of 4-Methylthiobutyl Isothiocyanate against 7,12-Dimethylbenz(±) anthracene generated Radical Stress in Male Wistar Rats. <i>AMEI S Current Trends in Diagnosis & Treatment</i> , 2017, 1, 10-14.	0.1	0
1985	Roles of Reactive Oxygen Species in Diseases and Development of Novel Antioxidant Therapeutics. <i>Y Hoc Thanh Pho Ho Chi Minh</i> , 2017, 2, 1-6.	0.0	0
1986	The Safety of Nanomaterials on Molecular and Cellular Scale. <i>Advanced Materials and Technologies</i> , 2017, , 629-662.	0.4	0
1988	The Effects of <i>Cosmos caudatus</i> (Ulam Raja) on the Levels of Expression of Nrf2 Target Genes in Mice Liver. <i>Journal of Pharmacy and Nutrition Sciences (discontinued)</i> , 2017, 7, 147-157.	0.4	2
1990	NEGATIVE EFFECT OF LONG-TERM FEEDING ON CHICKEN AND EGG-LAYING HENS OF GENETICALLY MODIFIED ROUNDRESISTANT SOYBEAN ON THE WITHDRAWAL OF CHICKENS AND THEIR VIABILITY. <i>Bulletin of Problems Biology and Medicine</i> , 2018, 2, 110.	0.1	3
1991	Oxidative Stress and Inflammation Induced by Environmental and Psychological Stressors: A Biomarker Perspective. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
1992	INTERACTION OF GLYPHOSATE WITH AMINO ACIDS OF A GENETICALLY MODIFIED ROUNDUP-RESISTANT AND NOT GENETICALLY MODIFIED SOYBEAN IN AQUEOUS SOLUTION IN THE CONDITIONS OF IN VITRO. <i>Bulletin of Problems Biology and Medicine</i> , 2018, 1.1, 73.	0.1	0

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2002	Role of Oxidative Stress in Chronic Kidney Disease. , 2020, , 259-276.		1
2003	ZJ01, a Small Molecule Inhibitor of the Kelch-Like ECH-Associated Protein 1-Nuclear Factor Erythroid 2-Related Factor 2 (Keap1-Nrf2) Protein-Protein Interaction, Reduces Hyperoxic Acute Lung Injury in a Mouse Model. Medical Science Monitor, 2020, 26, e920467.	1.1	3
2004	Mistimed H<sub>2</sub><sub>S</sub> upregulation, Nrf2 activation and antioxidant proteins levels in renal tubular epithelial cells subjected to anoxia and reoxygenation. Biomedical Reports, 2020, 13, 3.	2.0	5
2006	Role of CYP4F2 as a novel biomarker regulating malignant phenotypes of liver cancer cells via the Nrf2 signaling axis. Oncology Letters, 2020, 20, 13.	1.8	4
2008	Inflammatory pathways involved in adipose tissue hypertrophy and the effect of Acai (Euterpe oleracea) Tj ETQq1 1 0.784314 rgBT /Ove e62996813.	0.1	0
2009	EMERGING ROLE OF NRF2 AS A POTENTIAL THERAPEUTIC TARGET FOR CARDIOVASCULAR DISEASES. , 2020, , 1-9.		0
2010	The broadening scope of oral mucositis and oral ulcerative mucosal toxicities of anticancer therapies. Ca-A Cancer Journal for Clinicians, 2022, 72, 57-77.	329.8	60
2011	Blood-Brain Barrier Dysfunction in CNS Disorders and Putative Therapeutic Targets: An Overview. Pharmaceutics, 2021, 13, 1779.	4.5	59
2012	Current views in chronic obstructive pulmonary disease pathogenesis and management. Saudi Pharmaceutical Journal, 2021, 29, 1361-1373.	2.7	15
2013	Îl&B kinase promotes Nrf2 ubiquitination and degradation by phosphorylating cylindromatosis, aggravating oxidative stress injury in obesity-related nephropathy. Molecular Medicine, 2021, 27, 137.	4.4	10
2014	Cerium Oxide Nanoparticles Alleviate Hepatic Fibrosis Phenotypes In Vitro. International Journal of Molecular Sciences, 2021, 22, 11777.	4.1	13
2015	Mitochondrial quality control in cartilage damage and osteoarthritis: new insights and potential therapeutic targets. Osteoarthritis and Cartilage, 2022, 30, 395-405.	1.3	27
2016	Cell Biology Meets Cell Metabolism: Energy Production Is Similar in Stem Cells and in Cancer Stem Cells in Brain and Bone Marrow. Journal of Histochemistry and Cytochemistry, 2022, 70, 29-51.	2.5	7
2017	Synthetic Triterpenoid <scp>RTA</scp>&€408: Limits Radiation Damage to Normal Tissue. Laryngoscope, 2022, 132, 1196-1204.	2.0	1
2018	A versatile flavonoid Quercetin: Study of its toxicity and differential gene expression in the liver of mice. Phytomedicine Plus, 2022, 2, 100148.	2.0	9
2019	Oleic acid alleviates LPS-induced acute kidney injury by restraining inflammation and oxidative stress via the Ras/MAPKs/PPAR-Î³ signaling pathway. Phytomedicine, 2022, 94, 153818.	5.3	34
2020	Erythritol Improves Nonalcoholic Fatty Liver Disease by Activating Nrf2 Antioxidant Capacity. Journal of Agricultural and Food Chemistry, 2021, 69, 13080-13092.	5.2	17

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2022	The Effect of <i>Lonicera japonica</i> Extract in Wound-induced Rats. Journal of Korean Medicine Rehabilitation, 2020, 30, 47-61.	0.5	1
2023	Elevation of gene expression of Btg2, Gadd 153, and antioxidant markers in RONS-induced PC12 cells. Beni-Suef University Journal of Basic and Applied Sciences, 2020, 9, .	2.0	0
2024	Especies reactivas de ox�geno, estr�s oxidativo y su relaci�n con la destrucci�n tisular en periodontitis. C E S Odontologia, 2020, 33, 112-127.	0.1	1
2026	ZhenQi FuZheng formula�mediated improvement of hematopoietic function in cyclophosphamide�treated mice via the upregulation of macrophage colony�stimulating factor concentrations. Clinical and Translational Medicine, 2020, 10, e256.	4.0	1
2027	Toxicological impact of organic ultrafine particles (UFPs) in human bronchial epithelial BEAS-2B cells at air-liquid interface. Toxicology in Vitro, 2022, 78, 105258.	2.4	12
2028	Structure-guided discovery of antioxidant peptides bounded to the Keap1 receptor as hunter for potential dietary antioxidants. Food Chemistry, 2022, 373, 130999.	8.2	17
2029	The Growing Clinical Relevance of Cellular Stress Responses and Regulated Cell Death. , 2020, , 117-150.		0
2030	Clinico-pathological and prognostic implications of Srx, Nrf2, and PROX1 expression in gastric cancer and adjacent non-neoplastic mucosa �� an immunohistochemical study. Wspolczesna Onkologia, 2020, 24, 229-240.	1.4	1
2031	Lipid-rich fraction of the sclerotium of Tiger Milk Mushroom <i>Lignosus rhinocerotis</i> (Agaricomycetes) attenuates LPS-induced inflammation in BV2 cells via Nrf2 pathway. Brazilian Journal of Pharmaceutical Sciences, 0, 56, .	1.2	1
2032	Autophagy and the potential linkage with the human oral diseases. Journal of Dental Problems and Solutions, 2020, 7, 010-019.	0.0	1
2033	Peroxisomal abnormalities and catalase deficiency in Hutchinson-Gilford Progeria Syndrome. Aging, 2020, 12, 5195-5208.	3.1	10
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2035	Acid Sphingomyelinase Controls Early Phases of Skeletal Muscle Regeneration by Shaping the Macrophage Phenotype. Cells, 2021, 10, 3028.	4.1	4
2036	The Potential Application of Chinese Medicine in Liver Diseases: A New Opportunity. Frontiers in Pharmacology, 2021, 12, 771459.	3.5	16
2037	Activation of the ROS/CncC and 20-Hydroxyecdysone Signaling Pathways Is Associated with Xanthotoxin-Induced Tolerance to ��-Cyhalothrin in <i>Spodoptera litura</i> . Journal of Agricultural and Food Chemistry, 2021, 69, 13425-13435.	5.2	21
2038	Interplay between Mitochondrial Metabolism and Cellular Redox State Dictates Cancer Cell Survival. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-20.	4.0	15
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2041	Chapter 2: Antioxidant systems in animal body. , 2020, , 53-92.		0
2042	Sesn2 attenuates the damage of endothelial progenitor cells induced by angiotensin II through regulating the Keap1/Nrf2 signal pathway. Aging, 2020, 12, 25505-25527.	3.1	10
2043	Looking for immortality: Review of phytotherapy for stem cell senescence. Iranian Journal of Basic Medical Sciences, 2020, 23, 154-166.	1.0	4
2044	Protein Oxidative Modifications: Beneficial Roles in Disease and Health. Journal of Biochemical and Pharmacological Research, 2013, 1, 15-26.	1.7	100
2045	Classification of oxidative stress based on its intensity. EXCLI Journal, 2014, 13, 922-37.	0.7	33
2046	Oxidative stress participates in quadriceps muscle dysfunction during the initiation of osteoarthritis in rats. International Journal of Clinical and Experimental Pathology, 2015, 8, 12491-9.	0.5	7
2047	Advances in mechanisms of anti-oxidation. Discovery Medicine, 2014, 17, 121-30.	0.5	17
2048	Alcohol Upregulation of CYP2A5: Role of Reactive Oxygen Species. Reactive Oxygen Species (Apex, N C), 2016, 1, 117-130.	5.4	5
2049	Mitochondrial-targeted antioxidant MitoQ provides neuroprotection and reduces neuronal apoptosis in experimental traumatic brain injury possibly via the Nrf2-ARE pathway. American Journal of Translational Research (discontinued), 2018, 10, 1887-1899.	0.0	40
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2051	Aberrant expression of oxidative stress related proteins affects the pregnancy outcome of gestational diabetes mellitus patients. American Journal of Translational Research (discontinued), 2019, 11, 269-279.	0.0	5
2052	Schisandrin B attenuates lipopolysaccharide-induced activation of hepatic stellate cells through Nrf-2-activating anti-oxidative activity. International Journal of Clinical and Experimental Pathology, 2018, 11, 4917-4925.	0.5	2
2053	Reoxygenation induces reactive oxygen species production and ferroptosis in renal tubular epithelial cells by activating aryl hydrocarbon receptor. Molecular Medicine Reports, 2021, 23, .	2.4	4
2054	Molecular hydrogen is comparable to sulfasalazine as a treatment for DSS-induced colitis in mice. EXCLI Journal, 2021, 20, 1106-1117.	0.7	0
2055	Lithium promotes recovery after spinal cord injury. Neural Regeneration Research, 2022, 17, 1324.	3.0	15
2056	Silent information regulator 1 ameliorates oxidative stress injury via PGC-1 α /PPAR γ -Nrf2 pathway after ischemic stroke in rat. Brain Research Bulletin, 2022, 178, 37-48.	3.0	5
2057	Designing robust chitosan-based hydrogels for stem cell nesting under oxidative stress. BiolImpacts, 2021, 12, 57-64.	1.5	2

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2059	Ameliorate impacts of scopoletin against vancomycin-induced intoxication in rat model through modulation of Keap1-Nrf2/HO-1 and I κ B- β -P65 NF- κ B/P38 MAPK signaling pathways: Molecular study, molecular docking evidence and network pharmacology analysis. International Immunopharmacology, 2022, 102, 108382.	3.8	15
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2061	Bioactive Compounds in Oxidative Stress-Mediated Diseases: Targeting the NRF2/ARE Signaling Pathway and Epigenetic Regulation. Antioxidants, 2021, 10, 1859.	5.1	74
2062	Antioxidant support to ameliorate the oxaliplatin-dependent microglial alteration: morphological and molecular study. European Journal of Histochemistry, 2021, 65, .	1.5	1
2063	Recent Progress of Ferroptosis in Lung Diseases. Frontiers in Cell and Developmental Biology, 2021, 9, 789517.	3.7	29
2064	Honokiol alleviates LPS-induced acute lung injury by inhibiting NLRP3 inflammasome-mediated pyroptosis via Nrf2 activation in vitro and in vivo. Chinese Medicine, 2021, 16, 127.	4.0	40
2065	Isoquercitrin Upregulates Aldolase C Through Nrf2 to Ameliorate OGD/R-Induced Damage in SH-SY5Y Cells. Neurotoxicity Research, 2021, 39, 1959-1969.	2.7	3
2066	Mokko Lactone Attenuates Doxorubicin-Induced Hepatotoxicity in Rats: Emphasis on Sirt-1/FOXO1/NF- κ B Axis. Nutrients, 2021, 13, 4142.	4.1	11
2067	A Mix of Dietary Fibres Changes Interorgan Nutrients Exchanges and Muscle-Adipose Energy Handling in Overfed Mini-Pigs. Nutrients, 2021, 13, 4202.	4.1	2
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2071	Oxidative Stress and Inflammation Caused by Cisplatin Ototoxicity. Antioxidants, 2021, 10, 1919.	5.1	35
2072	Anemopsis californica Attenuates Photoaging by Regulating MAPK, NRF2, and NFATc1 Signaling Pathways. Antioxidants, 2021, 10, 1882.	5.1	2
2073	Insight into the Double-Edged Role of Ferroptosis in Disease. Biomolecules, 2021, 11, 1790.	4.0	15
2074	Climate change affects the parasitism rate and impairs the regulation of genes related to oxidative stress and ionoregulation of Colossoma macropomum. Scientific Reports, 2021, 11, 22350.	3.3	7
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2089	Yin-Yang of Oxidative Stress in Pancreatic Cancers. , 2021, , 1-23.		0
2090	The Effects of Ginsenosides on the Nrf2 Signaling Pathway. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1328, 307-322.	1.6	3
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2093	miR-6077 Promotes Cisplatin/Pemetrexed Resistance in Lung Adenocarcinoma by Targeting CDKN1A/Cell Cycle Arrest and KEAP1/Ferroptosis Pathways. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
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2096	<i>Withania somnifera</i> and <i>Centella asiatica</i> Extracts Ameliorate Behavioral Deficits in an In Vivo <i>Drosophila melanogaster</i> Model of Oxidative Stress. <i>Antioxidants</i> , 2022, 11, 121.	5.1	5
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2098	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.	2.4	17
2099	Intracellular pH-mediated induction of apoptosis in HeLa cells by a sulfonamide carbonic anhydrase inhibitor. <i>International Journal of Biological Macromolecules</i> , 2022, 201, 37-46.	7.5	10
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2102	The transcription factor NRF2 shapes the identity of radio-resistant tumor cells. , 2020, 1, 49-81.		0
2103	Reoxygenation induces reactive oxygen species production and ferroptosis in renal tubular epithelial cells by activating aryl hydrocarbon receptor. <i>Molecular Medicine Reports</i> , 2020, 23, 1-1.	2.4	23
2104	Immunosuppression in Multiple Sclerosis and Other Neurologic Disorders. <i>Handbook of Experimental Pharmacology</i> , 2021, , 245-265.	1.8	1
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2106	Adverse Effects of Chrysene on Human Hepatocytes via Inducement of Oxidative Stress and Dysregulation of Xenobiotic Metabolism. <i>Polycyclic Aromatic Compounds</i> , 0, , 1-12.	2.6	1
2107	Extracellular vesicles in vascular remodeling. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 2191-2201.	6.1	17
2108	Nrf2/ARE axis signalling in hepatocyte cellular death. <i>Molecular Biology Reports</i> , 2022, 49, 4039-4053.	2.3	12
2109	Gallic Acid and Gallic Acid Nanoparticle Modulate Insulin Secretion Pancreatic Î²-Islets against Silica Nanoparticleâ€”Induced Oxidative Damage. <i>Biological Trace Element Research</i> , 2022, 200, 5159-5171.	3.5	3
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2111	Xenobiotic responses in insects. <i>Archives of Insect Biochemistry and Physiology</i> , 2022, 109, e21869.	1.5	24
2112	Effects of Selenium as a Dietary Source on Performance, Inflammation, Cell Damage, and Reproduction of Livestock Induced by Heat Stress: A Review. <i>Frontiers in Immunology</i> , 2021, 12, 820853.	4.8	18

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2114	Resveratrol Treats UVB-Induced Photoaging by Anti-MMP Expression, through Anti-Inflammatory, Antioxidant, and Antiapoptotic Properties, and Treats Photoaging by Upregulating VEGF-B Expression. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-19.	4.0	42
2115	Commonly used surfactants sodium dodecyl sulphate, cetylpyridinium chloride and sodium laureth sulphate and their effects on antioxidant defence system and oxidative stress indices in <i>Cyprinus carpio</i> L.: an integrated in silico and in vivo approach. <i>Environmental Science and Pollution Research</i> , 2022, , 1.	5.3	6
2116	Multifunctional Supramolecular Filament Hydrogel Boosts Anti-Inflammatory Efficacy In Vitro and In Vivo. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	15
2117	High Fructose Negatively Impacts Proliferation of NSC-34 Motor Neuron Cell Line. <i>Journal of Neurosciences in Rural Practice</i> , 2022, 13, 114-118.	0.8	0
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2120	Oxidative damage prevention in human skin and sensory neurons by a salicylic acid derivative. <i>Free Radical Biology and Medicine</i> , 2022, 181, 98-104.	2.9	5
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2125	Doxorubicin-Induced Cardiotoxicity: An Overview on Pre-clinical Therapeutic Approaches. <i>Cardiovascular Toxicology</i> , 2022, 22, 292-310.	2.7	57
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2168	Protective Effects of <i>Mitragyna inermis</i> Roots Methanol Extract on Acetaminophen-Induced Hepatic Injuries in Wistar Rats. <i>Journal of Medical Sciences (Faisalabad, Pakistan)</i> , 2022, 22, 13-21.	0.0	0

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2198	Goji Berry: Health Promoting Properties. <i>Nutraceuticals</i> , 2022, 2, 32-48.	1.7	8
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2214	Moringa Oleifera Lam. in Cardiometabolic Disorders: A Systematic Review of Recent Studies and Possible Mechanism of Actions. <i>Frontiers in Pharmacology</i> , 2022, 13, 792794.	3.5	6
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2218	Periostin regulates LPS-induced apoptosis via Nrf2/HO-1 pathway in periodontal ligament fibroblasts. <i>Oral Diseases</i> , 2023, 29, 2188-2204.	3.0	6
2219	Electroacupuncture at Zusanli ameliorates the autistic-like behaviors of rats through activating the Nrf2-mediated antioxidant responses. <i>Gene</i> , 2022, 828, 146440.	2.2	4
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2222	DnaJC7 in Amyotrophic Lateral Sclerosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4076.	4.1	12
2223	Novel oral edaravone attenuates diastolic dysfunction of diabetic cardiomyopathy by activating the Nrf2 signaling pathway. <i>European Journal of Pharmacology</i> , 2022, 920, 174846.	3.5	7
2224	Maf regulates the overexpression of CYP307A1, which is involved in the fitness advantage of bistrifluron-resistant <i>Spodoptera litura</i> (Fab.) (Noctuidae: Lepidoptera). <i>Ecotoxicology and Environmental Safety</i> , 2022, 234, 113425.	6.0	2
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2234	Sitokalsin B Tedavisi, Nrf2 Sinyal Yoluyla U87 Glioblastoma H $\frac{1}{4}$ crelerinde Anti-Proliferatif Etkiler G $\frac{1}{4}$ sterdi. Celal Bayar \ddot{A} oeniversitesi Sa \ddot{A} YA \pm k Bilimleri Enstit \ddot{A} $\frac{1}{4}$ s \ddot{A} $\frac{1}{4}$ Dergisi, 0, , .	0.3	0
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2237	Peroxiredoxin 6 Applied after Exposure Attenuates Damaging Effects of X-ray Radiation in 3T3 Mouse Fibroblasts. <i>Antioxidants</i> , 2021, 10, 1951.	5.1	6
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2364	Taurine attenuates AFB1-induced liver injury by alleviating oxidative stress and regulating mitochondria-mediated apoptosis. <i>Toxicol</i> , 2022, 215, 17-27.	1.6	11
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2808	Melatonin and Aging. <i>Sub-Cellular Biochemistry</i> , 2023, , 291-307.	2.4	1
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2817	Polyunsaturated Fatty Acids: Conversion to Lipid Mediators, Roles in Inflammatory Diseases and Dietary Sources. <i>International Journal of Molecular Sciences</i> , 2023, 24, 8838.	4.1	10
2818	SARS-CoV-2 ORF3a sensitizes cells to ferroptosis via Keap1-NRF2 axis. <i>Redox Biology</i> , 2023, 63, 102752.	9.0	8
2819	The Role of Nrf2/sMAF Signalling in Retina Ageing and Retinal Diseases. <i>Biomedicines</i> , 2023, 11, 1512.	3.2	4

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2884	Thymoquinone Ameliorates Carfilzomib-Induced Renal Impairment by Modulating Oxidative Stress Markers, Inflammatory/Apoptotic Mediators, and Augmenting Nrf2 in Rats. <i>International Journal of Molecular Sciences</i> , 2023, 24, 10621.	4.1	2
2885	Nrf2 Drives Hepatocellular Carcinoma Progression through Acetyl-CoA-Mediated Metabolic and Epigenetic Regulatory Networks. <i>Molecular Cancer Research</i> , 2023, 21, 1079-1092.	3.4	0
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2896	Neuroprotective Potential of Brown Seaweed Phytochemicals in Rodent Models of Cerebral Ischemia. <i>Journal of Medicinal Food</i> , 2023, 26, 436-444.	1.5	0
2897	LAR Downregulation Protects the Astrocytic U251 and Cocultured SH-SY5Y Cells in a Rotenone-Induced Parkinson's Disease Cell Model. <i>International Journal of Molecular Sciences</i> , 2023, 24, 11111.	4.1	1
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2947	Selenomethionine Attenuated H ₂ O ₂ -Induced Oxidative Stress and Apoptosis by Nrf2 in Chicken Liver Cells. <i>Antioxidants</i> , 2023, 12, 1685.	5.1	3
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2955	The pentose phosphate pathway in health and disease. <i>Nature Metabolism</i> , 2023, 5, 1275-1289.	11.9	28
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2958	Disorders of Endogenous and Exogenous Antioxidants in Neurological Diseases. <i>Antioxidants</i> , 2023, 12, 1811.	5.1	3
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