

Role of Nrf2 in Oxidative Stress and Toxicity

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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.	7.1	265
4	Chronic nitric oxide deprivation induces an adaptive antioxidant status in human endothelial cells. <i>Cellular Signalling</i> , 2013, 25, 2290-2297.	1.7	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.	1.4	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.	1.3	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.	3.9	92
8	Lactulose ameliorates cerebral ischemia-reperfusion injury in rats by inducing hydrogen by activating Nrf2 expression. <i>Free Radical Biology and Medicine</i> , 2013, 65, 731-741.	1.3	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.	0.5	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.	1.2	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.	2.4	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.	1.3	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.	2.7	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.	1.1	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.	2.0	114
16	Luteolin Modulates 6-Hydroxydopamine-Induced Transcriptional Changes of Stress Response Pathways in PC12 Cells. <i>PLoS ONE</i> , 2014, 9, e97880.	1.1	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.	1.9	40
18	Omega-3 Polyunsaturated Fatty Acids Protect Neural Progenitor Cells against Oxidative Injury. <i>Marine Drugs</i> , 2014, 12, 2341-2356.	2.2	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.	2.0	18

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21	Adoptive Transfer of Heme Oxygenase-1 (HO-1)-Modified Macrophages Rescues the Nuclear Factor Erythroid 2-Related Factor (Nrf2) Antiinflammatory Phenotype in Liver Ischemia/Reperfusion Injury. <i>Molecular Medicine</i> , 2014, 20, 448-455.	1.9	45
23	Modulation of aryl hydrocarbon receptor (AHR)-dependent signaling by peroxisome proliferator-activated receptor β (PPAR β) in keratinocytes. <i>Carcinogenesis</i> , 2014, 35, 1602-1612.	1.3	24
24	Role of oxidative stress in carbon nanotube-generated health effects. <i>Archives of Toxicology</i> , 2014, 88, 1939-1964.	1.9	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.	1.7	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.	2.3	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.	0.9	28
28	Cellular Oxidative Stress Response Controls the Antiviral and Apoptotic Programs in Dengue Virus-Infected Dendritic Cells. <i>PLoS Pathogens</i> , 2014, 10, e1004566.	2.1	204
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.	0.7	24
30	Anti-Inflammatory Effect and Mechanism of the Green Fruit Extract of <i>Solanum integrifolium</i> Poir.. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	8
31	BRCA1 and Oxidative Stress. <i>Cancers</i> , 2014, 6, 771-795.	1.7	43
32	Electrophilic Warhead-Based Design of Compounds Preventing NLRP3 Inflammasome-Dependent Pyroptosis. <i>Journal of Medicinal Chemistry</i> , 2014, 57, 10366-10382.	2.9	69
33	Paradoxical Cellular Effects and Biological Role of the Multifaceted Compound Nordihydroguaiaretic Acid. <i>Archiv Der Pharmazie</i> , 2014, 347, 685-697.	2.1	31
34	The emerging role of Nrf2 in dermatotoxicology. <i>EMBO Molecular Medicine</i> , 2014, 6, 431-433.	3.3	11
35	Chemical Tuning Enhances Both Potency Toward Nrf2 and In Vitro Therapeutic Index of Triterpenoids. <i>Toxicological Sciences</i> , 2014, 140, 462-469.	1.4	21
36	Drug resistance genomics of the antimalarial drug artemisinin. <i>Genome Biology</i> , 2014, 15, 544.	3.8	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.	2.9	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.	1.8	46
39	Reversal of myofibroblast differentiation: A review. <i>European Journal of Pharmacology</i> , 2014, 734, 83-90.	1.7	71

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40	Mitigation of radiation-induced hematopoietic injury via regulation of cellular MAPK/phosphatase levels and increasing hematopoietic stem cells. <i>Free Radical Biology and Medicine</i> , 2014, 68, 52-64.	1.3	29
41	Marburgvirus Hijacks Nrf2-Dependent Pathway by Targeting Nrf2-Negative Regulator Keap1. <i>Cell Reports</i> , 2014, 6, 1026-1036.	2.9	77
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44	Silencing of Hsp90 Chaperone Expression Protects Against 6-Hydroxydopamine Toxicity in PC12 Cells. <i>Journal of Molecular Neuroscience</i> , 2014, 52, 392-402.	1.1	20
45	Melatonin protection against burn-induced liver injury. A review. <i>Open Medicine (Poland)</i> , 2014, 9, 148-158.	0.6	5
46	Conditioned Media of Choroid Plexus Epithelial Cells Induces Nrf2-Activated Phase II Antioxidant Response Proteins and Suppresses Oxidative Stress-Induced Apoptosis in PC12 Cells. <i>Journal of Molecular Neuroscience</i> , 2014, 53, 617-625.	1.1	14
47	Redox regulation of endothelial cell fate. <i>Cellular and Molecular Life Sciences</i> , 2014, 71, 3219-3239.	2.4	36
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57	A FoxO1-dependent, but NRF2-independent induction of heme oxygenase-1 during muscle atrophy. <i>FEBS Letters</i> , 2014, 588, 79-85.	1.3	44

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59	Redox Regulation of Store-Operated Ca ²⁺ Entry. <i>Antioxidants and Redox Signaling</i> , 2014, 21, 915-932.	2.5	56
60	Peroxiredoxins as multifunctional enzymes. <i>Molecular Biology</i> , 2014, 48, 520-545.	0.4	29
61	Predicting the environmental impact of nanosilver. <i>Environmental Toxicology and Pharmacology</i> , 2014, 38, 861-873.	2.0	121
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77	Pathophysiological processes in multiple sclerosis: focus on nuclear factor erythroid-2-related factor 2 and emerging pathways. <i>Clinical Pharmacology: Advances and Applications</i> , 2014, 6, 35.	0.8	16
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.	2.0	20
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80	Inhibition of NRF2 by PIK-75 augments sensitivity of pancreatic cancer cells to gemcitabine. <i>International Journal of Oncology</i> , 2014, 44, 959-969.	1.4	51
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97	Pharmacokinetic and nephroprotective benefits of using Schisandra chinensis extracts in a cyclosporine A-based immune-suppressive regime. <i>Drug Design, Development and Therapy</i> , 2015, 9, 4997.	2.0	12
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105	Lico A Enhances Nrf2-Mediated Defense Mechanisms against BHP-Induced Oxidative Stress and Cell Death via Akt and ERK Activation in RAW 264.7 Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-13.	1.9	36
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108	Seizure-Induced Oxidative Stress in Temporal Lobe Epilepsy. <i>BioMed Research International</i> , 2015, 2015, 1-20.	0.9	160
109	Pneumococcal Hydrogen Peroxide-Induced Stress Signaling Regulates Inflammatory Genes. <i>Journal of Infectious Diseases</i> , 2015, 211, 306-316.	1.9	31
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130	Regulation of Signal Transduction by Reactive Oxygen Species in the Cardiovascular System. <i>Circulation Research</i> , 2015, 116, 531-549.	2.0	397
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137	Quercetin Metabolites Upâ€™Regulate the Antioxidant Response in Osteoblasts Isolated From Fetal Rat Calvaria. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 1857-1866.	1.2	35
138	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
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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.	2.9	115
142	Alteration of serum lipid profile, SRB1 loss, and impaired Nrf2 activation in CDKL5 disorder. <i>Free Radical Biology and Medicine</i> , 2015, 86, 156-165.	1.3	19
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1272	Mitochondrial retrograde signalling in neurological disease. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190415.	1.8	21
1273	The optimum dietary isoleucine requirement of juvenile hybrid grouper (<i>Epinephelus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50,662 Td (f	1.1	21
1274	Adaptation of the master antioxidant response connects metabolism, lifespan and feather development pathways in birds. <i>Nature Communications</i> , 2020, 11, 2476.	5.8	34
1275	Functional Analysis of Differentially Expressed Acetylated Spermatozoal Proteins in Infertile Men with Unilateral and Bilateral Varicocele. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3155.	1.8	14
1276	Oxidative Stress in DNA Repeat Expansion Disorders: A Focus on NRF2 Signaling Involvement. <i>Biomolecules</i> , 2020, 10, 702.	1.8	17
1277	<i>Mycobacterium tuberculosis</i> Rv3034c regulates mTORC1 and PPAR dependent pexophagy mechanism to control redox levels in macrophages. <i>Cellular Microbiology</i> , 2020, 22, e13214.	1.1	11
1278	Identification of heme oxygenase-1 from golden pompano (<i>Trachinotus ovatus</i>) and response of Nrf2/HO-1 signaling pathway to copper-induced oxidative stress. <i>Chemosphere</i> , 2020, 253, 126654.	4.2	24
1279	Exosomes derived from chemically induced human hepatic progenitors inhibit oxidative stress induced cell death. <i>Biotechnology and Bioengineering</i> , 2020, 117, 2658-2667.	1.7	10
1280	($\hat{\alpha}$)-Loliolide Isolated from <i>Sargassum horneri</i> Protects against Fine Dust-Induced Oxidative Stress in Human Keratinocytes. <i>Antioxidants</i> , 2020, 9, 474.	2.2	24
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1283	Insulin resistance and Parkinson's disease. , 2020, , 293-347.		0
1284	Copper mediates mitochondrial biogenesis in retinal pigment epithelial cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165843.	1.8	10
1285	Effects of 2-MCPD on oxidative stress in different organs of male mice. <i>Food and Chemical Toxicology</i> , 2020, 142, 111459.	1.8	5
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1287	Post-Treatment of Synthetic Polyphenolic 1,3,4 Oxadiazole Compound A3, Attenuated Ischemic Stroke-Induced Neuroinflammation and Neurodegeneration. <i>Biomolecules</i> , 2020, 10, 816.	1.8	39
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1290	Biotransformation Capacity of Zebrafish (<i>Danio rerio</i>) Early Life Stages: Functionality of the Mercapturic Acid Pathway. <i>Toxicological Sciences</i> , 2020, 176, 355-365.	1.4	5
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1293	Mechanisms involved in the unbalanced redox homeostasis in osteoblastic cellular model of Alkaptonuria. <i>Archives of Biochemistry and Biophysics</i> , 2020, 690, 108416.	1.4	7
1294	Chronic Inflammation in the Context of Everyday Life: Dietary Changes as Mitigating Factors. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4135.	1.2	67
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1297	The Role of Nutri(epi)genomics in Achieving the Body's Full Potential in Physical Activity. <i>Antioxidants</i> , 2020, 9, 498.	2.2	10
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1300	NRF2-Driven KEAP1 Transcription in Human Lung Cancer. <i>Molecular Cancer Research</i> , 2020, 18, 1465-1476.	1.5	9
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1305	Development of a <i>Drosophila melanogaster</i> based model for the assessment of cadmium and mercury mediated renal tubular toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2020, 201, 110811.	2.9	14
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1309	RNA sequencing of corneas from two keratoconus patient groups identifies potential biomarkers and decreased NRF2-antioxidant responses. <i>Scientific Reports</i> , 2020, 10, 9907.	1.6	33
1310	Effects of sulforaphane on brain mitochondria: mechanistic view and future directions. <i>Journal of Zhejiang University: Science B</i> , 2020, 21, 263-279.	1.3	16
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1316	Regulation of KCNMA1 transcription by Nrf2 in coronary arterial smooth muscle cells. <i>Journal of Molecular and Cellular Cardiology</i> , 2020, 140, 68-76.	0.9	7
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1319	Nordihydroguaiaretic Acid: From Herbal Medicine to Clinical Development for Cancer and Chronic Diseases. <i>Frontiers in Pharmacology</i> , 2020, 11, 151.	1.6	55
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1324	Tanshinone IIA pretreatment promotes cell survival in human lung epithelial cells under hypoxia via AP-1-Nrf2 transcription factor. <i>Cell Stress and Chaperones</i> , 2020, 25, 427-440.	1.2	9
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1346	Counter Regulation of Spic by NF- κ B and STAT Signaling Controls Inflammation and Iron Metabolism in Macrophages. <i>Cell Reports</i> , 2020, 31, 107825.	2.9	28
1347	Modulation of Nrf2 by quercetin in doxorubicin-treated rats. <i>Heliyon</i> , 2020, 6, e03803.	1.4	62
1348	Effects of high-fat diet on antioxidative status, apoptosis and inflammation in liver of tilapia (<i>Oreochromis niloticus</i>) via Nrf2, TLRs and JNK pathways. <i>Fish and Shellfish Immunology</i> , 2020, 104, 391-401.	1.6	65
1349	Recent progress in Keap1-Nrf2 protein-protein interaction inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2020, 202, 112532.	2.6	49
1350	<i>Lactobacillus plantarum</i> LP33 attenuates Pb-induced hepatic injury in rats by reducing oxidative stress and inflammation and promoting Pb excretion. <i>Food and Chemical Toxicology</i> , 2020, 143, 111533.	1.8	28
1351	The NRF2 Signaling Network Defines Clinical Biomarkers and Therapeutic Opportunity in Friedreichâ€™s Ataxia. <i>International Journal of Molecular Sciences</i> , 2020, 21, 916.	1.8	27
1352	PIM kinase inhibition: co-targeted therapeutic approaches in prostate cancer. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 7.	7.1	45
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1355	Molecular mechanisms linking environmental toxicants to cancer development: Significance for protective interventions with polyphenols. <i>Seminars in Cancer Biology</i> , 2022, 80, 118-144.	4.3	24
1356	Understanding Idiosyncratic Toxicity: Lessons Learned from Drug-Induced Liver Injury. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 6436-6461.	2.9	34
1357	Induced Ketosis as a Treatment for Neuroprogressive Disorders: Food for Thought?. <i>International Journal of Neuropsychopharmacology</i> , 2020, 23, 366-384.	1.0	28
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1359	Inhibition of thioredoxin reductase 1 correlates with platinum-based chemotherapeutic induced tissue injury. <i>Biochemical Pharmacology</i> , 2020, 175, 113873.	2.0	16
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1361	Nrf2 in early vascular ageing: Calcification, senescence and therapy. <i>Clinica Chimica Acta</i> , 2020, 505, 108-118.	0.5	48

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1363	Liver macrophages inhibit the endogenous antioxidant response in obesity-associated insulin resistance. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	43
1364	Co-administration of Selenium Nanoparticles and Metformin Abrogate Testicular Oxidative Injury by Suppressing Redox Imbalance, Augmenting Sperm Quality and Nrf2 Protein Expression in Streptozotocin-Induced Diabetic Rats. <i>Biological Trace Element Research</i> , 2020, 198, 544-556.	1.9	18
1365	Synthesis of novel caffeic acid derivatives and their protective effect against hydrogen peroxide induced oxidative stress via Nrf2 pathway. <i>Life Sciences</i> , 2020, 247, 117439.	2.0	16
1366	AK-1, a Sirt2 inhibitor, alleviates carbon tetrachloride-induced hepatotoxicity <i>in vivo</i> and <i>in vitro</i> . <i>Toxicology Mechanisms and Methods</i> , 2020, 30, 324-335.	1.3	6
1367	Ensemble Technique for Toxicity Prediction of Small Drug Molecules of the Antioxidant Response Element Signalling Pathway. <i>Computer Journal</i> , 2021, 64, 1861-1875.	1.5	11
1368	Protective Effects of Hydrogen on Myocardial Mitochondrial Functions in Septic Mice. <i>BioMed Research International</i> , 2020, 2020, 1-7.	0.9	9
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1373	Bisdemethoxycurcumin attenuates cisplatin-induced renal injury through anti-apoptosis, anti-oxidant and anti-inflammatory. <i>European Journal of Pharmacology</i> , 2020, 874, 173026.	1.7	29
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1375	Antiinflammatory, antioxidant, and behavioral effects induced by administration of growth hormone-releasing hormone analogs in mice. <i>Scientific Reports</i> , 2020, 10, 732.	1.6	24
1376	Effects of dietary copper on growth, antioxidant capacity and immune responses of juvenile blunt snout bream (<i>Megalobrama amblycephala</i>) as evidenced by pathological examination. <i>Aquaculture Reports</i> , 2020, 17, 100296.	0.7	7
1377	Nuclear factor erythroid 2 (NF-E2)-related factor 2 (Nrf2) in autophagy-induced hepatocellular carcinoma. <i>Clinica Chimica Acta</i> , 2020, 506, 1-8.	0.5	9
1378	Bisphenol A and its substitutes regulate human B cell survival via Nrf2 expression. <i>Environmental Pollution</i> , 2020, 259, 113907.	3.7	31
1379	Effects of <i>Anchomanes difformis</i> on Inflammation, Apoptosis, and Organ Toxicity in STZ-Induced Diabetic Cardiomyopathy. <i>Biomedicines</i> , 2020, 8, 29.	1.4	11
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1382	Leprosy drug clofazimine activates peroxisome proliferator-activated receptor- γ and synergizes with imatinib to inhibit chronic myeloid leukemia cells. <i>Haematologica</i> , 2020, 105, 971-986.	1.7	13
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1384	Post-treatment with oxcarbazepine confers potent neuroprotection against transient global cerebral ischemic injury by activating Nrf2 defense pathway. <i>Biomedicine and Pharmacotherapy</i> , 2020, 124, 109850.	2.5	16
1385	Jmjd3 regulates inflammasome activation and aggravates DSS-induced colitis in mice. <i>FASEB Journal</i> , 2020, 34, 4107-4119.	0.2	32
1386	FA-97, a New Synthetic Caffeic Acid Phenethyl Ester Derivative, Ameliorates DSS-Induced Colitis Against Oxidative Stress by Activating Nrf2/HO-1 Pathway. <i>Frontiers in Immunology</i> , 2019, 10, 2969.	2.2	38
1387	Autophagy as a Cellular Stress Response Mechanism in the Nervous System. <i>Journal of Molecular Biology</i> , 2020, 432, 2560-2588.	2.0	39
1388	Dietary <i>Salvia hispanica</i> L. reduces cardiac oxidative stress of dyslipidemic insulin-resistant rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020, 45, 761-768.	0.9	5
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1392	Mitochondria-to-nucleus retrograde signaling drives formation of cytoplasmic chromatin and inflammation in senescence. <i>Genes and Development</i> , 2020, 34, 428-445.	2.7	188
1394	Induction of HO-1 by Mevastatin Mediated via a Nox/ROS-Dependent c-Src/PDGFR β /PI3K/Akt/Nrf2/ARE Cascade Suppresses TNF- α -Induced Lung Inflammation. <i>Journal of Clinical Medicine</i> , 2020, 9, 226.	1.0	24
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1401	A Melanin-Related Phenolic Polymer with Potent Photoprotective and Antioxidant Activities for Dermo-Cosmetic Applications. <i>Antioxidants</i> , 2020, 9, 270.	2.2	31
1402	Synthesis of caffeic acid sulfonamide derivatives and their protective effect against H ₂ O ₂ induced oxidative damage in A549 cells. <i>RSC Advances</i> , 2020, 10, 9924-9933.	1.7	6
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1404	MiR-144: A New Possible Therapeutic Target and Diagnostic/Prognostic Tool in Cancers. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2578.	1.8	35
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1406	The production and bioactivity of prodigiosin: quo vadis?. <i>Drug Discovery Today</i> , 2020, 25, 828-836.	3.2	24
1407	Manganese porphyrin, MnTE-2-PyP, treatment protects the prostate from radiation-induced fibrosis (RIF) by activating the NRF2 signaling pathway and enhancing SOD2 and sirtuin activity. <i>Free Radical Biology and Medicine</i> , 2020, 152, 255-270.	1.3	19
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1412	Differential Activation of Glioprotective Intracellular Signaling Pathways in Primary Optic Nerve Head Astrocytes after Treatment with Different Classes of Antioxidants. <i>Antioxidants</i> , 2020, 9, 324.	2.2	12
1413	β -sitosterol-assisted silver nanoparticles activates Nrf2 and triggers mitochondrial apoptosis via oxidative stress in human hepatocellular cancer cell line. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 1899-1908.	2.1	91
1414	Alterations of redox and iron metabolism accompany the development of HIV latency. <i>EMBO Journal</i> , 2020, 39, e102209.	3.5	37
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1416	Effect of dietary L-glutamate levels on growth, digestive and absorptive capability, and intestinal physical barrier function in Jian carp (<i>Cyprinus carpio</i> var. Jian). <i>Animal Nutrition</i> , 2020, 6, 198-209.	2.1	16
1417	Redox toxicology of environmental chemicals causing oxidative stress. <i>Redox Biology</i> , 2020, 34, 101475.	3.9	99

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1419	<i>In Vitro</i> Toxicity and Chemical Characterization of Aerosol Derived from Electronic Cigarette Humectants Using a Newly Developed Exposure System. <i>Chemical Research in Toxicology</i> , 2020, 33, 1677-1688.	1.7	39
1420	2-Sulfonylpyridines as Tunable, Cysteine-Reactive Electrophiles. <i>Journal of the American Chemical Society</i> , 2020, 142, 8972-8979.	6.6	64
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1422	Fish biomarkers from a different perspective: evidence of adaptive strategy of <i>Abramis brama</i> (L.) to chemical stress. <i>Environmental Sciences Europe</i> , 2020, 32, .	2.6	27
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1426	The Promise and Challenges of Developing miRNA-Based Therapeutics for Parkinson's Disease. <i>Cells</i> , 2020, 9, 841.	1.8	51
1427	Nrf2 activation through the inhibition of Keap1-Nrf2 protein-protein interaction. <i>Medicinal Chemistry Research</i> , 2020, 29, 846-867.	1.1	60
1428	Baicalin alleviates deoxynivalenol-induced intestinal inflammation and oxidative stress damage by inhibiting NF- κ B and increasing mTOR signaling pathways in piglets. <i>Food and Chemical Toxicology</i> , 2020, 140, 111326.	1.8	69
1429	Protective effects of bovine milk exosomes against oxidative stress in IEC-6 cells. <i>European Journal of Nutrition</i> , 2021, 60, 317-327.	1.8	34
1430	Diacetyl epicycolylamine triggers caspase-independent apoptosis by inducing oxidative stress in human liver hepatocellular carcinoma cells. <i>Biotechnology and Applied Biochemistry</i> , 2021, 68, 257-266.	1.4	3
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1432	Zinc Deficiency Aggravation of ROS and Inflammatory Injury Leading to Renal Fibrosis in Mice. <i>Biological Trace Element Research</i> , 2021, 199, 622-632.	1.9	20
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1449	Effects of melatonin to arecoline-induced reactive oxygen species production and DNA damage in oral squamous cell carcinoma. <i>Journal of the Formosan Medical Association</i> , 2021, 120, 668-678.	0.8	21
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1533	Therapeutic effects of medicinal plants on isoproterenol-induced heart failure in rats. <i>Biomedicine and Pharmacotherapy</i> , 2021, 134, 111101.	2.5	11
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1548	<i>Rhodiola rosea</i> L. Attenuates Cigarette Smoke and Lipopolysaccharide-Induced COPD in Rats via Inflammation Inhibition and Antioxidant and Antifibrosis Pathways. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-18.	0.5	3
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1551	Sinapic acid mitigates methotrexate-induced hepatic injuries in rats through modulation of Nrf2/HO-1 signaling. <i>Environmental Toxicology</i> , 2021, 36, 1261-1268.	2.1	10
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1575	Effect of Rosolic acid on endothelial dysfunction under ER stress in pancreatic microenvironment. <i>Free Radical Research</i> , 2021, 55, 887-902.	1.5	9
1576	The GSK3-NRF2 Axis in Suicide. <i>Psychiatry International</i> , 2021, 2, 108-119.	0.5	1
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1598	Multibiomarker-based assessment of toxicity of central European strains of filamentous cyanobacteria <i>Aphanizomenon gracile</i> and <i>Raphidiopsis raciborskii</i> to zebrafish <i>Danio rerio</i> . <i>Water Research</i> , 2021, 194, 116923.	5.3	18

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1669	Neuroprotective role of camphor against ciprofloxacin induced depression in rats: modulation of Nrf-2 and TLR4. <i>Immunopharmacology and Immunotoxicology</i> , 2021, 43, 309-318.	1.1	7
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1693	Combination of cyanidin-3-O-glucoside and cisplatin induces oxidative stress and apoptosis in HeLa cells by reducing activity of endogenous antioxidants, increasing <i>bax/bcl2</i> mRNA expression ratio, and downregulating Nrf2 expression. <i>Journal of Food Biochemistry</i> , 2021, 45, e13806.	1.2	14
1694	Olive Polyphenols: Antioxidant and Anti-Inflammatory Properties. <i>Antioxidants</i> , 2021, 10, 1044.	2.2	92
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1697	Nutritional supplements in the management of oral mucositis in patients with head and neck cancer: Narrative literary review. <i>Clinical Nutrition ESPEN</i> , 2021, 43, 31-38.	0.5	4
1698	Metabolic Rewiring and the Characterization of Oncometabolites. <i>Cancers</i> , 2021, 13, 2900.	1.7	32
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1708	Identification of pigment profiles and antioxidant activity of <i>Rhizophora mucronata</i> mangrove leaves origin Lembeh, North Sulawesi, Indonesia. <i>Biodiversitas</i> , 2021, 22, .	0.2	4

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1709	Synthesis and evaluation of multi-target-directed ligands with BACE-1 inhibitory and Nrf2 agonist activities as potential agents against Alzheimer's disease. <i>European Journal of Medicinal Chemistry</i> , 2021, 219, 113441.	2.6	20
1710	T-2 Toxin Induces Oxidative Stress at Low Doses via Atf3 ⁺ /Zip2a/2b-Mediated Ubiquitination and Degradation of Nrf2. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7936.	1.8	4
1711	Targeting BRF2 in Cancer Using Repurposed Drugs. <i>Cancers</i> , 2021, 13, 3778.	1.7	8
1712	Effects of dietary curcumin inhibit deltamethrin-induced oxidative stress, inflammation and cell apoptosis in <i>Channa argus</i> via Nrf2 and NF- κ B signaling pathways. <i>Aquaculture</i> , 2021, 540, 736744.	1.7	34
1713	Effects of fermented <i>Broussonetia papyrifera</i> on growth, intestinal antioxidant, inflammation and microbiota of grass carp (<i>Ctenopharyngodon idella</i>). <i>Aquaculture Reports</i> , 2021, 20, 100673.	0.7	7
1714	Protective Effects of Anwulignan against HCl/Ethanol-Induced Acute Gastric Ulcer in Mice. Evidence-based Complementary and Alternative Medicine, 2021, 2021, 1-14.	0.5	2
1715	Formononetin attenuates H ₂ O ₂ -induced cell death through decreasing ROS level by PI3K/Akt-Nrf2-activated antioxidant gene expression and suppressing MAPK-regulated apoptosis in neuronal SH-SY5Y cells. <i>NeuroToxicology</i> , 2021, 85, 186-200.	1.4	33
1716	Farnesoid X Receptor as Target for Therapies to Treat Cholestasis-Induced Liver Injury. <i>Cells</i> , 2021, 10, 1846.	1.8	18
1717	Modulation of NRF2/ARE pathway- and cell death-related genes during drug-induced liver injury. <i>Human and Experimental Toxicology</i> , 2021, 40, 2223-2236.	1.1	10
1718	Shockwave Treatment Enhanced Extracellular Matrix Production in Articular Chondrocytes Through Activation of the ROS/MAPK/Nrf2 Signaling Pathway. <i>Cartilage</i> , 2021, , 194760352110124.	1.4	5
1719	Hepatoprotective effects of phytochemicals berberine and umbelliferone against methotrexate-induced hepatic intoxication: experimental studies and in silico evidence. <i>Environmental Science and Pollution Research</i> , 2021, 28, 67593-67607.	2.7	10
1720	<i>Pseudomonas aeruginosa</i> Consumption of Airway Metabolites Promotes Lung Infection. <i>Pathogens</i> , 2021, 10, 957.	1.2	6
1721	Hyperhomocysteinemia alters cytokine gene expression, cytochrome c oxidase activity and oxidative stress in striatum and cerebellum of rodents. <i>Life Sciences</i> , 2021, 277, 119386.	2.0	8
1722	Dietary <i>Clostridium autoethanogenum</i> protein modulates intestinal absorption, antioxidant status, and immune response in GIFT (<i>Oreochromis niloticus</i>) juveniles. <i>Aquaculture Research</i> , 2021, 52, 5787-5799.	0.9	27
1723	Role of Hydrogen Sulfide in the Endocrine System. <i>Frontiers in Endocrinology</i> , 2021, 12, 704620.	1.5	20
1724	Adhesion-mediated mechanosignaling forces mitohormesis. <i>Cell Metabolism</i> , 2021, 33, 1322-1341.e13.	7.2	65
1725	Carbon Monoxide Therapy Using Hybrid Carbon Monoxide-Releasing/Nrf2-Inducing Molecules through a Neuroprotective Lens. <i>Chemistry</i> , 2021, 3, 800-817.	0.9	2
1726	Oxidative Stress, Mitochondrial Dysfunction, and Neuroprotection of Polyphenols with Respect to Resveratrol in Parkinson's Disease. <i>Biomedicines</i> , 2021, 9, 918.	1.4	46

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1727	Carvedilol induces the antiapoptotic proteins Nrf2 and Bcl2 and inhibits cellular apoptosis in aluminum-induced testicular toxicity in male Wistar rats. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111594.	2.5	18
1728	Wogonin Inhibits Cardiac Hypertrophy by Activating Nrf-2-Mediated Antioxidant Responses. <i>Cardiovascular Therapeutics</i> , 2021, 2021, 1-13.	1.1	12
1729	NUPR1: A Critical Regulator of the Antioxidant System. <i>Cancers</i> , 2021, 13, 3670.	1.7	25
1730	Heat stress induces oxidative stress and activates the KEAP1-NFE2L2-ARE pathway in bovine endometrial epithelial cells. <i>Biology of Reproduction</i> , 2021, 105, 1114-1125.	1.2	9
1731	Panaxxytriol Inhibits Lipopolysaccharide-Induced Microglia Activation in Brain Inflammation & in Vivo. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 1024-1028.	0.6	4
1732	Nrf2-BDNF-TrkB pathway contributes to cortical hemorrhage-induced depression, but not sex differences. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 3288-3301.	2.4	15
1733	Molecular mechanisms of pulmonary carcinogenesis by polycyclic aromatic hydrocarbons (PAHs): Implications for human lung cancer. <i>Seminars in Cancer Biology</i> , 2021, 76, 3-16.	4.3	80
1734	Effect of hyperglycemia on fertility in streptozotocin-induced diabetic male Wistar rats: focus on glucose transporters and oxidative stress. <i>Medical Journal of Indonesia</i> , 2021, 30, 177-81.	0.2	0
1735	Oxygen Is Instrumental for Biological Signaling: An Overview. <i>Oxygen</i> , 2021, 1, 3-15.	1.6	8
1736	Umbelliferone alleviates hepatic ischemia/reperfusion-induced oxidative stress injury via targeting Keap-1/Nrf-2/ARE and TLR4/NF- κ B-p65 signaling pathway. <i>Environmental Science and Pollution Research</i> , 2021, 28, 67863-67879.	2.7	10
1737	Insights on the mechanisms of action of ozone in the medical therapy against COVID-19. <i>International Immunopharmacology</i> , 2021, 96, 107777.	1.7	24
1738	Chronic Inflammation in Chronic Kidney Disease Progression: Role of Nrf2. <i>Kidney International Reports</i> , 2021, 6, 1775-1787.	0.4	100
1739	Conjugation of Diclofenac with Novel Oleanolic Acid Derivatives Modulate Nrf2 and NF- κ B Activity in Hepatic Cancer Cells and Normal Hepatocytes Leading to Enhancement of Its Therapeutic and Chemopreventive Potential. <i>Pharmaceuticals</i> , 2021, 14, 688.	1.7	10
1741	Thymus Vulgaris Inhibit Lung Fibrosis Progression and Oxidative Stress Induced by Bleomycin in Wistar Rats. <i>Nutrition and Cancer</i> , 2022, 74, 1420-1430.	0.9	6
1742	Spinal Nrf2 translocation may inhibit neuronal NF- κ B activation and alleviate allodynia in a rat model of bone cancer pain. <i>Journal of Neurochemistry</i> , 2021, 158, 1110-1130.	2.1	14
1743	Taxifolin ameliorates Benzo[a]pyrene-induced lung injury possibly via stimulating the Nrf2 signalling pathway. <i>International Immunopharmacology</i> , 2021, 96, 107566.	1.7	22
1744	The Brassica napus (oilseed rape) seeds bioactive health effects are modulated by agronomical traits as assessed by a multi-scale omics approach in the metabolically impaired ob-mouse. <i>Food Chemistry Molecular Sciences</i> , 2021, 2, 100011.	0.9	3
1746	Lactobacillus plantarum Exhibits Antioxidant and Cytoprotective Activities in Porcine Intestinal Epithelial Cells Exposed to Hydrogen Peroxide. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	1.9	12

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1747	Effects of growth hormone-releasing hormone receptor antagonist MIA-602 in mice with emotional disorders: a potential treatment for PTSD. <i>Molecular Psychiatry</i> , 2021, 26, 7465-7474.	4.1	7
1748	Garcinia cambogia Ameliorates Non-Alcoholic Fatty Liver Disease by Inhibiting Oxidative Stress-Mediated Steatosis and Apoptosis through NRF2-ARE Activation. <i>Antioxidants</i> , 2021, 10, 1226.	2.2	16
1749	Bracteanolide A abrogates oxidative stress-induced cellular damage and protects against hepatic ischemia and reperfusion injury in rats. <i>Food Science and Nutrition</i> , 2021, 9, 4758-4769.	1.5	1
1750	Nrf2, the Major Regulator of the Cellular Oxidative Stress Response, is Partially Disordered. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7434.	1.8	19
1751	Trans-Chalcone Plus Baicalein Synergistically Reduce Intracellular Amyloid Beta (A β 242) and Protect from A β 242 Induced Oxidative Damage in Yeast Models of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9456.	1.8	15
1752	A Holistic Assessment of Polyethylene Fiber Ingestion in Larval and Juvenile Japanese Medaka Fish. <i>Frontiers in Physiology</i> , 2021, 12, 668645.	1.3	6
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.	1.5	3
1754	Vitamin D3 protects against lead-induced testicular toxicity by modulating Nrf2 and NF- κ B genes expression in rat. <i>Reproductive Toxicology</i> , 2021, 103, 36-45.	1.3	11
1755	Single and combined acute and subchronic toxic effects of microplastics and copper in zebrafish (<i>Danio rerio</i>) early life stages. <i>Chemosphere</i> , 2021, 277, 130262.	4.2	42
1756	Nicotine self-administration with menthol and audiovisual cue facilitates differential packaging of CYP2A6 and cytokines/chemokines in rat plasma extracellular vesicles. <i>Scientific Reports</i> , 2021, 11, 17393.	1.6	4
1757	The activation of nuclear factor-E2-related factor 2 (Nrf2)/heme oxygenase-1 (HO-1) signaling blunts cholestasis-induced liver and kidney injury. <i>Toxicology Research</i> , 2021, 10, 911-927.	0.9	27
1758	Red Light Irradiation In Vivo Upregulates DJ-1 in the Retinal Ganglion Cell Layer and Protects against Axotomy-Related Dendritic Pruning. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8380.	1.8	4
1759	Photothermal therapy with regulated Nrf2/NF- κ B signaling pathway for treating bacteria-induced periodontitis. <i>Bioactive Materials</i> , 2022, 9, 428-445.	8.6	52
1760	The role of transcription factor Nrf2 in the toxicity of perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA) in C57BL/6 mouse astrocytes. <i>Environmental Toxicology and Pharmacology</i> , 2021, 86, 103652.	2.0	12
1761	Digestive properties and effects of <i>Chimonanthus nitens</i> Oliv polysaccharides on antioxidant effects in vitro and in immunocompromised mice. <i>International Journal of Biological Macromolecules</i> , 2021, 185, 306-316.	3.6	18
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.	0.8	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.	0.8	9
1764	Cyanobacteria, Cyanotoxins, and Neurodegenerative Diseases: Dangerous Liaisons. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8726.	1.8	32

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1766	Curcumin Suppresses the Lipid Accumulation and Oxidative Stress Induced by Benzo[a]pyrene Toxicity in HepG2 Cells. <i>Antioxidants</i> , 2021, 10, 1314.	2.2	14
1767	Dietary Seleno-Methionine Causes Alterations in Neurotransmitters, Ultrastructure of the Brain, and Behaviors in Zebrafish (<i>Danio rerio</i>). <i>Environmental Science & Technology</i> , 2021, 55, 11894-11905.	4.6	39
1768	Luteolin Alleviates AflatoxinB1-Induced Apoptosis and Oxidative Stress in the Liver of Mice through Activation of Nrf2 Signaling Pathway. <i>Antioxidants</i> , 2021, 10, 1268.	2.2	43
1769	Role of chemopreventive phytochemicals in NRF2-mediated redox homeostasis in humans. <i>Free Radical Biology and Medicine</i> , 2021, 172, 699-715.	1.3	19
1770	Oxidative Stress and Antioxidant Pathway in Allergic Rhinitis. <i>Antioxidants</i> , 2021, 10, 1266.	2.2	23
1771	Understanding the Logistics for the Distribution of Heme in Cells. <i>Jacs Au</i> , 2021, 1, 1541-1555.	3.6	26
1772	Extracellular vesicles in renal inflammatory and infectious diseases. <i>Free Radical Biology and Medicine</i> , 2021, 171, 42-54.	1.3	15
1773	Dehydrocorydaline Protects Against Sepsis-Induced Myocardial Injury Through Modulating the TRAF6/NF- κ B Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 709604.	1.6	15
1774	Lipid accumulation-induced hepatocyte senescence regulates the activation of hepatic stellate cells through the Nrf2-antioxidant response element pathway. <i>Experimental Cell Research</i> , 2021, 405, 112689.	1.2	18
1775	SA/G hydrogel containing NRF2-engineered HEK-293-derived CM improves wound healing efficacy of WJ-MSCs in a rat model of excision injury. <i>Journal of Tissue Viability</i> , 2021, 30, 527-536.	0.9	5
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.	1.3	8
1778	Reactive oxygen species in cancer: Current findings and future directions. <i>Cancer Science</i> , 2021, 112, 3945-3952.	1.7	207
1779	Neonatal Extracellular Superoxide Dismutase Knockout Mice Increase Total Superoxide Dismutase Activity and VEGF Expression after Chronic Hyperoxia. <i>Antioxidants</i> , 2021, 10, 1236.	2.2	4
1780	Angelica Polysaccharide Antagonizes 5-FU-Induced Oxidative Stress Injury to Reduce Apoptosis in the Liver Through Nrf2 Pathway. <i>Frontiers in Oncology</i> , 2021, 11, 720620.	1.3	21
1781	Antioxidant networks and the microbiome as components of efficiency in dairy cattle. <i>Livestock Science</i> , 2021, 251, 104656.	0.6	4
1782	Dose-Dependent Cardioprotective Effect of Hemin in Doxorubicin-Induced Cardiotoxicity Via Nrf-2/HO-1 and TLR-5/NF- κ B/TNF- α Signaling Pathways. <i>Cardiovascular Toxicology</i> , 2021, 21, 1033-1044.	1.1	9
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.	2.3	11

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1784	Preclinical Evidence for the Interplay between Oxidative Stress and RIP1-Dependent Cell Death in Neurodegeneration: State of the Art and Possible Therapeutic Implications. <i>Antioxidants</i> , 2021, 10, 1518.	2.2	13
1785	L-ergothioneine and metformin alleviates liver injury in experimental type-2 diabetic rats via reduction of oxidative stress, inflammation, and hypertriglyceridemia. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021, 99, 1137-1147.	0.7	5
1786	Exposome and foetoplacental vascular dysfunction in gestational diabetes mellitus. <i>Molecular Aspects of Medicine</i> , 2022, 87, 101019.	2.7	10
1787	Intergenerational effects of the antioxidant ldebenone on the placentas of rats with gestational diabetes mellitus. <i>Reproductive Toxicology</i> , 2021, 104, 16-26.	1.3	0
1788	Lycopene prevents DEHP-induced hepatic oxidative stress damage by crosstalk between AHR and Nrf2 pathway. <i>Environmental Pollution</i> , 2021, 285, 117080.	3.7	66
1789	Role of BET Proteins in Inflammation and CNS Diseases. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 748449.	1.6	14
1790	Exploring ER stress response in cellular aging and neuroinflammation in Alzheimer's disease. <i>Ageing Research Reviews</i> , 2021, 70, 101417.	5.0	43
1791	Early Weaning Affects Liver Antioxidant Function in Piglets. <i>Animals</i> , 2021, 11, 2679.	1.0	8
1792	Tea polyphenols increase the antioxidant status of laying hens fed diets with different levels of ageing corn. <i>Animal Nutrition</i> , 2021, 7, 650-660.	2.1	13
1793	Vitamin D and COVID-19: A review on the role of vitamin D in preventing and reducing the severity of COVID-19 infection. <i>Protein Science</i> , 2021, 30, 2206-2220.	3.1	20
1794	Relationship between functional Nrf2 gene promoter polymorphism and sperm DNA damage in male infertility. <i>Systems Biology in Reproductive Medicine</i> , 2021, 67, 399-412.	1.0	6
1795	The role of nuclear factor erythroid 2-related factor 2 (NRF2) in normal and pathological pregnancy: A systematic review. <i>American Journal of Reproductive Immunology</i> , 2021, 86, e13496.	1.2	11
1796	Inhibition of ROS activity by controlled release of proanthocyanidins from mesoporous silica nanocomposites effectively ameliorates heterotopic ossification in tendon. <i>Chemical Engineering Journal</i> , 2021, 420, 129415.	6.6	12
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.	2.1	9
1798	Icariin inhibits hypoxia/reoxygenation-induced ferroptosis of cardiomyocytes via regulation of the Nrf2/HO-1 signaling pathway. <i>FEBS Open Bio</i> , 2021, 11, 2966-2976.	1.0	49
1799	Urinary and Plasma Antioxidants in Behavioral Symptoms of Individuals With Autism Spectrum Disorder. <i>Frontiers in Psychiatry</i> , 2021, 12, 684445.	1.3	4
1800	Liver-specific Nrf2 deficiency accelerates ethanol-induced lethality and hepatic injury in vivo. <i>Toxicology and Applied Pharmacology</i> , 2021, 426, 115617.	1.3	11
1801	Neuroplasticity and inflammatory alterations in the nucleus accumbens are corrected after risperidone treatment in a schizophrenia-related developmental model in rats. <i>Schizophrenia Research</i> , 2021, 235, 17-28.	1.1	13

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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.	1.2	8
1804	A Role of Stress Sensor Nrf2 in Stimulating Thermogenesis and Energy Expenditure. <i>Biomedicines</i> , 2021, 9, 1196.	1.4	5
1805	The anti-melanogenic effects of 3-O-ethyl ascorbic acid via Nrf2-mediated α -MSH inhibition in UVA-irradiated keratinocytes and autophagy induction in melanocytes. <i>Free Radical Biology and Medicine</i> , 2021, 173, 151-169.	1.3	20
1806	Recommendations for the use of the acetaminophen hepatotoxicity model for mechanistic studies and how to avoid common pitfalls. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 3740-3755.	5.7	47
1807	Antifatigue effects of Hechong (<i>Tylorrhynchus heterochaetus</i>) through modulation of Nrf2/ARE-mediated antioxidant signaling pathway. <i>Food and Chemical Toxicology</i> , 2021, 157, 112589.	1.8	6
1808	A mitochondria-targeted caffeic acid derivative reverts cellular and mitochondrial defects in human skin fibroblasts from male sporadic Parkinson's disease patients. <i>Redox Biology</i> , 2021, 45, 102037.	3.9	15
1809	Mechanism for antiParkinsonian effect of resveratrol: Involvement of transporters, synaptic proteins, dendrite arborization, biochemical alterations, ER stress and apoptosis. <i>Food and Chemical Toxicology</i> , 2021, 155, 112433.	1.8	17
1810	Novel Chalcone BDD-39 Mitigated Diabetic Nephropathy through the Activation of Nrf2/ARE Signaling. <i>Current Molecular Pharmacology</i> , 2022, 15, 658-675.	0.7	1
1811	Redox metabolism in mussels (<i>Brachidontes solisianus</i>) under the influence of tides in a rocky beach in Southern Brazil. <i>Estuarine, Coastal and Shelf Science</i> , 2021, 258, 107424.	0.9	6
1812	Minocycline inhibits sleep deprivation-induced aberrant microglial activation and Keap1-Nrf2 expression in mouse hippocampus. <i>Brain Research Bulletin</i> , 2021, 174, 41-52.	1.4	12
1813	Sarcopenia: Etiology, Nutritional Approaches, and miRNAs. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9724.	1.8	52
1814	Toxicological effects of deltamethrin on quail cerebrum: Weakened antioxidant defense and enhanced apoptosis. <i>Environmental Pollution</i> , 2021, 286, 117319.	3.7	58
1815	Chemical safety assessment of transformation products of landfill leachate formed during the Fenton process. <i>Journal of Hazardous Materials</i> , 2021, 419, 126438.	6.5	3
1816	Rapamycin impairs bone accrual in young adult mice independent of Nrf2. <i>Experimental Gerontology</i> , 2021, 154, 111516.	1.2	6
1817	Oxidative stress activates the Nrf2-mediated antioxidant response and P38 MAPK pathway: A possible apoptotic mechanism induced by BDE-47 in rainbow trout (<i>Oncorhynchus mykiss</i>) gonadal RTG-2 cells. <i>Environmental Pollution</i> , 2021, 287, 117341.	3.7	13
1818	Mycosporine-like amino acids: Algal metabolites shaping the safety and sustainability profiles of commercial sunscreens. <i>Algal Research</i> , 2021, 58, 102425.	2.4	16
1819	NRF2 deficiency sensitizes human keratinocytes to zinc oxide nanoparticles-induced autophagy and cytotoxicity. <i>Environmental Toxicology and Pharmacology</i> , 2021, 87, 103721.	2.0	5

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1820	The emerging role of oxidative stress in complications of COVID-19 and potential therapeutic approach to diminish oxidative stress. <i>Respiratory Medicine</i> , 2021, 187, 106605.	1.3	17
1821	Antioxidant responses related to temozolomide resistance in glioblastoma. <i>Neurochemistry International</i> , 2021, 149, 105136.	1.9	17
1822	Astaxanthin prevents mitochondrial impairment in the dopaminergic SH-SY5Y cell line exposed to glutamate-mediated excitotoxicity: Role for the Nrf2/HO-1/CO-BR axis. <i>European Journal of Pharmacology</i> , 2021, 908, 174336.	1.7	10
1823	Culture salinity modulates Nrf2 antioxidant signaling pathway and immune response of juvenile Genetically Improved Farmed Tilapia (GIFT) (<i>Oreochromis niloticus</i>) under different dietary protein levels. <i>Fish and Shellfish Immunology</i> , 2021, 117, 220-227.	1.6	3
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.	3.9	16
1825	Therapeutic potential of beta-caryophyllene against aflatoxin B1-induced liver toxicity: biochemical and molecular insights in rats. <i>Chemico-Biological Interactions</i> , 2021, 348, 109635.	1.7	14
1826	Disruption of postnatal neurogenesis and adult-stage suppression of synaptic plasticity in the hippocampal dentate gyrus after developmental exposure to sterigmatocystin in rats. <i>Toxicology Letters</i> , 2021, 349, 69-83.	0.4	2
1827	Alterations on growth performance, antioxidant responses and lipid metabolism in liver for juvenile hybrid grouper (<i>Epinephelus fuscoguttatus</i> × <i>Epinephelus lanceolatus</i>) fed dietary vitamin E. <i>Aquaculture Reports</i> , 2021, 21, 100862.	0.7	6
1828	Exposure to footshock stress downregulates antioxidant genes and increases neuronal apoptosis in an Aβ ¹⁻⁴² rat model of Alzheimer's disease. <i>Neurochemistry International</i> , 2021, 150, 105170.	1.9	1
1829	Evaluating adaptive stress response gene signatures using transcriptomics. <i>Computational Toxicology</i> , 2021, 20, 100179.	1.8	5
1830	Cashing in on ferroptosis against tumor cells: Usher in the next chapter. <i>Life Sciences</i> , 2021, 285, 119958.	2.0	14
1831	Rutin prevents cardiac oxidative stress and inflammation induced by bisphenol A and dibutyl phthalate exposure via NRF-2/NF- κ B pathway. <i>Life Sciences</i> , 2021, 284, 119878.	2.0	31
1832	SIRT6 silencing overcomes resistance to sorafenib by promoting ferroptosis in gastric cancer. <i>Biochemical and Biophysical Research Communications</i> , 2021, 577, 158-164.	1.0	44
1833	Chlorogenic acid protects human chondrocyte C28/I2 cells from oxidative stress-induced cell death through activation of autophagy. <i>Life Sciences</i> , 2021, 285, 119968.	2.0	10
1834	Antioxidant, anti-inflammatory and neuroprotective actions of resveratrol after experimental nervous system insults. Special focus on the molecular mechanisms involved. <i>Neurochemistry International</i> , 2021, 150, 105188.	1.9	32
1835	Mangiferin attenuates cigarette smoke-induced chronic obstructive pulmonary disease in male albino rats. <i>Microvascular Research</i> , 2021, 138, 104208.	1.1	2
1836	High-degree hydrolysis sea cucumber peptides improve exercise performance and exert antifatigue effect via activating the NRF2 and AMPK signaling pathways in mice. <i>Journal of Functional Foods</i> , 2021, 86, 104677.	1.6	24
1837	Ubiquitin pathways regulate the pathogenesis of chronic liver disease. <i>Biochemical Pharmacology</i> , 2021, 193, 114764.	2.0	13

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1838	Exposure to a mixture of legacy, alternative, and replacement per- and polyfluoroalkyl substances (PFAS) results in sex-dependent modulation of cholesterol metabolism and liver injury. <i>Environment International</i> , 2021, 157, 106843.	4.8	108
1839	Maintaining blood retinal barrier homeostasis to attenuate retinal ischemia-reperfusion injury by targeting the KEAP1/NRF2/ARE pathway with lycopene. <i>Cellular Signalling</i> , 2021, 88, 110153.	1.7	5
1840	Betulinic acid attenuates cyclophosphamide-induced intestinal mucosa injury by inhibiting the NF- κ B/MAPK signalling pathways and activating the Nrf2 signalling pathway. <i>Ecotoxicology and Environmental Safety</i> , 2021, 225, 112746.	2.9	22
1841	Toxicity assessment of earthworm exposed to arsenate using oxidative stress and burrowing behavior responses and an integrated biomarker index. <i>Science of the Total Environment</i> , 2021, 800, 149479.	3.9	18
1842	Alleviative effects of Ginkgo biloba extract on oxidative stress, inflammatory response and immune suppression induced by long-term glyphosate exposure in tilapia (<i>Oreochromis niloticus</i>). <i>Aquaculture</i> , 2022, 546, 737325.	1.7	5
1843	Combined effects of mixed per- and polyfluoroalkyl substances on the Nrf2-ARE pathway in ARE reporter-HepG2 cells. <i>Journal of Hazardous Materials</i> , 2022, 421, 126827.	6.5	16
1844	Clozapine Induced Developmental and Cardiac Toxicity on Zebrafish Embryos by Elevating Oxidative Stress. <i>Cardiovascular Toxicology</i> , 2021, 21, 399-409.	1.1	12
1845	Nutraceuticals and adverse outcome pathways. , 2021, , 1159-1174.		1
1846	Hypoxia-reoxygenation treatment attenuates gestational diabetes mellitus. <i>Endocrine Connections</i> , 2021, 10, 84-91.	0.8	5
1847	A review on the oxidative effects of the fusariotoxins: Fumonisin B1 and fusaric acid. , 2021, , 181-190.		8
1848	Regulation of inflammation by the antioxidant haem oxygenase 1. <i>Nature Reviews Immunology</i> , 2021, 21, 411-425.	10.6	172
1849	Western Dietary Pattern Antioxidant Intakes and Oxidative Stress: Importance During the SARS-CoV-2/COVID-19 Pandemic. <i>Advances in Nutrition</i> , 2021, 12, 670-681.	2.9	44
1850	Antioxidant and antifatigue effect of a standardized fraction (HemoHIM) from <i>Angelica gigas</i> , <i>Cnidium officinale</i> , and <i>Paeonia lactiflora</i> . <i>Pharmaceutical Biology</i> , 2021, 59, 389-398.	1.3	8
1851	Dual Role of Reactive Oxygen Species and their Application in Cancer Therapy. <i>Journal of Cancer</i> , 2021, 12, 5543-5561.	1.2	46
1852	Drug Resistance in Glioblastoma: The Two Faces of Oxidative Stress. <i>Frontiers in Molecular Biosciences</i> , 2020, 7, 620677.	1.6	80
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1855	Combinatory Effects of Bone Marrow-Derived Mesenchymal Stem Cells and Indomethacin on Adjuvant-Induced Arthritis in Wistar Rats: Roles of IL-1 β , IL-4, Nrf-2, and Oxidative Stress. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-15.	0.5	12

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1857	Pectic polysaccharide from <i>Nelumbo nucifera</i> leaves promotes intestinal antioxidant defense <i>in vitro</i> and <i>in vivo</i> . <i>Food and Function</i> , 2021, 12, 10828-10841.	2.1	18
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1861	The Role of Oxidative Stress in Chronic Liver Diseases. , 2020, , 13-25.		3
1862	Drug-Induced Demyelinating Neuropathies. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1190, 357-369.	0.8	6
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1865	Lamin A involvement in ageing processes. <i>Ageing Research Reviews</i> , 2020, 62, 101073.	5.0	41
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1869	Vitexin restores pancreatic β -cell function and insulin signaling through Nrf2 and NF- κ B signaling pathways. <i>European Journal of Pharmacology</i> , 2020, 888, 173606.	1.7	31
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1879	In silico modeling of the induction of apoptosis by Cryptotanshinone in osteosarcoma cell lines. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2020, PP, 1-1.	1.9	4
1880	p62 promotes bladder cancer cell growth by activating KEAP1/NRF2-dependent antioxidative response. <i>Cancer Science</i> , 2020, 111, 1156-1164.	1.7	48
1881	Exploiting metabolic and antioxidant pathways to maintain vision in blinding disease. <i>Journal of Clinical Investigation</i> , 2015, 125, 1390-1392.	3.9	4

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1884	Oxidative stress and Nrf2 expression in peripheral blood mononuclear cells derived from COPD patients: an observational longitudinal study. <i>Respiratory Research</i> , 2020, 21, 37.	1.4	35
1885	Tabersonine ameliorates osteoblast apoptosis in rats with dexamethasone-induced osteoporosis by regulating the Nrf2/ROS/Bax signalling pathway. <i>AMB Express</i> , 2020, 10, 165.	1.4	7
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1888	Plumbagin Mediates Cardioprotection Against Myocardial Ischemia/Reperfusion Injury Through Nrf-2 Signaling. <i>Medical Science Monitor</i> , 2016, 22, 1250-1257.	0.5	23
1889	Mesenchymal Stem Cells Alleviate Acute Lung Injury and Inflammatory Responses Induced by Paraquat Poisoning. <i>Medical Science Monitor</i> , 2019, 25, 2623-2632.	0.5	27
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1892	ROS Stress Resets Circadian Clocks to Coordinate Pro-Survival Signals. <i>PLoS ONE</i> , 2013, 8, e82006.	1.1	84
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1895	Temporal Changes in Rat Liver Gene Expression after Acute Cadmium and Chromium Exposure. <i>PLoS ONE</i> , 2015, 10, e0127327.	1.1	33
1896	Lack of Effect of Oral Sulforaphane Administration on Nrf2 Expression in COPD: A Randomized, Double-Blind, Placebo Controlled Trial. <i>PLoS ONE</i> , 2016, 11, e0163716.	1.1	92
1897	Upregulation of Mitochondrial Content in Cytochrome c Oxidase Deficient Fibroblasts. <i>PLoS ONE</i> , 2016, 11, e0165417.	1.1	29
1898	Physical and Flavor Characteristics, Fatty Acid Profile, Antioxidant Status and Nrf2-Dependent Antioxidant Enzyme Gene Expression Changes in Young Grass Carp (<i>Ctenopharyngodon idella</i>) Fillets Fed Dietary Valine. <i>PLoS ONE</i> , 2017, 12, e0169270.	1.1	5
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1902	Reduced EGFR Level in eIF2 γ Phosphorylation Deficient Hepatocytes Is Responsible for Susceptibility to Oxidative Stress. Molecules and Cells, 2020, 43, 264-275.	1.0	7
1903	Melatonin enhances porcine embryo development via the Nrf2/ARE signaling pathway. Journal of Molecular Endocrinology, 2019, 63, 175-185.	1.1	17
1904	Monomethylfumurate protects against ovariectomy-related changes in body composition. Journal of Endocrinology, 2019, 243, 15-26.	1.2	3
1905	INFLUENCE OF AMMONIUM PYRROLIDINE DITHIOCARBAMATE ON THE PRODUCTION OF REACTIVE OXYGEN AND NITROGEN SPECIES IN TISSUES OF PERIODONTIUM AND SALIVARY GLANDS IN RATS EXPOSED TO SALMONELLA TYPHI LIPOPOLISACCHARIDE. Fiziologichnyi Zhurnal (Kiev, Ukraine: 1994), 2018, 64, 63-69.	0.1	6
1906	Protective roles of Pyracantha fortuneana extract on acute renal toxicity induced by cadmium chloride in rats. Acta Cirurgica Brasileira, 2019, 34, e201900706.	0.3	6
1907	Effects of ATRA on diabetic rats with renal ischemia-reperfusion injury. Acta Cirurgica Brasileira, 2020, 35, e202000106.	0.3	5
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1909	Maqui berry extract prevents cigarette smoke induced oxidative stress in human osteoblasts. EXCLI Journal, 2021, 20, 281-296.	0.5	6
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1911	Relationship closeness buffers the effects of perceived stress on transcriptomic indicators of cellular stress and biological aging marker p16INK4a. Aging, 2020, 12, 16476-16490.	1.4	8
1912	High phosphate induces skeletal muscle atrophy and suppresses myogenic differentiation by increasing oxidative stress and activating Nrf2 signaling. Aging, 2020, 12, 21446-21468.	1.4	21
1913	NRF2 and glutathione are key resistance mediators to temozolomide in glioma and melanoma cells. Oncotarget, 2016, 7, 48081-48092.	0.8	94
1914	TLR2 activation induces antioxidant defence in human monocyte-macrophage cell line models. Oncotarget, 2017, 8, 54243-54264.	0.8	15
1915	Lethality of inappropriate plasma exposure on chicken embryonic development. Oncotarget, 2017, 8, 85642-85654.	0.8	23
1916	Reduced chemotherapeutic sensitivity in high glucose condition: implication of antioxidant response. Oncotarget, 2019, 10, 4691-4702.	0.8	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.	0.8	10

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1920	T Cell Metabolism in Cancer Immunotherapy. <i>Immunometabolism</i> , 2020, 2, .	0.7	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.	0.7	3
1922	Cytochrome P450S and Alcoholic Liver Disease. <i>Current Pharmaceutical Design</i> , 2018, 24, 1502-1517.	0.9	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.	0.9	45
1924	Medicinal Plants As Natural Polarizers of Macrophages: Phytochemicals and Pharmacological Effects. <i>Current Pharmaceutical Design</i> , 2019, 25, 3225-3238.	0.9	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.	0.9	14
1926	Exploiting Anti-Inflammation Effects of Flavonoids in Chronic Inflammatory Diseases. <i>Current Pharmaceutical Design</i> , 2020, 26, 2610-2619.	0.9	17
1927	Glutathione, an Antioxidant Tripeptide: Dual Roles in Carcinogenesis and Chemoprevention. <i>Current Protein and Peptide Science</i> , 2019, 20, 907-917.	0.7	76
1928	Pharmacological Applications of Antioxidants: Lights and Shadows. <i>Current Drug Targets</i> , 2014, 15, 1177-1199.	1.0	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.	1.1	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.	0.6	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.	1.4	15
1932	Protective Role of Nrf2 in Renal Disease. <i>Antioxidants</i> , 2021, 10, 39.	2.2	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.	1.8	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.	1.0	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.	0.1	14

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1937	Rhizoma Paridis total saponins alleviate H ₂ O ₂ -induced oxidative stress injury by upregulating the Nrf2 pathway. <i>Molecular Medicine Reports</i> , 2020, 21, 220-228.	1.1	7
1938	4-O-Methylvisaminol Attenuates Pro-Inflammatory Responses and Protects against Oxidative Damages. <i>Biomolecules and Therapeutics</i> , 2019, 27, 381-385.	1.1	3
1939	Releasing Nrf2 to promote neurite outgrowth. <i>Neural Regeneration Research</i> , 2015, 10, 1934.	1.6	7
1940	Curcuma longa L. extract improves the cortical neural connectivity during the aging process. <i>Neural Regeneration Research</i> , 2017, 12, 875.	1.6	16
1941	Astaxanthin ameliorates hepatic damage and oxidative stress in carbon tetrachloride-administered rats. <i>Pharmacognosy Research (discontinued)</i> , 2017, 9, 84.	0.3	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.	0.7	7
1943	Effects of Hyperbaric Oxygen on T helper 17/regulatory T Polarization in Antigen and Collagen-induced Arthritis: Hypoxia-inducible Factor-1 α as a Target. <i>Oman Medical Journal</i> , 2020, 35, e90-e90.	0.3	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, Olomouc, Czechoslovakia</i> , 2017, 161, 1-13.	0.2	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.	2.8	119
1947	Transcriptional networks specifying homeostatic and inflammatory programs of gene expression in human aortic endothelial cells. <i>ELife</i> , 2017, 6, .	2.8	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, .	2.8	116
1949	Flura-seq identifies organ-specific metabolic adaptations during early metastatic colonization. <i>ELife</i> , 2019, 8, .	2.8	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.	0.4	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.	1.0	4
1952	Replacing poultry by-product meal protein with soybean protein isolate in low fishmeal diets for juvenile hybrid grouper (<i>Epinephelus fuscoguttatus</i> \times <i>Epinephelus lanceolatus</i>). <i>Aquaculture Nutrition</i> , 2021, 27, 2405-2415.	1.1	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.	1.0	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.	1.9	38
1957	Nuclear factor erythroid 2-related factor 2 in human papillomavirus-related cancers. <i>Reviews in Medical Virology</i> , 2022, 32, e2308.	3.9	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, , .	0.7	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.	4.4	27
1960	NRF2 Activation and Downstream Effects: Focus on Parkinson's Disease and Brain Angiotensin. <i>Antioxidants</i> , 2021, 10, 1649.	2.2	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.	5.9	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.	1.6	11
1963	Reactive Oxygen Species in Acute Lymphoblastic Leukaemia: Reducing Radicals to Refine Responses. <i>Antioxidants</i> , 2021, 10, 1616.	2.2	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.	0.8	12
1965	Healthy ageing and Mediterranean diet: A focus on hormetic phytochemicals. <i>Mechanisms of Ageing and Development</i> , 2021, 200, 111592.	2.2	13
1966	Characterization of hepatic zonation in mice by mass-spectrometric and antibody-based proteomics approaches. <i>Biological Chemistry</i> , 2022, 403, 331-343.	1.2	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.	1.9	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.	2.7	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.	1.8	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.	1.7	19
1971	Catalpol Protects ARPE-19 Cells against Oxidative Stress via Activation of the Keap1/Nrf2/ARE Pathway. <i>Cells</i> , 2021, 10, 2635.	1.8	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.	1.8	20

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1973	Loss of Mitochondrial Ca ²⁺ Uniporter Limits Inotropic Reserve and Provides Trigger and Substrate for Arrhythmias in Barth Syndrome Cardiomyopathy. <i>Circulation</i> , 2021, 144, 1694-1713.	1.6	30
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.	0.7	1
1975	Cells to Surgery Quiz: November 2021. <i>Journal of Investigative Dermatology</i> , 2021, 141, e137-e140.	0.3	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.	1.3	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.	0.9	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.	2.5	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.	0.1	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.	0.1	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.	0.1	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.	0.2	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.	0.0	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.	0.0	0

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2000	Study of the Prooxidant and Antioxidant Activity of Anti-Radiation Agents with LUX-Biosensors. <i>Biology Bulletin</i> , 2019, 46, 1646-1656.	0.1	2
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. <i>Medical Science Monitor</i> , 2020, 26, e920467.	0.5	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. <i>Biomedical Reports</i> , 2020, 13, 3.	0.9	5
2006	Role of CYP4F2 as a novel biomarker regulating malignant phenotypes of liver cancer cells via the Nrf2 signaling axis. <i>Oncology Letters</i> , 2020, 20, 13.	0.8	4
2008	Inflammatory pathways involved in adipose tissue hypertrophy and the effect of Acai (<i>Euterpe oleracea</i>) Tj ETQq1 1 0.784314 rgBT /O... e62996813.	0.0	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. <i>Ca-A Cancer Journal for Clinicians</i> , 2022, 72, 57-77.	157.7	60
2011	Blood-Brain Barrier Dysfunction in CNS Disorders and Putative Therapeutic Targets: An Overview. <i>Pharmaceutics</i> , 2021, 13, 1779.	2.0	59
2012	Current views in chronic obstructive pulmonary disease pathogenesis and management. <i>Saudi Pharmaceutical Journal</i> , 2021, 29, 1361-1373.	1.2	15
2013	ÎĤB kinase promotes Nrf2 ubiquitination and degradation by phosphorylating cylindromatosis, aggravating oxidative stress injury in obesity-related nephropathy. <i>Molecular Medicine</i> , 2021, 27, 137.	1.9	10
2014	Cerium Oxide Nanoparticles Alleviate Hepatic Fibrosis Phenotypes In Vitro. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11777.	1.8	13
2015	Mitochondrial quality control in cartilage damage and osteoarthritis: new insights and potential therapeutic targets. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 395-405.	0.6	27
2016	Cell Biology Meets Cell Metabolism: Energy Production Is Similar in Stem Cells and in Cancer Stem Cells in Brain and Bone Marrow. <i>Journal of Histochemistry and Cytochemistry</i> , 2022, 70, 29-51.	1.3	7
2017	Synthetic Triterpenoid <scp>RTA</scp>â€408: Limits Radiation Damage to Normal Tissue. <i>Laryngoscope</i> , 2022, 132, 1196-1204.	1.1	1
2018	A versatile flavonoid Quercetin: Study of its toxicity and differential gene expression in the liver of mice. <i>Phytomedicine Plus</i> , 2022, 2, 100148.	0.9	9
2019	Oleic acid alleviates LPS-induced acute kidney injury by restraining inflammation and oxidative stress via the Ras/MAPKs/PPAR-ÎĤ signaling pathway. <i>Phytomedicine</i> , 2022, 94, 153818.	2.3	34
2020	Erythritol Improves Nonalcoholic Fatty Liver Disease by Activating Nrf2 Antioxidant Capacity. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 13080-13092.	2.4	17

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2022	The Effect of <i>Lonicera japonica</i> Extract in Wound-induced Rats. <i>Journal of Korean Medicine Rehabilitation</i> , 2020, 30, 47-61.	0.2	1
2023	Elevation of gene expression of Btg2, Gadd 153, and antioxidant markers in RONS-induced PC12 cells. <i>Beni-Suef University Journal of Basic and Applied Sciences</i> , 2020, 9, .	0.8	0
2024	Especies reactivas de oxígeno, estrés oxidativo y su relación con la destrucción tisular en periodontitis. <i>C E S Odontologia</i> , 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. <i>Clinical and Translational Medicine</i> , 2020, 10, e256.	1.7	1
2027	Toxicological impact of organic ultrafine particles (UFPs) in human bronchial epithelial BEAS-2B cells at air-liquid interface. <i>Toxicology in Vitro</i> , 2022, 78, 105258.	1.1	12
2028	Structure-guided discovery of antioxidant peptides bounded to the Keap1 receptor as hunter for potential dietary antioxidants. <i>Food Chemistry</i> , 2022, 373, 130999.	4.2	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. <i>Wspolczesna Onkologia</i> , 2020, 24, 229-240.	0.7	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. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 0, 56, .	1.2	1
2032	Autophagy and the potential linkage with the human oral diseases. <i>Journal of Dental Problems and Solutions</i> , 2020, 7, 010-019.	0.0	1
2033	Peroxisomal abnormalities and catalase deficiency in Hutchinson-Gilford Progeria Syndrome. <i>Aging</i> , 2020, 12, 5195-5208.	1.4	10
2034	Cardioprotective responses to aerobic exercise-induced physiological hypertrophy in zebrafish heart. <i>Journal of Physiological Sciences</i> , 2021, 71, 33.	0.9	9
2035	Acid Sphingomyelinase Controls Early Phases of Skeletal Muscle Regeneration by Shaping the Macrophage Phenotype. <i>Cells</i> , 2021, 10, 3028.	1.8	4
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2037	Activation of the ROS/CncC and 20-Hydroxyecdysone Signaling Pathways Is Associated with Xanthotoxin-Induced Tolerance to Î»-Cyhalothrin in <i>Spodoptera litura</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 13425-13435.	2.4	21
2038	Interplay between Mitochondrial Metabolism and Cellular Redox State Dictates Cancer Cell Survival. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-20.	1.9	15
2039	The relationship of fructose consumption with MDA levels in rat liver and its effect on the expression levels of COX-2 and NRF-2 genes. <i>Ankara Universitesi Veteriner Fakultesi Dergisi</i> , 0, , .	0.4	3

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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. <i>Aging</i> , 2020, 12, 25505-25527.	1.4	10
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2044	Protein Oxidative Modifications: Beneficial Roles in Disease and Health. <i>Journal of Biochemical and Pharmacological Research</i> , 2013, 1, 15-26.	1.7	100
2045	Classification of oxidative stress based on its intensity. <i>EXCLI Journal</i> , 2014, 13, 922-37.	0.5	33
2046	Oxidative stress participates in quadriceps muscle dysfunction during the initiation of osteoarthritis in rats. <i>International Journal of Clinical and Experimental Pathology</i> , 2015, 8, 12491-9.	0.5	7
2047	Advances in mechanisms of anti-oxidation. <i>Discovery Medicine</i> , 2014, 17, 121-30.	0.5	17
2048	Alcohol Upregulation of CYP2A5: Role of Reactive Oxygen Species. <i>Reactive Oxygen Species (Apex, N C)</i> , 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. <i>American Journal of Translational Research (discontinued)</i> , 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. <i>American Journal of Translational Research (discontinued)</i> , 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. <i>International Journal of Clinical and Experimental Pathology</i> , 2018, 11, 4917-4925.	0.5	2
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2054	Molecular hydrogen is comparable to sulfasalazine as a treatment for DSS-induced colitis in mice. <i>EXCLI Journal</i> , 2021, 20, 1106-1117.	0.5	0
2055	Lithium promotes recovery after spinal cord injury. <i>Neural Regeneration Research</i> , 2022, 17, 1324.	1.6	15
2056	Silent information regulator 1 ameliorates oxidative stress injury via PGC-1 α /PPAR δ -Nrf2 pathway after ischemic stroke in rat. <i>Brain Research Bulletin</i> , 2022, 178, 37-48.	1.4	5
2057	Designing robust chitosan-based hydrogels for stem cell nesting under oxidative stress. <i>BioImpacts</i> , 2021, 12, 57-64.	0.7	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- κ B/P65 NF- κ B/P38 MAPK signaling pathways: Molecular study, molecular docking evidence and network pharmacology analysis. <i>International Immunopharmacology</i> , 2022, 102, 108382.	1.7	15
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2063	Recent Progress of Ferroptosis in Lung Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 789517.	1.8	29
2064	Honokiol alleviates LPS-induced acute lung injury by inhibiting NLRP3 inflammasome-mediated pyroptosis via Nrf2 activation in vitro and in vivo. <i>Chinese Medicine</i> , 2021, 16, 127.	1.6	40
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2069	Emerging Antioxidant Paradigm of Mesenchymal Stem Cell-Derived Exosome Therapy. <i>Frontiers in Endocrinology</i> , 2021, 12, 727272.	1.5	22
2070	Plasma obtained following murine hindlimb ischemic conditioning protects against oxidative stress in zebrafish models through activation of nrf2a and downregulation of duox. <i>PLoS ONE</i> , 2021, 16, e0260442.	1.1	2
2071	Oxidative Stress and Inflammation Caused by Cisplatin Ototoxicity. <i>Antioxidants</i> , 2021, 10, 1919.	2.2	35
2072	Anemopsis californica Attenuates Photoaging by Regulating MAPK, NRF2, and NFATc1 Signaling Pathways. <i>Antioxidants</i> , 2021, 10, 1882.	2.2	2
2073	Insight into the Double-Edged Role of Ferroptosis in Disease. <i>Biomolecules</i> , 2021, 11, 1790.	1.8	15
2074	Climate change affects the parasitism rate and impairs the regulation of genes related to oxidative stress and ionoregulation of <i>Colossoma macropomum</i> . <i>Scientific Reports</i> , 2021, 11, 22350.	1.6	7
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2077	Microalgae as a Source of Mycosporine-like Amino Acids (MAAs); Advances and Future Prospects. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12402.	1.2	18
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2079	Supplemental Oxygen in the Newborn: Historical Perspective and Current Trends. <i>Antioxidants</i> , 2021, 10, 1879.	2.2	15
2080	Succinate dehydrogenase 5 regulates lung cancer metastasis by reprogramming glucose metabolism. <i>Journal of Thoracic Disease</i> , 2021, 13, 6427-6438.	0.6	3
2081	Targeting Production of Reactive Oxygen Species as an Anticancer Strategy. <i>Anticancer Research</i> , 2021, 41, 5881-5902.	0.5	6
2082	Oxidative stress parameters and keap 1 variants in T2DM: Association with T2DM, diabetic neuropathy, diabetic retinopathy, and obesity. <i>Journal of Clinical Laboratory Analysis</i> , 2022, 36, e24163.	0.9	11
2083	Redox Processes in the Etiopathogenesis of Cerebrovascular Diseases. <i>Healthy Ageing and Longevity</i> , 2022, , 369-384.	0.2	0
2084	Banhasasim-Tang Ameliorates Spatial Memory by Suppressing Oxidative Stress through Regulation of ERK/p38 Signaling in Hippocampus of Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.	1.9	3
2085	Intravitreal Injection of Long-Acting Pegylated Granulocyte Colony-Stimulating Factor Provides Neuroprotective Effects via Antioxidant Response in a Rat Model of Traumatic Optic Neuropathy. <i>Antioxidants</i> , 2021, 10, 1934.	2.2	5
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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.	0.8	3
2091	Study on the Pharmacodynamic Effect of <i>Rhizoma Dioscoreae</i> Polysaccharides on Cerebral Ischemia-Reperfusion Injury in Rats and the Possible Mechanism. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
2092	The Double-Edged Sword Role of ROS in Cancer. , 2021, , 1-17.		0
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2097	WD-40 repeat protein 26 protects against oxidative stress-induced injury in astrocytes via Nrf2/HO-1 pathways. <i>Molecular Biology Reports</i> , 2022, 49, 1045-1056.	1.0	1
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.	1.1	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.	3.6	10
2100	“Oxidative stress induced by phthalates in mammals: State of the art and potential biomarkers” <i>Environmental Research</i> , 2022, 206, 112636.	3.7	24
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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.	1.1	23
2104	Immunosuppression in Multiple Sclerosis and Other Neurologic Disorders. <i>Handbook of Experimental Pharmacology</i> , 2021, , 245-265.	0.9	1
2105	Understanding the Emerging Link Between Circadian Rhythm, Nrf2 Pathway, and Breast Cancer to Overcome Drug Resistance. <i>Frontiers in Pharmacology</i> , 2021, 12, 719631.	1.6	12
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.	1.4	1
2107	Extracellular vesicles in vascular remodeling. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 2191-2201.	2.8	17
2108	Nrf2/ARE axis signalling in hepatocyte cellular death. <i>Molecular Biology Reports</i> , 2022, 49, 4039-4053.	1.0	12
2109	Gallic Acid and Gallic Acid Nanoparticle Modulate Insulin Secretion Pancreatic Î²-Islets against Silica Nanoparticle—Induced Oxidative Damage. <i>Biological Trace Element Research</i> , 2022, 200, 5159-5171.	1.9	3
2110	SESN2/NRF2 signaling activates as a direct downstream regulator of the PERK pathway against endoplasmic reticulum stress to improve the in vitro maturation of porcine oocytes. <i>Free Radical Biology and Medicine</i> , 2022, 178, 413-427.	1.3	13
2111	Xenobiotic responses in insects. <i>Archives of Insect Biochemistry and Physiology</i> , 2022, 109, e21869.	0.6	24
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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.	1.9	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.	2.7	6
2116	Multifunctional Supramolecular Filament Hydrogel Boosts Anti-inflammatory Efficacy In Vitro and In Vivo. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	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.	0.3	0
2118	Perturbation of Cellular Redox Status: Role of Nrf2, a Master Regulator of Cellular Redox. <i>Biochemistry</i> , 0, , .	0.8	3
2119	Salvianolate Ameliorates Renal Tubular Injury Through the Keap1/Nrf2/ARE Pathway in Mouse Kidney Ischemia-Reperfusion Injury. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
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.	1.3	5
2121	A Glutathione Peroxidase Gene from <i>Litopenaeus vannamei</i> Is Involved in Oxidative Stress Responses and Pathogen Infection Resistance. <i>International Journal of Molecular Sciences</i> , 2022, 23, 567.	1.8	11
2122	Emodin Attenuates the ECM Degradation and Oxidative Stress of Chondrocytes through the Nrf2/NQO1/HO-1 Pathway to Ameliorate Rat Osteoarthritis. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-18.	1.9	2
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2124	Host-microbial interactions between <i>PTGR2</i> and <i>Bifidobacterium</i> in the early life gut of atopic dermatitis children. <i>Pediatric Allergy and Immunology</i> , 2022, 33, .	1.1	4
2125	Doxorubicin-Induced Cardiotoxicity: An Overview on Pre-clinical Therapeutic Approaches. <i>Cardiovascular Toxicology</i> , 2022, 22, 292-310.	1.1	57
2126	The Role of NRF2 in Obesity-Associated Cardiovascular Risk Factors. <i>Antioxidants</i> , 2022, 11, 235.	2.2	24
2127	The Double-Edged Sword Role of ROS in Cancer. , 2022, , 1103-1119.		0
2128	Metabolic Features of Brain Function with Relevance to Clinical Features of Alzheimer and Parkinson Diseases. <i>Molecules</i> , 2022, 27, 951.	1.7	12
2129	Endothelial Dysfunction: An Intermediate Clinical Feature between Urolithiasis and Cardiovascular Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 912.	1.8	10
2130	Nrf2 signaling pathway in trace metal carcinogenesis: A cross-talk between oxidative stress and angiogenesis. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2022, 254, 109266.	1.3	6

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2132	Revisiting the Oxidation of Flavonoids: Loss, Conservation or Enhancement of Their Antioxidant Properties. <i>Antioxidants</i> , 2022, 11, 133.	2.2	76
2133	NXP032 Ameliorates Aging-Induced Oxidative Stress and Cognitive Impairment in Mice through Activation of Nrf2 Signaling. <i>Antioxidants</i> , 2022, 11, 130.	2.2	9
2134	Coenzyme Q0 Inhibits NLRP3 Inflammasome Activation through Mitophagy Induction in LPS/ATP-Stimulated Macrophages. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-15.	1.9	17
2135	Antioxidant therapies in traumatic brain injury. <i>Neurochemistry International</i> , 2022, 152, 105255.	1.9	23
2136	Circadian transcription factor NPAS2 and the NAD ⁺ -dependent deacetylase SIRT1 interact in the mouse nucleus accumbens and regulate reward. <i>European Journal of Neuroscience</i> , 2022, 55, 675-693.	1.2	9
2137	Naturally Occurring Antioxidant Therapy in Alzheimer's Disease. <i>Antioxidants</i> , 2022, 11, 213.	2.2	38
2139	The Role of Oxidative Stress in the Pathogenesis of Vitiligo: A Culprit for Melanocyte Death. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-12.	1.9	43
2140	Overexpression of Cpg15 Alleviates the Oxidative Stress in Neuronal Cells Via Regulating Redox Enzymes and Nrf2 Antioxidative Pathway. <i>Neurotoxicity Research</i> , 2022, , 1.	1.3	1
2141	Genomic Instability in Carcinogenesis. , 2022, , 619-636.		0
2142	Quercetin ameliorates Di (2-ethylhexyl) phthalate-induced nephrotoxicity by inhibiting NF- κ B signaling pathway. <i>Toxicology Research</i> , 2022, 11, 272-285.	0.9	9
2143	Yin-Yang of Oxidative Stress in Pancreatic Cancers. , 2022, , 1521-1543.		0
2144	The Protective Effect of <i>Trichilia catigua</i> A. Juss. on DEHP-Induced Reproductive System Damage in Male Mice. <i>Frontiers in Pharmacology</i> , 2022, 13, 832789.	1.6	3
2145	Acute ammonia exposure combined with heat stress impaired the histological features of gills and liver tissues and the expression responses of immune and antioxidative related genes in Nile tilapia. <i>Ecotoxicology and Environmental Safety</i> , 2022, 231, 113187.	2.9	48
2146	How Cells Deal with the Fluctuating Environment: Autophagy Regulation under Stress in Yeast and Mammalian Systems. <i>Antioxidants</i> , 2022, 11, 304.	2.2	15
2147	p62-Nrf2 Regulatory Loop Mediates the Anti-Pulmonary Fibrosis Effect of Bergenin. <i>Antioxidants</i> , 2022, 11, 307.	2.2	10
2148	Dissecting the Crosstalk Between Nrf2 and NF- κ B Response Pathways in Drug-Induced Toxicity. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 809952.	1.8	58
2149	Clinical use of N-acetyl cysteine during liver transplantation: Implications of oxidative stress and inflammation as therapeutic targets. <i>Biomedicine and Pharmacotherapy</i> , 2022, 147, 112638.	2.5	6

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2152	Revisiting therapeutic strategies for ovarian cancer by focusing on redox homeostasis (Review). <i>Oncology Letters</i> , 2022, 23, 80.	0.8	3
2153	Silencing of Nrf2 in <i>Litopenaeus vannamei</i> , decreased the antioxidant capacity, and increased apoptosis and autophagy. <i>Fish and Shellfish Immunology</i> , 2022, 122, 257-267.	1.6	12
2154	Ergothioneine Improves Aerobic Performance Without Any Negative Effect on Early Muscle Recovery Signaling in Response to Acute Exercise. <i>Frontiers in Physiology</i> , 2022, 13, 834597.	1.3	6
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2320	Ethyl carbamate triggers ferroptosis in liver through inhibiting GSH synthesis and suppressing Nrf2 activation. <i>Redox Biology</i> , 2022, 53, 102349.	3.9	62
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2384	The Effects of Antioxidant Nutraceuticals on Cellular Sulfur Metabolism and Signaling. <i>Antioxidants and Redox Signaling</i> , 2023, 38, 68-94.	2.5	2
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2388	Corylin from <i>Psoralea fructus</i> (<i>Psoralea corylifolia</i> L.) protects against UV-induced skin aging by activating Nrf2 defense mechanisms. <i>Phytotherapy Research</i> , 2022, 36, 3276-3294.	2.8	11
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2396	Investigation of serum adropin levels and its relationship with hypothalamic atrophy in patients with multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2022, 66, 103948.	0.9	1
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2417	Oxidative Stress: Glutathione and Its Potential to Protect Methionine-35 of $\hat{A}^{\hat{I}^2}$ Peptide from Oxidation. <i>ACS Omega</i> , 2022, 7, 27052-27061.	1.6	19
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2432	The Antioxidant and Anti-Inflammatory Effects of Flavonoids from Propolis via Nrf2 and NF- κ B Pathways. <i>Foods</i> , 2022, 11, 2439.	1.9	15
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2450	Caloric restriction: Anti-inflammatory and antioxidant mechanisms against epileptic seizures. <i>Epilepsy Research</i> , 2022, 186, 107012.	0.8	1
2451	Chemical and biochemical responses to sublethal doses of mercury and cadmium in gilthead seabream (<i>Sparus aurata</i>). <i>Chemosphere</i> , 2022, 307, 135822.	4.2	3
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