

Lipid Peroxidation: Production, Metabolism, and Signal and 4-Hydroxy-2-Nonenal

Oxidative Medicine and Cellular Longevity

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Heme Oxygenase-1: Redox Regulation of a Stress Protein in Lung and Cell Culture Models. <i>Antioxidants and Redox Signaling</i> , 2005, 7, 80-91.	2.5	221
2	A Preliminary Analysis of Within-Subject Variation in Human Serum Oxidative Stress Parameters as a Function of Time. <i>Rejuvenation Research</i> , 2007, 10, 621-636.	0.9	24
3	Oxidative Folding: Cellular Strategies for Dealing with the Resultant Equimolar Production of Reactive Oxygen Species. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 2317-2331.	2.5	124
4	Redox Control and Interplay Between p53 Isoforms: Roles in the Regulation of Basal p53 Levels, Cell Fate, and Senescence. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 1655-1667.	2.5	48
5	Phospholipase A2 Åçâ, -âœ nexus of aging, oxidative stress, neuronal excitability, and functional decline of the aging nervous system? Insights from a snail model system of neuronal aging and age-associated memory impairment. <i>Frontiers in Genetics</i> , 2014, 5, 419.	1.1	54
6	Mitochondrial dysfunction and tissue injury by alcohol, high fat, nonalcoholic substances and pathological conditions through post-translational protein modifications. <i>Redox Biology</i> , 2014, 3, 109-123.	3.9	98
7	Resveratrol and cardiovascular health â€“ Promising therapeutic or hopeless illusion?. <i>Pharmacological Research</i> , 2014, 90, 88-115.	3.1	74
8	GLUT10 deficiency leads to oxidative stress and non-canonical Î±vÎ²3 integrin-mediated TGFÎ² signalling associated with extracellular matrix disarray in arterial tortuosity syndrome skin fibroblasts. <i>Human Molecular Genetics</i> , 2015, 24, 6769-6787.	1.4	42
9	The importance of antioxidants which play the role in cellular response against oxidative/nitrosative stress: current state. <i>Nutrition Journal</i> , 2015, 15, 71.	1.5	1,273
10	Poorly soluble cobalt oxide particles trigger genotoxicity via multiple pathways. <i>Particle and Fibre Toxicology</i> , 2015, 13, 5.	2.8	27
11	Glucose Homeostasis and Cardiovascular Alterations in Diabetes. , 2015, 5, 1815-1839.		17
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13	Ï‰-3 Fatty Acids and Cardiovascular Diseases: Effects, Mechanisms and Dietary Relevance. <i>International Journal of Molecular Sciences</i> , 2015, 16, 22636-22661.	1.8	82
14	Rutin ameliorates methotrexate induced hepatic injury in rats. <i>Acta Cirurgica Brasileira</i> , 2015, 30, 778-784.	0.3	39
15	Sustained Isoprostane E2 Elevation, Inflammation and Fibrosis after Acute Ischaemia-Reperfusion Injury Are Reduced by Pregnane X Receptor Activation. <i>PLoS ONE</i> , 2015, 10, e0136173.	1.1	6
16	Heat stress and vitamin E in diets for broilers as a mitigating measure. <i>Acta Scientiarum - Animal Sciences</i> , 2015, 37, 419.	0.3	15
17	Effect of Cymbopogon Citratus on Oxidative Stress Markers in Erythrocytes from Postmenopausal Woman: A Pilot Study. <i>Journal of Plant Studies</i> , 2015, 5, 20.	0.3	1
18	Quercetin, a Flavonoid Antioxidant, Ameliorated Procarbazine-Induced Oxidative Damage to Murine Tissues. <i>Antioxidants</i> , 2015, 4, 304-321.	2.2	23

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19	Redox interplay between mitochondria and peroxisomes. <i>Frontiers in Cell and Developmental Biology</i> , 2015, 3, 35.	1.8	174
20	4-Hydroxy-nonenal—A Bioactive Lipid Peroxidation Product. <i>Biomolecules</i> , 2015, 5, 2247-2337.	1.8	160
21	In Vitro/In Vivo Toxicity Evaluation and Quantification of Iron Oxide Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2015, 16, 24417-24450.	1.8	156
22	Salivary markers of oxidative stress in oral diseases. <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 73.	1.8	120
23	Antioxidants in Cardiovascular Therapy: Panacea or False Hope?. <i>Frontiers in Cardiovascular Medicine</i> , 2015, 2, 29.	1.1	130
24	Carotenoids from Marine Microalgae: A Valuable Natural Source for the Prevention of Chronic Diseases. <i>Marine Drugs</i> , 2015, 13, 5128-5155.	2.2	156
25	Methylcholanthrene-Induced Sarcomas Develop Independently from NOX2-Derived ROS. <i>PLoS ONE</i> , 2015, 10, e0129786.	1.1	11
26	Luteolin and Apigenin Attenuate 4-Hydroxy-2-Nonenal-Mediated Cell Death through Modulation of UPR, Nrf2-ARE and MAPK Pathways in PC12 Cells. <i>PLoS ONE</i> , 2015, 10, e0130599.	1.1	50
27	Long Term Influence of Carbon Nanoparticles on Health and Liver Status in Rats. <i>PLoS ONE</i> , 2015, 10, e0144821.	1.1	45
28	The Persimmon 9-lipoxygenase Gene DkLOX3 Plays Positive Roles in Both Promoting Senescence and Enhancing Tolerance to Abiotic Stress. <i>Frontiers in Plant Science</i> , 2015, 6, 1073.	1.7	57
29	Placental Oxidative Status throughout Normal Gestation in Women with Uncomplicated Pregnancies. <i>Obstetrics and Gynecology International</i> , 2015, 2015, 1-6.	0.5	33
30	Cobrotoxin from <i>Naja naja atra</i> Venom Ameliorates Adriamycin Nephropathy in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-15.	0.5	4
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32	Novel Pharmacological Properties of <i>Dinoponera quadriceps</i> Giant Ant Venom. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.2	4
33	Why does obesity promote cancer? Epidemiology, biology, and open questions. <i>Ecancermedicalscience</i> , 2015, 9, 554.	0.6	25
35	Ethylene-induced water soaking in <i>Dendrobium</i> floral buds, accompanied by increased lipoxygenase and phospholipase D (PLD) activity and expression of a PLD gene. <i>Postharvest Biology and Technology</i> , 2015, 108, 48-53.	2.9	17
36	The periovulatory endocrine milieu affects the uterine redox environment in beef cows. <i>Reproductive Biology and Endocrinology</i> , 2015, 13, 39.	1.4	32
37	Oxidative and nitrative stress in neurodegeneration. <i>Neurobiology of Disease</i> , 2015, 84, 4-21.	2.1	204

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38	Blood Malondialdehyde, Reproductive, and Lactation Performances of Ewes Fed High PUFA Rations Supplemented with Different Antioxidant Sources. <i>Media Peternakan</i> , 2015, 38, 48-56.	0.3	4
39	Status of vitamin D, antioxidant enzymes, and antioxidant substances in neonates with neonatal hypoxic-ischemic encephalopathy. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2016, 29, 2259-2263.	0.7	24
40	Xanthophylls lutein and zeaxanthin modify gene expression and induce synthesis of hyaluronan in keratinocyte model of human skin. <i>Biochemistry and Biophysics Reports</i> , 2015, 4, 52-58.	0.7	10
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45	Editorial: Citrullination, and Carbamylation, and Malondialdehyde&Acetaldehyde! Oh My! Entering the Forest of Autoantigen Modifications in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2015, 67, 604-608.	2.9	27
46	Oxidative stress induced by cumene hydroperoxide evokes changes in neuronal excitability of rat motor cortex neurons. <i>Neuroscience</i> , 2015, 289, 85-98.	1.1	23
47	Overview on major lipid peroxidation bioactive factor 4-hydroxynonenal as pluripotent growth-regulating factor. <i>Free Radical Research</i> , 2015, 49, 850-860.	1.5	72
48	Oxidative stress as an etiological factor and a potential treatment target of psychiatric disorders. Part 1. Chemical aspects and biological sources of oxidative stress in the brain. <i>Pharmacological Reports</i> , 2015, 67, 560-568.	1.5	53
49	On the role of 4-hydroxynonenal in health and disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 826-838.	1.8	189
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57	Reno-protective effect of garlic extract against immobilization stress induced changes in rats. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2015, 5, 364-369.	0.5	11
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60	Protective effect of centella triterpene saponins against cyclophosphamide-induced immune and hepatic system dysfunction in rats: its possible mechanisms of action. <i>Journal of Physiology and Biochemistry</i> , 2015, 71, 435-454.	1.3	28
61	Carbon monoxide modulates cytochrome oxidase activity and oxidative stress in the developing murine brain during isoflurane exposure. <i>Free Radical Biology and Medicine</i> , 2015, 86, 191-199.	1.3	26
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67	Identification of an unstable 4-hydroxynoneal modification on the 20S proteasome subunit $\hat{\pm}7$ by recombinant antibody technology.. <i>Free Radical Biology and Medicine</i> , 2015, 89, 786-792.	1.3	15
68	Ethanol extracts of <i>Scutellaria baicalensis</i> protect against lipopolysaccharide-induced acute liver injury in mice. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2015, 5, 761-767.	0.5	10
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76	Effect of Administration Duration of Low Dose Methotrexate on Development of Acute Kidney Injury in Rats. <i>Journal of Kidney</i> , 2016, 2, .	0.1	7
77	S100b Induces Expression of Myoglobin in AP β Treated Neuronal Cells In Vitro: A Possible Neuroprotective Mechanism. <i>Current Aging Science</i> , 2016, 9, 279-283.	0.4	8
78	Sympathetic Nervous System Control of Carbon Tetrachloride-Induced Oxidative Stress in Liver through β -Adrenergic Signaling. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-11.	1.9	11
79	Evaluation of Hypoglycemic and Genotoxic Effect of Polyphenolic Bark Extract from <i>Quercus sideroxyloides</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2016, 2016, 1-7.	0.5	7
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82	Systemic Redox Imbalance in Chronic Kidney Disease: A Systematic Review. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-19.	1.9	64
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94	Inflammogenesis of Secondary Spinal Cord Injury. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 98.	1.8	322
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105	Hydrogen peroxide-induced oxidative damage in peripheral blood lymphocytes from rats chronically treated with corticosterone: The protective effect of oxytocin treatment. <i>Chemico-Biological Interactions</i> , 2016, 256, 134-141.	1.7	23
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107	Characterisation of a mouse cerebral microvascular endothelial cell line (bEnd.3) after oxygen glucose deprivation and reoxygenation. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2016, 43, 777-786.	0.9	19
108	Extraction, identification, fractionation and isolation of phenolic compounds in plants with hepatoprotective effects. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 1068-1084.	1.7	52
109	Protein lipid modificationsâMore than just a greasy ballast. <i>Proteomics</i> , 2016, 16, 759-782.	1.3	62
110	Connexin32 deficiency exacerbates carbon tetrachloride-induced hepatocellular injury and liver fibrosis in mice. <i>Toxicology Mechanisms and Methods</i> , 2016, 26, 362-370.	1.3	13

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111	Wine and health: faraway concepts?. <i>British Food Journal</i> , 2016, 118, 946-960.	1.6	26
112	The neurotoxic effects of hydrogen peroxide and copper in Retzius nerve cells of the leech <i>Haemopis sanguisuga</i> . <i>Biology Open</i> , 2016, 5, 381-388.	0.6	6
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120	Peptide translocation through the plasma membrane of human cells: Can oxidative stress be exploited to gain better intracellular access?. <i>Communicative and Integrative Biology</i> , 2016, 9, e1205771.	0.6	13
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127	Oxidative stress and lipotoxicity. <i>Journal of Lipid Research</i> , 2016, 57, 1976-1986.	2.0	209
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129	Food-based modification of LC-PUFA concentration in complementary food did not affect plasma vitamin E concentration in infants. <i>NFS Journal</i> , 2016, 3, 25-32.	1.9	8
130	Increased levels of urinary biomarkers of lipid peroxidation products among workers occupationally exposed to diesel engine exhaust. <i>Free Radical Research</i> , 2016, 50, 820-830.	1.5	13
131	Association between ethnicity and obesity with high-density lipoprotein (HDL) function and subclass distribution. <i>Lipids in Health and Disease</i> , 2016, 15, 92.	1.2	47
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134	Pregestational Obesity-Induced Embryopathy. <i>Reproductive Sciences</i> , 2016, 23, 1250-1257.	1.1	2
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136	Oral magnesium reduces gastric mucosa susceptibility to injury in experimental diabetes mellitus. <i>Pathophysiology</i> , 2016, 23, 87-93.	1.0	11
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138	The novel c-Met inhibitor capmatinib mitigates diethylnitrosamine acute liver injury in mice. <i>Toxicology Letters</i> , 2016, 261, 13-25.	0.4	12
139	Excessive Reactive Oxygen Species and Exotic DNA Lesions as an Exploitable Liability. <i>Biochemistry</i> , 2016, 55, 5341-5352.	1.2	60
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142	Role of sugars under abiotic stress. <i>Plant Physiology and Biochemistry</i> , 2016, 109, 54-61.	2.8	432
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144	Role of Omega-3 PUFAs in Neurobiological Health. <i>Advances in Neurobiology</i> , 2016, 12, 247-274.	1.3	18
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1016	Urinary oxylipin signature as biomarkers to monitor the allograft function during the first six months post-renal transplantation. <i>Free Radical Biology and Medicine</i> , 2020, 146, 340-349.	1.3	7
1017	Effects of temozolomide on U87MG glioblastoma cell expression of CXCR4, MMP2, MMP9, VEGF, anti-proliferatory cytotoxic and apoptotic properties. <i>Molecular Biology Reports</i> , 2020, 47, 1187-1197.	1.0	22
1018	Interleukin-10 limits the initial steps of the cardiorenal damage induced by ethanol consumption. <i>Life Sciences</i> , 2020, 242, 117239.	2.0	3
1019	Effect of the emulsion of Sacha Inchi (<i>Plukenetia huayabambana</i>) oil on oxidative stress and inflammation in rats induced to obesity. <i>Journal of Functional Foods</i> , 2020, 64, 103631.	1.6	13
1020	Glutamine improves heat stress-induced oxidative damage in the broiler thigh muscle by activating the nuclear factor erythroid 2-related 2/Kelch-like ECH-associated protein 1 signaling pathway. <i>Poultry Science</i> , 2020, 99, 1454-1461.	1.5	37
1021	Effect of rosemary extract on lipid oxidation of cooked pork during simulated gastric digestion. <i>Journal of the Science of Food and Agriculture</i> , 2020, 100, 1735-1740.	1.7	3
1022	Anti-fatigue activity of purified anthocyanins prepared from purple passion fruit (<i>P. edulis</i> Sim) epicarp in mice. <i>Journal of Functional Foods</i> , 2020, 65, 103725.	1.6	39
1023	The role of melatonin on doxorubicin-induced cardiotoxicity: A systematic review. <i>Life Sciences</i> , 2020, 241, 117173.	2.0	68
1024	Beneficial effects of <i>Codonopsis lanceolata</i> extract on systolic blood pressure levels in prehypertensive adults: A double-blind, randomized controlled trial. <i>Phytotherapy Research</i> , 2020, 34, 340-348.	2.8	3
1025	Enzymatic, Non-enzymatic Antioxidant Levels and Heat Shock Protein Expression as Indicators of Metal Induced Toxicity and Reproductive Modulation in Female Indian Major Carp <i>Cirrhinus cirrhosus</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020, 104, 235-244.	1.3	11
1026	Genetic linkage of oxidative stress with cardiometabolic traits in an intercross derived from hyperlipidemic mouse strains. <i>Atherosclerosis</i> , 2020, 293, 1-10.	0.4	16
1027	PyMPV17, the MPV17 Homolog of <i>Pyropia yezoensis</i> (Rhodophyta), Enhances Osmotic Stress Tolerance in <i>Chlamydomonas</i> . <i>Plant Molecular Biology Reporter</i> , 2020, 38, 39-47.	1.0	5
1028	Neutralization of Oxidized Phospholipids Ameliorates Non-alcoholic Steatohepatitis. <i>Cell Metabolism</i> , 2020, 31, 189-206.e8.	7.2	113
1029	The relevance of pathophysiological alterations in redox signaling of 4-hydroxynonenal for pharmacological therapies of major stress-associated diseases. <i>Free Radical Biology and Medicine</i> , 2020, 157, 128-153.	1.3	70
1030	Formation of malondialdehyde, 4-hydroxyhexenal and 4-hydroxyheptenal during deep-frying of potato sticks and chicken breast meat in vegetable oils. <i>International Journal of Food Science and Technology</i> , 2020, 55, 1833-1842.	1.3	9
1031	Microalgae carotenoids intake: Influence on cholesterol levels, lipid peroxidation and antioxidant enzymes. <i>Food Research International</i> , 2020, 128, 108770.	2.9	41
1032	Subacute dermal toxicity of perfluoroalkyl carboxylic acids: comparison with different carbon-chain lengths in human skin equivalents and systemic effects of perfluoroheptanoic acid in Sprague Dawley rats. <i>Archives of Toxicology</i> , 2020, 94, 523-539.	1.9	19

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1034	Protective effect of alpha mangostin on rotenone induced toxicity in rat model of Parkinson's disease. <i>Neuroscience Letters</i> , 2020, 716, 134652.	1.0	32
1035	Antioxidative and Anti-Inflammatory Properties of Cannabidiol. <i>Antioxidants</i> , 2020, 9, 21.	2.2	371
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1037	Photoprotective Potential of the Natural Artocarpin against In Vitro UVB-Induced Apoptosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-17.	1.9	11
1038	Pharmacokinetics and Protective Effects of Tartary Buckwheat Flour Extracts against Ethanol-Induced Liver Injury in Rats. <i>Antioxidants</i> , 2020, 9, 913.	2.2	7
1039	Impact of Proton Beam Irradiation on the Growth and Biochemical Indexes of Barley (<i>Hordeum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50	1.6	5
1040	Oxidation degree of a cell membrane model and its response to structural changes, a coarse-grained molecular dynamics approach. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 1930-1941.	2.0	4
1041	A review on neuropharmacological role of erucic acid: an omega-9 fatty acid from edible oils. <i>Nutritional Neuroscience</i> , 2022, 25, 1041-1055.	1.5	21
1042	Modulating Laying Hens Productivity and Immune Performance in Response to Oxidative Stress Induced by <i>E. coli</i> Challenge Using Dietary Propolis Supplementation. <i>Antioxidants</i> , 2020, 9, 893.	2.2	25
1043	Role of Antioxidant Natural Products in Management of Infertility: A Review of Their Medicinal Potential. <i>Antioxidants</i> , 2020, 9, 957.	2.2	42
1044	Cashew (<i>Anacardium occidentale</i> L.) Nuts Modulate the Nrf2 and NLRP3 Pathways in Pancreas and Lung after Induction of Acute Pancreatitis by Cerulein. <i>Antioxidants</i> , 2020, 9, 992.	2.2	44
1045	Probiotics consortium synergistically ameliorates aflatoxin B1-induced disruptions in lipid metabolism of female albino rats. <i>Toxicon</i> , 2020, 186, 109-119.	0.8	10
1046	Oxidative Stress, Proton Fluxes, and Chloroquine/Hydroxychloroquine Treatment for COVID-19. <i>Antioxidants</i> , 2020, 9, 894.	2.2	17
1047	Clinical Evidence of Antidepressant Effects of Insulin and Anti-Hyperglycemic Agents and Implications for the Pathophysiology of Depression: A Literature Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6969.	1.8	18
1048	Polyunsaturated fatty acids and p38-MAPK link metabolic reprogramming to cytoprotective gene expression during dietary restriction. <i>Nature Communications</i> , 2020, 11, 4865.	5.8	21
1049	Ozone: a natural bioactive molecule with antioxidant property as potential new strategy in aging and in neurodegenerative disorders. <i>Ageing Research Reviews</i> , 2020, 63, 101138.	5.0	55
1050	Salivary Redox Biomarkers in the Course of Caries and Periodontal Disease. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6240.	1.3	9

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1052	Modulatory role of dietary polyunsaturated fatty acids in Nrf2-mediated redox homeostasis. <i>Progress in Lipid Research</i> , 2020, 80, 101066.	5.3	31
1053	Betain as a multipath oxidative stress and inflammation modulator: a beetroot pigment with protective effects on cardiovascular disease pathogenesis. <i>Critical Reviews in Food Science and Nutrition</i> , 2022, 62, 539-554.	5.4	47
1054	Plasma-activated water: Physicochemical properties, microbial inactivation mechanisms, factors influencing antimicrobial effectiveness, and applications in the food industry. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2020, 19, 3951-3979.	5.9	134
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1056	De Novo Development of a Quantitative Adverse Outcome Pathway (qAOP) Network for Ultraviolet B (UVB) Radiation Using Targeted Laboratory Tests and Automated Data Mining. <i>Environmental Science & Technology</i> , 2020, 54, 13147-13156.	4.6	22
1057	Didymin ameliorates dexamethasone-induced non-alcoholic fatty liver disease by inhibiting TLR4/NF- κ B and PI3K/Akt pathways in C57BL/6J mice. <i>International Immunopharmacology</i> , 2020, 88, 107003.	1.7	23
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1059	High-Fat Diet-Induced Functional and Pathologic Changes in Lacrimal Gland. <i>American Journal of Pathology</i> , 2020, 190, 2387-2402.	1.9	27
1060	Inhibition of β -glutamyltransferase ameliorates ischaemia-reoxygenation tissue damage in rats with hepatic steatosis. <i>British Journal of Pharmacology</i> , 2020, 177, 5195-5207.	2.7	7
1061	Predictive value of oxidative stress biomarkers in drug-free patients with schizophrenia and schizo-affective disorder. <i>Psychiatry Research</i> , 2020, 293, 113467.	1.7	23
1062	Lipopolysaccharide-Elicited Systemic Inflammation Induces Selective Vulnerability of Cerebral Cortex and Striatum of Developing Glutaryl-CoA Dehydrogenase Deficient (<i>Gcdh</i> ^{-/-}) Mice to Oxidative Stress. <i>Neurotoxicity Research</i> , 2020, 38, 1024-1036.	1.3	8
1063	Azocompounds as generators of defined radical species: Contributions and challenges for free radical research. <i>Free Radical Biology and Medicine</i> , 2020, 160, 78-91.	1.3	34
1064	Molecular correlates of mitochondrial dysfunctions in major depression: Evidence from clinical and rodent studies. <i>Molecular and Cellular Neurosciences</i> , 2020, 109, 103555.	1.0	19
1065	Effect of melatonin supplementation on oxidative stress parameters: A systematic review and meta-analysis. <i>Pharmacological Research</i> , 2020, 161, 105210.	3.1	44
1066	Molecular Mechanisms of Ferroptosis and Its Role in Pulmonary Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	1.9	35
1067	Can Meat and Meat-Products Induce Oxidative Stress?. <i>Antioxidants</i> , 2020, 9, 638.	2.2	44
1068	Synthesis and in vitro characterization of the genotoxic, mutagenic and cell-transforming potential of nitrosylated heme. <i>Archives of Toxicology</i> , 2020, 94, 3911-3927.	1.9	10

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1070	Oxidative damage to lipids is rapidly reduced during migratory stopovers. <i>Functional Ecology</i> , 2020, 34, 1215-1222.	1.7	24
1071	Untangling life span and body mass discrepancies in canids: phylogenetic comparison of oxidative stress in blood from domestic dogs and wild canids. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 319, R203-R210.	0.9	10
1072	Decreased levels of urinary di-2-ethylhexyl phthalate (DEHP) metabolites and biomarkers of oxidative stress in children exposed to DEHP-tainted foods in Taiwan in 2011: A 44-month follow-up. <i>Environmental Pollution</i> , 2020, 266, 115204.	3.7	9
1073	Cytotoxicity and genotoxicity of gold nanorods assisted photothermal therapy against Ehrlich carcinoma in-vivo. <i>Life Sciences</i> , 2020, 257, 118108.	2.0	12
1074	Effects of Gut Microbiome on Carcinogenic DNA Damage. <i>Chemical Research in Toxicology</i> , 2020, 33, 2130-2138.	1.7	10
1075	Centella asiatica alleviates diabetes-induced changes in fatty acid profile and oxidative damage in rat testis. <i>Andrologia</i> , 2020, 52, e13751.	1.0	1
1076	Not All Stressors Are Equal: Mechanism of Stressors on RPE Cell Degeneration. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 591067.	1.8	29
1077	Lipid Peroxidation and Antioxidant Supplementation in Neurodegenerative Diseases: A Review of Human Studies. <i>Antioxidants</i> , 2020, 9, 1128.	2.2	52
1078	Licorice Ameliorates Cisplatin-Induced Hepatotoxicity Through Antiapoptosis, Antioxidative Stress, Anti-Inflammation, and Acceleration of Metabolism. <i>Frontiers in Pharmacology</i> , 2020, 11, 563750.	1.6	25
1079	Targeted Antioxidants in Exercise-Induced Mitochondrial Oxidative Stress: Emphasis on DNA Damage. <i>Antioxidants</i> , 2020, 9, 1142.	2.2	20
1080	tert-Butyl Hydroperoxide (tBHP)-Induced Lipid Peroxidation and Embryonic Defects Resemble Glucose-6-Phosphate Dehydrogenase (G6PD) Deficiency in <i>C. elegans</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 8688.	1.8	9
1081	SARS-CoV-2 infection: can ferroptosis be a potential treatment target for multiple organ involvement?. <i>Cell Death Discovery</i> , 2020, 6, 130.	2.0	52
1082	Renal proximal tubular epithelial cells: review of isolation, characterization, and culturing techniques. <i>Molecular Biology Reports</i> , 2020, 47, 9865-9882.	1.0	15
1083	Hepatic Levels of DHA-Containing Phospholipids Instruct SREBP1-Mediated Synthesis and Systemic Delivery of Polyunsaturated Fatty Acids. <i>IScience</i> , 2020, 23, 101495.	1.9	26
1084	Natural Antioxidant Control of Neuropathic Pain—Exploring the Role of Mitochondrial SIRT3 Pathway. <i>Antioxidants</i> , 2020, 9, 1103.	2.2	26
1085	Clinical Application of Antioxidants to Improve Human Oocyte Mitochondrial Function: A Review. <i>Antioxidants</i> , 2020, 9, 1197.	2.2	41
1086	Bringing New Methods to the Seed Proteomics Platform: Challenges and Perspectives. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9162.	1.8	19

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1088	Protective Role of <i>Picalima nitida</i> Seed Extract in High-Fat High-Fructose-Fed Rats. <i>Advances in Pharmacological and Pharmaceutical Sciences</i> , 2020, 2020, 1-11.	0.7	2
1089	The significant role of redox system in myeloid leukemia: from pathogenesis to therapeutic applications. <i>Biomarker Research</i> , 2020, 8, 63.	2.8	21
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1092	Oxidative, Reductive, and Nitrosative Stress Effects on Epigenetics and on Posttranslational Modification of Enzymes in Cardiometabolic Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-19.	1.9	12
1093	Hepatoprotective Effects of a Novel Trihoney against Nonalcoholic Fatty Liver Disease: A Comparative Study with Atorvastatin. <i>Scientific World Journal, The</i> , 2020, 2020, 1-14.	0.8	2
1094	Cashew (<i>Anacardium occidentale</i> L.) Nuts Counteract Oxidative Stress and Inflammation in an Acute Experimental Model of Carrageenan-Induced Paw Edema. <i>Antioxidants</i> , 2020, 9, 660.	2.2	63
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1097	Astragaloside attenuates oxidative stress and acute inflammatory responses in carrageenan-induced paw edema in mice. <i>Molecular Biology Reports</i> , 2020, 47, 6611-6620.	1.0	15
1098	The role of reactive oxygen species in the pathogenic pathways of depression. , 2020, , 3-16.		2
1099	Recurrent Indoor Environmental Pollution and Its Impact on Health and Oxidative Stress of the Textile Workers in Bangladesh. <i>Environmental Health Insights</i> , 2020, 14, 117863022093839.	0.6	5
1100	Potential Biochemical Mechanisms of Brain Injury in Diabetes Mellitus. , 2020, 11, 978.		13
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1102	Exploitation of Agro-Industrial Waste as Potential Source of Bioactive Compounds for Aquaculture. <i>Foods</i> , 2020, 9, 843.	1.9	48
1103	Foodborne bacterial stress responses to exogenous reactive oxygen species (ROS) induced by cold plasma treatments. <i>Trends in Food Science and Technology</i> , 2020, 103, 239-247.	7.8	54
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1107	CMS121, a fatty acid synthase inhibitor, protects against excess lipid peroxidation and inflammation and alleviates cognitive loss in a transgenic mouse model of Alzheimer's disease. <i>Redox Biology</i> , 2020, 36, 101648.	3.9	70
1108	De Novo Transcriptome Assembly and Gene Expression Profiling of the Copepod <i>Calanus helgolandicus</i> Feeding on the PUFA-Producing Diatom <i>Skeletonema marinoi</i> . <i>Marine Drugs</i> , 2020, 18, 392.	2.2	23
1109	Biomimetic CoO@AuPt nanozyme responsive to multiple tumor microenvironmental clues for augmenting chemodynamic therapy. <i>Biomaterials</i> , 2020, 257, 120279.	5.7	99
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1111	Whey protein concentrate protects against age-dependent alteration in redox biomarkers. <i>Biologia Futura</i> , 2020, 71, 273-281.	0.6	1
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1113	Skin photo-protection with phytochemicals against photo-oxidative stress, photo-carcinogenesis, signal transduction pathways and extracellular matrix remodeling—An overview. <i>Ageing Research Reviews</i> , 2020, 62, 101127.	5.0	23
1114	Oxidative Stress in Caffeine Action on the Proliferation and Death of Human Breast Cancer Cells MCF-7 and MDA-MB-231. <i>Nutrition and Cancer</i> , 2021, 73, 1378-1388.	0.9	13
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1116	Protective Effect of Coconut Oil Meal Phenolic Antioxidants against Macromolecular Damage: <i>In Vitro</i> and <i>In Vivo</i> Study. <i>Journal of Chemistry</i> , 2020, 2020, 1-8.	0.9	5
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1118	Water decontamination using non-thermal plasma: Concepts, applications, and prospects. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104377.	3.3	43
1119	The combination of coffee compounds attenuates early fibrosis-associated hepatocarcinogenesis in mice: involvement of miRNA profile modulation. <i>Journal of Nutritional Biochemistry</i> , 2020, 85, 108479.	1.9	13
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1124	The dietary peroxidized lipid, 13-HPODE, promotes intestinal inflammation by mediating granzyme B secretion from natural killer cells. <i>Food and Function</i> , 2020, 11, 9526-9534.	2.1	13
1125	Drought-hardening improves drought tolerance in <i>Nicotiana tabacum</i> at physiological, biochemical, and molecular levels. <i>BMC Plant Biology</i> , 2020, 20, 486.	1.6	30
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1127	Acute and chronic effects of environmental realistic concentrations of clofibric acid in <i>Danio rerio</i> : Behaviour, oxidative stress, biotransformation and lipid peroxidation endpoints. <i>Environmental Toxicology and Pharmacology</i> , 2020, 80, 103468.	2.0	9
1128	The Role of Estrogen in Anxiety-Like Behavior and Memory of Middle-Aged Female Rats. <i>Frontiers in Endocrinology</i> , 2020, 11, 570560.	1.5	23
1129	How do nitrated lipids affect the properties of phospholipid membranes?. <i>Archives of Biochemistry and Biophysics</i> , 2020, 695, 108548.	1.4	10
1130	Pharmacodynamics of malondialdehyde as indirect oxidative stress marker after arrested-heart cardiopulmonary bypass surgery. <i>Biomedicine and Pharmacotherapy</i> , 2020, 132, 110877.	2.5	15
1131	Impact of Androgen Deprivation on Oxidative Stress and Antioxidant Status in Nigerian Patients With Prostate Cancer Undergoing Androgen Deprivation Therapy. <i>JCO Global Oncology</i> , 2020, 6, 1481-1489.	0.8	7
1132	The effect of voluntary wheel running on the antioxidant status is dependent on sociability conditions. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 198, 173018.	1.3	1
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1136	Inhibition of ferroptosis protects House Ear Institute's Organ of Corti 1 cells and cochlear hair cells from cisplatin-induced ototoxicity. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 12065-12081.	1.6	58
1137	Oxidative Stress Markers in Inflammatory Bowel Diseases: Systematic Review. <i>Diagnostics</i> , 2020, 10, 601.	1.3	36
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1139	POTENTIAL ROLE OF ANNONA SQUAMOSA LINN EXTRACT AND N-ACETYL CYSTEINE IN MANAGEMENT OF RIFAMPICIN-INDUCED HEPATOXICITY IN RATS. <i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 0, , 117-123.	0.3	0
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1144	13-Plex UHPLC-MS/MS Analysis of Hexanal and Heptanal Using Multiplex Tags Chemical Isotope Labeling Technology. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1965-1973.	1.2	9
1145	Effect of elicitors on holm oak somatic embryo development and efficacy inducing tolerance to <i>Phytophthora cinnamomi</i> . <i>Scientific Reports</i> , 2020, 10, 15166.	1.6	7
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1149	A fish oil-rich diet leads to lower adiposity and serum triglycerides but increases liver lipid peroxidation in fructose-fed rats. <i>Egyptian Liver Journal</i> , 2020, 10, .	0.3	0
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1319	Amine oxidase 3 is a novel pro-inflammatory marker of oxidative stress in peritoneal endometriosis lesions. <i>Scientific Reports</i> , 2020, 10, 1495.	1.6	11
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1416	Melatonin provides protection against cisplatin-induced ovarian damage and loss of fertility in mice. <i>Reproductive BioMedicine Online</i> , 2021, 42, 505-519.	1.1	29
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1430	Sirtuin 1 mediates hepatoprotective effects of resveratrol-like compounds in experimental liver injury. , 2021, , 295-308.		0
1431	<i>Pinus thunbergii</i> Parl. Extracts Reduce Acute Inflammation by Targeting Oxidative Stress. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-10.	0.5	2

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1433	Low dose spironolactone-mediated androgen-adiponectin modulation alleviates endocrine-metabolic disturbances in letrozole-induced PCOS. Toxicology and Applied Pharmacology, 2021, 411, 115381.	1.3	25
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1458	Decreased bioenergetics in traumatic brain injury. , 2021, , 169-194.		1
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1460	Scanning Ion Conductance Microscopy Study Reveals the Disruption of the Integrity of the Human Cell Membrane Structure by Oxidative DNA Damage. ACS Applied Bio Materials, 2021, 4, 1632-1639.	2.3	11
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1520	Genotoxic and oxidative effect of duloxetine on mouse brain and liver tissues. <i>Scientific Reports</i> , 2021, 11, 6897.	1.6	5
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1525	ACC deaminase containing endophytic bacteria ameliorate salt stress in <i>Pisum sativum</i> through reduced oxidative damage and induction of antioxidative defense systems. <i>Environmental Science and Pollution Research</i> , 2021, 28, 40971-40991.	2.7	62
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1537	The Weight of Obesity in Immunity from Influenza to COVID-19. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 638852.	1.8	24
1538	Cloning and analysis of three glutathione S-transferases in <i>Eriocheir hepuensis</i> and their expression in response to azadirachtin stress. <i>Aquaculture Reports</i> , 2021, 19, 100635.	0.7	4
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1547	Pharmacological Benefits of Triphala: A Perspective for Allergic Rhinitis. <i>Frontiers in Pharmacology</i> , 2021, 12, 628198.	1.6	6
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1549	The Unity of Redox and Structural Remodeling of Brown Adipose Tissue in Hypothyroidism. <i>Antioxidants</i> , 2021, 10, 591.	2.2	2
1550	Plasma membrane integrity: implications for health and disease. <i>BMC Biology</i> , 2021, 19, 71.	1.7	95
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1552	Ameliorative effect of <i>Alpinia officinarum</i> Hance extract on nonylphenol-induced reproductive toxicity in male rats. <i>Andrologia</i> , 2021, 53, e14063.	1.0	5
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1556	Ferroptosis, radiotherapy, and combination therapeutic strategies. <i>Protein and Cell</i> , 2021, 12, 836-857.	4.8	167
1557	<i>Sargassum horneri</i> ethanol extract containing polyphenols attenuates PM-induced oxidative stress via ROS scavenging and transition metal chelation. <i>Journal of Functional Foods</i> , 2021, 79, 104401.	1.6	6
1558	Crosstalk between heat shock proteins, NRF2, NF- κ B and different endogenous antioxidants during lead-induced hepatotoxicity in <i>Puntius ticto</i> . <i>Aquatic Toxicology</i> , 2021, 233, 105771.	1.9	11

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1560	Glutathione and its dependent enzymesâ€™ modulatory responses to neonicotinoid insecticide sulfoxaflor induced oxidative damage in zebrafish in vivo. <i>Science Progress</i> , 2021, 104, 003685042110283.	1.0	12
1561	The Effect of Santolina chamaecyparissus and Tagetes patula Essential Oils on Biochemical Markers of Oxidative Stress in Aphids. <i>Insects</i> , 2021, 12, 360.	1.0	7
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1563	Ferroptosis: Biochemistry and Biology in Cancers. <i>Frontiers in Oncology</i> , 2021, 11, 579286.	1.3	39
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1566	Diet-induced prediabetes: effects of exercise treatment on risk factors for cardiovascular complications. <i>Nutrition and Metabolism</i> , 2021, 18, 45.	1.3	4
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1570	How curcumin affects hyperglycemia-induced optic nerve damage: A short review. <i>Journal of Chemical Neuroanatomy</i> , 2021, 113, 101932.	1.0	2
1571	Metabolomic Profiling of Aqueous Humor and Plasma in Primary Open Angle Glaucoma Patients Points Towards Novel Diagnostic and Therapeutic Strategy. <i>Frontiers in Pharmacology</i> , 2021, 12, 621146.	1.6	25
1572	Bioactive Compounds in Edible Oils and Their Role in Oxidative Stress and Inflammation. <i>Frontiers in Physiology</i> , 2021, 12, 659551.	1.3	37
1573	Post-resistance exercise photobiomodulation therapy has a more effective antioxidant effect than pre-application on muscle oxidative stress. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 585-595.	1.6	8
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1595	Characterization of a sigma class GST (GSTS6) required for cellular detoxification and embryogenesis in <i>Tribolium castaneum</i> . <i>Insect Science</i> , 2022, 29, 215-229.	1.5	19

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1716	The role of the electrokinetic charge of neurotrophin-based nanocarriers: protein distribution, toxicity, and oxidative stress in in vitro setting. <i>Journal of Nanobiotechnology</i> , 2021, 19, 258.	4.2	6
1717	Antioxidant Effect of Curcumin on the Prevention of Oxidative Damage to the Cochlea in an Ototoxic Rat Model Based on Malondialdehyde Expression. <i>International Archives of Otorhinolaryngology</i> , 2022, 26, e119-e124.	0.3	1
1718	Vitamin D status and systemic redox biomarkers in adults with obesity. <i>Clinical Nutrition ESPEN</i> , 2021, 45, 292-298.	0.5	7
1719	Stress and steroid interaction modulates expression of estrogen receptor alpha in the brain, pituitary, and testes of immature <i>Gallus gallus domesticus</i> . <i>Stress</i> , 2021, 24, 931-944.	0.8	6
1720	Biochemical, pathological and ultrastructural investigation of whether lamotrigine has neuroprotective efficacy against spinal cord ischemia reperfusion injury. <i>Injury</i> , 2021, 52, 2803-2812.	0.7	4
1721	Targeting Ferroptosis to Treat Cardiovascular Diseases: A New Continent to Be Explored. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 737971.	1.8	24
1722	Exogenous Antioxidants Impact on UV-Induced Changes in Membrane Phospholipids and the Effectiveness of the Endocannabinoid System in Human Skin Cells. <i>Antioxidants</i> , 2021, 10, 1260.	2.2	6

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1724	<i>Polygonum odoratum</i> leaf extract attenuates oxidative stress and cell death of Raw 264.7 cells exposed to low dose ionizing radiation. <i>Journal of Food Biochemistry</i> , 2022, 46, e13909.	1.2	3
1725	Dietary Fats High in Linoleic Acids Impair Antitumor T-cell Responses by Inducing E-FABP-Mediated Mitochondrial Dysfunction. <i>Cancer Research</i> , 2021, 81, 5296-5310.	0.4	19
1726	Identification of a critical lipid ratio in raft-like phases exposed to nitric oxide: An AFM study. <i>Biophysical Journal</i> , 2021, 120, 3103-3111.	0.2	1
1727	Melatonin decreases circulating <i>Trypanosoma cruzi</i> load with no effect on tissue parasite replication. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021, 99, 795-802.	0.7	2
1728	Relationship between diet and relative risk of pain in a cross-sectional analysis of the REGARDS longitudinal study. <i>Pain Management</i> , 2022, 12, 168-179.	0.7	8
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1731	Two methoxy derivatives of resveratrol, 3,3,4,5-tetramethoxy-trans-stilbene and 3,4,5-trimethoxy-trans-stilbene, suppress lipopolysaccharide-induced inflammation through inactivation of MAPK and NF- κ B pathways in RAW 264.7 cells. <i>Chinese Medicine</i> , 2021, 16, 69.	1.6	16
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1734	Imbalance of Systemic Redox Biomarkers in Children with Epilepsy: Role of Ferroptosis. <i>Antioxidants</i> , 2021, 10, 1267.	2.2	18
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1736	Antioxidant properties of anthocyanins and their mechanism of action in atherosclerosis. <i>Free Radical Biology and Medicine</i> , 2021, 172, 152-166.	1.3	77
1737	Compromised Renal and Hepatic Functions and Unsteady Cellular Redox State during Preeclampsia and Gestational Diabetes Mellitus. <i>Archives of Medical Research</i> , 2021, 52, 635-640.	1.5	7
1738	Reactive Species in Progeroid Syndromes and Aging-Related Processes. <i>Antioxidants and Redox Signaling</i> , 2022, 37, 208-228.	2.5	2
1739	Pharmacological Properties and Health Benefits of Eugenol: A Comprehensive Review. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	1.9	56
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1744	Model studies of the role of oxygen in the FLASH effect. <i>Medical Physics</i> , 2022, 49, 2068-2081.	1.6	37
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1748	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
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1755	Skin Aging: Implications of UV Radiation, Reactive Oxygen Species and Natural Antioxidants. <i>Biochemistry</i> , 0, , .	0.8	6
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1757	Lipid Oxidation Products on Inflammation-Mediated Hypertension and Atherosclerosis: A Mini Review. <i>Frontiers in Nutrition</i> , 2021, 8, 717740.	1.6	25
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1763	Increased plasma levels of nitric oxide and malondialdehyde in dogs infected by <i>Ehrlichia canis</i> : Effect of doxycycline treatment. <i>Revue Veterinaire Clinique</i> , 2021, , .	0.1	1
1764	Effect of progressive drought stress on physio-biochemical responses and gene expression patterns in wheat. <i>3 Biotech</i> , 2021, 11, 440.	1.1	4
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1770	Inhibitory effects of high molecular weight chitosan coating on “Hom Thong” banana fruit softening. <i>Food Packaging and Shelf Life</i> , 2021, 29, 100731.	3.3	25
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1774	Salivary Redox Biomarkers in Insulin Resistance: Preclinical Studies in an Animal Model. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-18.	1.9	6
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1779	Protective Effects of Inhibition of Mitochondrial Fission on Organ Function After Sepsis. <i>Frontiers in Pharmacology</i> , 2021, 12, 712489.	1.6	13
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1784	Treatment with edaravone improves the structure and functional changes in the hippocampus after chronic cerebral hypoperfusion in rat. <i>Brain Research Bulletin</i> , 2021, 174, 122-130.	1.4	12
1785	Nonenzymatic Reactions in Metabolism: Their Role in Evolution and Adaptation. <i>Applied Biochemistry and Microbiology</i> , 2021, 57, 543-555.	0.3	3
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1787	Programmed cell death in aortic aneurysm and dissection: A potential therapeutic target. <i>Journal of Molecular and Cellular Cardiology</i> , 2022, 163, 67-80.	0.9	35
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1791	Influence of Rosmarinic Acid on Biochemical and Structural Properties of Silver Carp Myofibrillar Protein under MetHemoglobin Catalyzed Docosahexaenoic Acid Oxidative Stress. <i>Journal of Aquatic Food Product Technology</i> , 2021, 30, 1048-1061.	0.6	1
1792	Chronic exposure to tramadol induces cardiac inflammation and endothelial dysfunction in mice. <i>Scientific Reports</i> , 2021, 11, 18772.	1.6	10
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1796	Analytical approaches to assess metabolic changes in psoriasis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 205, 114359.	1.4	8
1797	Iron-Facilitated Organic Radical Formation from Secondary Organic Aerosols in Surrogate Lung Fluid. <i>Environmental Science & Technology</i> , 2022, 56, 7234-7243.	4.6	20
1798	Oxidative stress in tissues of gilthead seabream (<i>Sparus aurata</i>) and European seabass (<i>Dicentrarchus</i>) Tj ETQq1 1 0.784314 rgBT /Over 2021, 8, 100070.	1.1	5
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1803	Emerging role of ferroptosis in breast cancer: New dawn for overcoming tumor progression. , 2022, 232, 107992.		46
1804	Comparative toxic effects of microplastics and nanoplastics on <i>Chlamydomonas reinhardtii</i> : Growth inhibition, oxidative stress, and cell morphology. <i>Journal of Water Process Engineering</i> , 2021, 43, 102291.	2.6	49
1805	Time- and dose-dependent allelopathic effects and mechanisms of kaempferol on toxigenic <i>Microcystis</i> growth. <i>Ecotoxicology and Environmental Safety</i> , 2021, 222, 112508.	2.9	12
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1807	Antioxidant responses related to temozolomide resistance in glioblastoma. <i>Neurochemistry International</i> , 2021, 149, 105136.	1.9	17
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1810	Does timing of phytonutrient intake influence the suppression of postprandial oxidative stress? A systematic literature review. <i>Redox Biology</i> , 2021, 46, 102123.	3.9	7
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1812	Cellular level response of the bivalve <i>Limecola balthica</i> to seawater acidification due to potential CO ₂ leakage from a sub-seabed storage site in the southern Baltic Sea: TiTank experiment at representative hydrostatic pressure. <i>Science of the Total Environment</i> , 2021, 794, 148593.	3.9	4

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1826	Multiomics approach for mycotoxins toxicology. , 2021, , 69-95.		1
1827	Biochemical and Behavioral Consequences of Ethanol Intake in a Mouse Model of Metabolic Syndrome. <i>International Journal of Molecular Sciences</i> , 2021, 22, 807.	1.8	2
1828	Accumulation of Hydrogen Peroxide in Barley Seeds – A Key Factor for Malt Quality?. <i>Journal of the American Society of Brewing Chemists</i> , 0, , 1-15.	0.8	1
1829	Ferroptosis, free radicals, and cancer. , 2021, , 149-158.		3
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1832	(âˆ™)-Epicatechin gallate blocks the development of atherosclerosis by regulating oxidative stress <i>in vivo</i> and <i>in vitro</i> . <i>Food and Function</i> , 2021, 12, 8715-8727.	2.1	15
1833	Ameliorative role of <i>Ulva</i> extract against heavy metal mixture-induced cardiovascular through oxidative/antioxidant pathways and inflammatory biomarkers. <i>Environmental Science and Pollution Research</i> , 2021, 28, 27006-27024.	2.7	7
1834	The Heterogeneity of Lipid Metabolism in Cancer. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1311, 39-56.	0.8	27
1835	Liquid Storage of Ram Semen: Associated Damages and Improvement. <i>Open Journal of Animal Sciences</i> , 2021, 11, 473-500.	0.2	12
1836	Combination drug delivery using cold atmospheric plasma technology. , 2021, , 393-423.		0
1837	Combination of Hydroxychloroquine and Indapamide Attenuates Neurodegeneration in Models Relevant to Multiple Sclerosis. <i>Neurotherapeutics</i> , 2021, 18, 387-400.	2.1	12
1838	Redox Role of ROS and Inflammation in Pulmonary Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1304, 187-204.	0.8	42
1839	Relationships among smoking, oxidative stress, inflammation, macromolecular damage, and cancer. <i>Mutation Research - Reviews in Mutation Research</i> , 2021, 787, 108365.	2.4	181
1840	Amino Acid- and Growth Factor-Based Multifunctional Nanocapsules for the Modulation of the Local Microenvironment in Tissue Engineering. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 2165-2178.	4.0	29
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1843	Lipidomics of aging. , 2021, , 391-404.		2
1844	Effects of Dietary Cottonseed Oil and Cottonseed Meal Supplementation on Liver Lipid Content, Fatty Acid Profile and Hepatic Function in Laying Hens. <i>Animals</i> , 2021, 11, 78.	1.0	7
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1846	Plasma Treatment of Liquids. , 2021, , 610-634.		2
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1848	Ferroptosis in Nervous System Diseases. , 2019, , 173-195.		1

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1850	Biochemical and Molecular Mechanisms of Abiotic Stress Tolerance. , 2020, , 187-230.		2
1851	Oxidative Stress Mechanisms in the Pathogenesis of Environmental Lung Diseases. , 2020, , 103-137.		21
1852	Dietary phytochemicals as the potential protectors against carcinogenesis and their role in cancer chemoprevention. <i>Clinical and Experimental Medicine</i> , 2020, 20, 173-190.	1.9	27
1853	Orally administered gadolinium orthovanadate GdVO ₄ :Eu ³⁺ nanoparticles do not affect the hydrophobic region of cell membranes of leukocytes. <i>Wiener Medizinische Wochenschrift</i> , 2020, 170, 189-195.	0.5	7
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1866	Blood Oxidative Stress Marker Aberrations in Patients with Huntington's Disease: A Meta-Analysis Study. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-10.	1.9	9
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1888	Phytotherapy and phytopharmacology for reduction of cyclophosphamide-induced toxicity in the male urinary system. <i>Journal of Renal Injury Prevention</i> , 2017, 6, 164-170.	0.6	5
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1902	Lipid Peroxidation Induces Reactive Astrogliosis by Activating WNT/ β -Catenin Pathway in Hydrocephalus. <i>The Malaysian Journal of Medical Sciences</i> , 2020, 27, 34-42.	0.3	5
1903	Mitochondria-targeted Antioxidants as a Prospective Therapeutic Strategy for Multiple Sclerosis. <i>Current Medicinal Chemistry</i> , 2017, 24, 2086-2114.	1.2	37
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1908	Effects of Cadmium Exposure on Lipid Peroxidation and Chlorinative Stress of Rat Kidney. <i>Journal of Experimental Life Science</i> , 2015, 5, 1-5.	0.1	4
1909	Protective effects of 2-methoxycinnamaldehyde an active ingredients of on warm hepatic ischemia reperfusion injury in rat model. <i>Iranian Journal of Basic Medical Sciences</i> , 2019, 22, 1400-1407.	1.0	4
1910	Micronutrients in Support to The Carbon Cycle Activate Antioxidant Defences and Reduce Sperm DNA Damage in Infertile Men Attending Assisted Reproductive Technology Programs: Clinical Trial Study. <i>International Journal of Fertility & Sterility</i> , 2020, 14, 57-62.	0.2	5
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1913	Change in photosynthetic pigments of Date palm offshoots under abiotic stress factors. <i>Folia Oecologica</i> , 2020, 47, 45-51.	0.4	12
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1916	Mechanisms of drought response in Populus. <i>Southern Forests</i> , 2020, 82, 359-366.	0.2	7
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1920	Role of tissue microenvironment resident adipocytes in colon cancer. <i>World Journal of Gastroenterology</i> , 2017, 23, 5829.	1.4	35
1921	Hesperidin ameliorates liver ischemia/reperfusion injury via activation of the Akt pathway. <i>Molecular Medicine Reports</i> , 2020, 22, 4519-4530.	1.1	19
1922	S100a8 silencing attenuates inflammation, oxidative stress and apoptosis in BV2 cells induced by oxygen-glucose deprivation and reoxygenation by upregulating GAB1 expression. <i>Molecular Medicine Reports</i> , 2020, 23, .	1.1	7
1923	Galangin (3,5,7-Trihydroxyflavone) Shields Human Keratinocytes from Ultraviolet B-Induced Oxidative Stress. <i>Biomolecules and Therapeutics</i> , 2015, 23, 165-173.	1.1	22

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1925	Caffeic acid phenethyl ester (CAPE) prevents development of STZ-ICV induced dementia in rats. <i>Pharmacognosy Magazine</i> , 2017, 13, 10.	0.3	31
1926	Oxidative stress: the lowest common denominator of multiple diseases. <i>Neural Regeneration Research</i> , 2019, 14, 238.	1.6	47
1927	Implication of asana, pranayama and meditation on telomere stability. <i>International Journal of Yoga</i> , 2018, 11, 186.	0.4	13
1928	Supplementation with psyllium seed husk reduces myocardial damage in a rat model of ischemia/reperfusion. <i>Nutrition Research and Practice</i> , 2019, 13, 205.	0.7	6
1929	Free Radical Scavenging Activity of Aqueous (Hot) Extract of <i>Eugenia uniflora</i> (L.) Leaves. <i>Journal of Plant Biochemistry & Physiology</i> , 2019, 07, .	0.5	1
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1931	Analyzing Nootropic Effect of <i>Phyllanthus reticulatus</i> Poir. on Cognitive Functions, Brain Antioxidant Enzymes and Acetylcholinesterase Activity against Aluminium-Induced Alzheimer's Model in Rats: Applicable for Controlling the Risk Factors of Alzheimer's Disease. <i>Advances in Alzheimer's Disease</i> . 2016. 05. 87-102.	0.3	19
1932	Hepatoprotective Activity of Yigan Mingmu Oral Liquid against Isoniazid/Rifampicin-Induced Liver Injuries in Rats. <i>Chinese Medicine</i> , 2018, 09, 165-178.	1.0	1
1933	Oxidative stress in cervical cancer and its response to chemoradiation. <i>Türk Jinekoloji Ve Obstetrik Dernei Dergisi</i> , 2019, 16, 124-128.	0.3	7
1934	Effect of ethanol extract of <i>Aframomum angustifolium</i> seeds on potassium bromate induced liver and kidney damage in Wistar rats. <i>Global Journal of Pure and Applied Sciences</i> , 2020, 26, 1-8.	0.1	3
1935	Effect of breed and aging time on physicochemical and organoleptic quality of beef and its oxidative stability. <i>Archives Animal Breeding</i> , 2017, 60, 191-198.	0.5	6
1936	Reactive Oxygen Species and Oxidative Stress in Obesity. <i>Journal of Marmara University Institute of Health Sciences</i> , 2015, , 1.	0.1	6
1937	Edema Induced by sPLA2 from <i>Crotalus durissus terrificus</i> Involves PLC and PKC Signaling, Activation of cPLA2, and Oxidative Stress. , 0, , .		2
1938	Crucial Roles of Systemic and Tissue Lipid Peroxidation Levels and Anti-Oxidant Defences Following Contrast Agent Application. <i>Iranian Red Crescent Medical Journal</i> , 2016, 18, e37331.	0.5	4
1939	The Effects of Heated Oils Used in Fast Food Restaurants on Metabolic, Inflammatory and Oxidative Stress Markers, Blood Pressure, and Liver Histology in Sprague-Dawley Rats. <i>Iranian Red Crescent Medical Journal</i> , 2018, 20, .	0.5	2
1940	Effects of Green Coffee Extract Supplementation on Oxidative Stress, Systemic and Vascular Inflammation in Patients with Metabolic Syndrome: A Randomized Clinical Trial. <i>Iranian Red Crescent Medical Journal</i> , 2018, 20, .	0.5	8
1941	Erythrocyte Alterations and Increased Cardiovascular Risk in Chronic Renal Failure. <i>Nephro-Urology Monthly</i> , 2017, In Press, .	0.0	3

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1944	Membrane fluidity is regulated by the <i>C.Âlegans</i> transmembrane protein FLD-1 and its human homologs TLC1/2. <i>ELife</i> , 2018, 7, .	2.8	38
1945	<i>In vivo</i> antioxidant activity of mackerel (<i>Scomber japonicus</i>) muscle protein hydrolysate. <i>PeerJ</i> , 2018, 6, e6181.	0.9	8
1946	Change in Oxidative Stress of Normotensive Elderly Subjects Following Lifestyle Modifications. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2016, 10, CC09-CC13.	0.8	5
1947	Ischemia Modified Albumin as a Marker of Oxidative Stress in Normal Pregnancy. <i>Journal of Clinical and Diagnostic Research JCDR</i> , 2016, 10, BC15-BC17.	0.8	17
1948	Toxic impacts of a mixture of three pesticides on the reproduction and oxidative stress in male rats. <i>Journal of Animal Behaviour and Biometeorology</i> , 2021, 10, 1-9.	0.4	3
1949	Parecoxib mitigates lung ischemia-reperfusion injury in rats by reducing oxidative stress and inflammation and up-regulating HO-1 expression. <i>Acta Cirurgica Brasileira</i> , 2021, 36, e360901.	0.3	4
1950	Inflammatory, oxidative and DNA damage status in vegetarians: is the future of human diet green?. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 3189-3221.	5.4	7
1951	Bisphenol S leads to cytotoxicity-induced antioxidant responses and oxidative stress in isolated rainbow trout (<i>Oncorhynchus mykiss</i>) hepatocytes. <i>Molecular Biology Reports</i> , 2021, 48, 7657-7666.	1.0	10
1952	Batatasin-III Regulates the NO Production and Mitochondrial Membrane Potential in Cerebral Vascular Endothelial Injury: <i>in-vivo</i> and <i>in-vitro</i> Study. <i>Journal of Food and Nutrition Research (Newark, Del)</i> , 2021, 9, 499-507.	0.1	1
1953	Parameters of Oxidative Stress, Vitamin D, Osteopontin, and Melatonin in Patients with Lip, Oral Cavity, and Pharyngeal Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-13.	1.9	6
1955	DHA-rich fish oil and Tualang honey reduce chronic stress-induced oxidative damage in the brain of rat model. <i>Journal of Traditional and Complementary Medicine</i> , 2022, 12, 361-366.	1.5	5
1956	Use of malondialdehyde (MDA) as a screening tool for vestibulopathy in Type2 diabetes mellitus. <i>Biomedicine (India)</i> , 2021, 41, 576-579.	0.1	1
1957	Diagnostic Range Ionizing Radiation and Reactive Oxygen Species Production: an Initial Experience. <i>International Journal of Pharma and Bio Sciences</i> , 2021, 11, .	0.1	0
1958	Potential Use of Copper-Contaminated Soils for Hemp (<i>Cannabis sativa</i> L.) Cultivation. <i>Environments - MDPI</i> , 2021, 8, 111.	1.5	11
1959	Increased Lipid Peroxidation May Be Linked to Ferritin Levels Elevation in Adult-Onset Stillâ€™s Disease. <i>Biomedicines</i> , 2021, 9, 1508.	1.4	4
1960	Emerging Pathological Engagement of Ferroptosis in Gut Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-16.	1.9	38

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1962	Oxidative Stress and Cellular Dysfunction in Neurodegenerative. Neuromethods, 2022, , 121-154.	0.2	0
1963	Free radical biology in neurological manifestations: mechanisms to therapeutics interventions. Environmental Science and Pollution Research, 2022, 29, 62160-62207.	2.7	18
1964	Erinacine A-Enriched Hericium erinaceus Mycelium Delays Progression of Age-Related Cognitive Decline in Senescence Accelerated Mouse Prone 8 (SAMP8) Mice. Nutrients, 2021, 13, 3659.	1.7	12
1965	Nobiletin-loaded composite penetration enhancer vesicles restore the normal miRNA expression and the chief defence antioxidant levels in skin cancer. Scientific Reports, 2021, 11, 20197.	1.6	12
1966	In vitro genotoxicity of dibutyl phthalate on A549 lung cells at air-liquid interface in exposure concentrations relevant at workplaces. Environmental and Molecular Mutagenesis, 2021, 62, 490-501.	0.9	9
1967	Intergenerational Costs of Oxidative Stress: Reduced Fitness in Daughters of Mothers That Experienced High Levels of Oxidative Damage during Reproduction. Physiological and Biochemical Zoology, 2022, 95, 1-14.	0.6	2
1968	Plasma activity of the antioxidant enzymes in predicting diabetic nephropathy progression. International Urology and Nephrology, 2022, 54, 1365-1372.	0.6	3
1969	Chemical Composition, in-vitro Antioxidant, Antibacterial, and Anti-algal Activity of Lakshadweep Feather Star Spp. Comaster Schlegelii and Himerometra Robustipinna. Thalassas, 0, , 1.	0.1	1
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1971	Vitamin E Supplementation Enhances Lipid Oxidative Stability via Increasing Vitamin E Retention, Rather Than Gene Expression of MAPK-Nrf2 Signaling Pathway in Muscles of Broilers. Foods, 2021, 10, 2555.	1.9	2
1972	The Possible Protective Role of Dark Chocolate Against Acrylamide Neurotoxicity in Weaning Rats Cerebellum. Molecular Neurobiology, 2021, , 1.	1.9	0
1973	Halophilic Carotenoids and Breast Cancer: From Salt Marshes to Biomedicine. Marine Drugs, 2021, 19, 594.	2.2	10
1974	Increased plasma disequilibrium between pro- and anti-oxidants during the early phase resuscitation after cardiac arrest is associated with increased levels of oxidative stress end-products. Molecular Medicine, 2021, 27, 135.	1.9	6
1975	UAMC-3203 and Deferoxamine Improve Post-Resuscitation Myocardial Dysfunction Through Suppressing Ferroptosis in a Rat Model of Cardiac Arrest. Shock, 2022, 57, 344-350.	1.0	10
1976	Polyphenolic Extracts from Spent Coffee Grounds Prevent H2O2-Induced Oxidative Stress in Centropomus viridis Brain Cells. Molecules, 2021, 26, 6195.	1.7	1
1977	Hydroxyproline alleviates 4-hydroxy-2-nonenal-induced DNA damage and apoptosis in porcine intestinal epithelial cells. Animal Nutrition, 2022, 9, 7-15.	2.1	4
1978	Analytical Methods for Lipid Oxidation and Antioxidant Capacity in Food Systems. Antioxidants, 2021, 10, 1587.	2.2	90

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1980	Ferroptosis is Involved in Hyperoxic Lung Injury in Neonatal Rats. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 5393-5401.	1.6	14
1981	Protective effects of bisoprolol against cadmium-induced myocardial toxicity through inhibition of oxidative stress and NF- κ B signalling in rats. <i>Journal of Veterinary Research (Poland)</i> , 2021, 65, 505-511.	0.3	2
1982	Multistability maintains redox homeostasis in human cells. <i>Molecular Systems Biology</i> , 2021, 17, e10480.	3.2	8
1983	How Birds During Migration Maintain (Oxidative) Balance. <i>Frontiers in Ecology and Evolution</i> , 2021, 9, .	1.1	13
1984	Bavachin Induces Ferroptosis through the STAT3/P53/SLC7A11 Axis in Osteosarcoma Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	1.9	67
1985	Swertia purpurascens Wall ethanolic extract mitigates hepatic fibrosis and restores hepatic hepcidin levels via inhibition of TGF β 2/SMAD/NF κ B signaling in rats. <i>Journal of Ethnopharmacology</i> , 2022, 284, 114741.	2.0	4
1986	Evaluation of the Morpho-Physiological, Biochemical and Molecular Responses of Contrasting <i>Medicago truncatula</i> Lines under Water Deficit Stress. <i>Plants</i> , 2021, 10, 2114.	1.6	7
1987	Peptide T8 isolated from yak milk residue ameliorates H2O2-induced oxidative stress through Nrf2 signaling pathway in HUVEC cells. <i>Food Bioscience</i> , 2021, 44, 101408.	2.0	10
1988	Impact of frozen storage on oxidation changes of some components in goose meat. <i>Poultry Science</i> , 2022, 101, 101517.	1.5	11
1989	Inorganic elements in occupational settings: A review on the effects on telomere length and biology. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2021, 872, 503418.	0.9	3
1990	Graphene quantum dot antioxidant and proautophagic actions protect SH-SY5Y neuroblastoma cells from oxidative stress-mediated apoptotic death. <i>Free Radical Biology and Medicine</i> , 2021, 177, 167-180.	1.3	8
1991	Exploring unexplored biomarkers of oxidative distress and their use. <i>Advances in Redox Research</i> , 2021, 3, 100020.	0.9	4
1992	Malondialdehyde as a Biomarker in Kidney Transplantation. , 2015, , 1-25.		0
1993	Advances and Prospects of Nicardipine Effects in Attenuation of Hydroxy-Daunorubicin Induced Acute Cardiotoxicity in rats.. <i>Advances in Biomedicine and Pharmacy</i> , 2015, 02, .	0.1	2
1994	Social Isolation Increases Risk of Morphine Addiction in Male Rats. <i>International Neuropsychiatric Disease Journal</i> , 2016, 7, 1-10.	0.1	0
1995	The Correlation Between Malondialdehyde Serum Levels and the Duration of Sun Exposure; and Melasma Area and Severity Index in Patients with Melasma in Makassar. <i>American Journal of Clinical and Experimental Medicine</i> , 2016, 4, 68.	0.1	2
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1998	Oxidative Processes in Rats on Various Stages of Collagen-Induced Arthritis. Experimental and Clinical Physiology and Biochemistry, 2016, 2016, 21-27.	0.2	0
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2013	ANATOMICAL AND FUNCTIONAL FEATURES OF DESCHAMPسيا ANTARCTICA (POACEAE) LEAF BLADE GROWING ON THE ARGENTINE ISLANDS. Ukrainian Antarctic Journal, 2018, , 143-149.	0.1	0
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2021	Contribution of Aldose Reductase-Mediated Oxidative Stress Signaling in Inflammatory Lung Diseases. , 2019, , 225-246.		1
2022	Oxidative Stress-Driven Cardiotoxicity of Cancer Drugs. , 2019, , 39-57.		0
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2026	Investigation of oxidative potential of mahasudarshan churna using goat liver as in-vitro experimental model. <i>Journal of Applied Pharmaceutical Research</i> , 2019, 7, 7-15.	0.1	0
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2032	Blending and characterization of gold nanoparticles with omega-3 oils induces antidiabetic, and antioxidant activities in-vivo. <i>Egyptian Journal of Chemistry</i> , 2019, , .	0.1	0
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2106	ROS Pleiotropy in Melanoma and Local Therapy with Physical Modalities. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-21.	1.9	5
2107	PENGARUH PEMBERIAN EKSTRAK KULIT PISANG KEPOK (<i>Musa acuminata</i>) TERHADAP PENURUNAN KADAR MALONDIALDEHID (MDA) PARU MENCIT JANTAN (<i>Mus musculus</i>) YANG DIPAPAR ASAP ROKOK. <i>Journal of Basic Medical Veterinary</i> , 2020, 8, 123.	0.1	0
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2176	Turmeric extract alleviates endocrine-metabolic disturbances in letrozole-induced PCOS by increasing adiponectin circulation: A comparison with Metformin. <i>Metabolism Open</i> , 2022, 13, 100160.	1.4	13
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2202	Physiological and Qualitative Response of <i>Cucurbita pepo</i> L. to Salicylic Acid under Controlled Water Stress Conditions. <i>Horticulturae</i> , 2022, 8, 79.	1.2	36

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2470	A systematic study on mycochemical profiles, antioxidant, and anti-inflammatory activities of 30 varieties of <i>Jew</i> ™s ear (<i>Auricularia auricula-judae</i>). <i>Food Science and Human Wellness</i> , 2022, 11, 781-794.	2.2	10
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2472	Clinical implications of lipid peroxides levels in plasma and tumor tissue in breast cancer patients. <i>Prostaglandins and Other Lipid Mediators</i> , 2022, 161, 106639.	1.0	4
2474	Elucidating the cause of variation in low-temperature sausage protein oxidation along storage period via lipid oxidation and lipolysis. <i>Journal of Food Processing and Preservation</i> , 0, , .	0.9	0
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2481	Neuroprotective Effects of Theobromine in permanent bilateral common carotid artery occlusion rat model of cerebral hypoperfusion. <i>Metabolic Brain Disease</i> , 2022, 37, 1787-1801.	1.4	5
2482	Antioxidant Activity and Capacity Measurement. <i>Reference Series in Phytochemistry</i> , 2022, , 709-773.	0.2	7
2483	Peroxisomal Modulation as Therapeutic Alternative for Tackling Multiple Cancers. <i>Physiology</i> , 0, , .	4.0	0
2484	Plant- and Animal-Based Antioxidants™ Structure, Efficacy, Mechanisms, and Applications: A Review. <i>Antioxidants</i> , 2022, 11, 1025.	2.2	46
2485	Identification and Expression Analysis of Calcium-Dependent Protein Kinases Gene Family in Potato Under Drought Stress. <i>Frontiers in Genetics</i> , 2022, 13, .	1.1	8
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2512	<i>Annona muricata</i> mitigates glycerol-induced nephrotoxicities in male albino rats through signaling pathways of angiotensin conversion enzyme, kidney injury molecule-1, and antioxidant properties. <i>Scientific African</i> , 2022, 16, e01225.	0.7	0
2513	Nrf2 Activation and NF-Kb & caspase/bax signaling inhibition by sodium butyrate alleviates LPS-induced cell injury in bovine mammary epithelial cells. <i>Molecular Immunology</i> , 2022, 148, 54-67.	1.0	14
2514	Cuminaldehyde-induced oxidative stress inhibits growth of <i>Penicillium digitatum</i> in citrus. <i>Postharvest Biology and Technology</i> , 2022, 192, 111991.	2.9	7
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2519	Preventing Ischemic-Reperfusion Injury after Tourniquet Application in Fracture using Aloe vera Ethanolic Extract. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2022, 10, 978-982.	0.1	0
2520	Aldehyde dehydrogenase 3A1 deficiency leads to mitochondrial dysfunction and impacts salivary gland stem cell phenotype. , 2022, 1, .		0
2521	Comparative Efficacy of Fish Meal Replacement With Enzymatically Treated Soybean Meal on Growth Performance, Immunity, Oxidative Capacity and Fecal Microbiota in Weaned Pigs. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	1
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2526	Neuroprotective effect of chia seed oil nanoemulsion against rotenone induced motor impairment and oxidative stress in mice model of Parkinson's disease. <i>Advances in Traditional Medicine</i> , 0, , .	1.0	2
2527	Pharmacological and biological effects of alpha-bisabolol: An updated review of the molecular mechanisms. <i>Life Sciences</i> , 2022, 304, 120728.	2.0	21

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2529	Orally administered zingerone does not mitigate alcohol-induced hepatic oxidative stress in growing Sprague Dawley rat pups. <i>Drug and Chemical Toxicology</i> , 2023, 46, 736-745.	1.2	1
2530	Characterization of biochar derived from bamboo and its application to modulate the toxic effects of chromium on wheat plant. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 7643-7658.	2.9	5
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2533	Biomarkers of Oxidative Stress Tethered to Cardiovascular Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-15.	1.9	29
2534	Toxic Effects of Bisphenol F on Rat Pancreas. <i>YÃ¼zÃ¼ncÃ¼ YÃ¼l Ã¼niversitesi Fen Bilimleri EnstitÃ¼sÃ¼ Dergisi</i> , 0, , .	0.0	0
2535	Extracellular Vesicles and Cancer Therapy: Insights into the Role of Oxidative Stress. <i>Antioxidants</i> , 2022, 11, 1194.	2.2	10
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2537	White tea modulates antioxidant defense of endurance-trained rats. <i>Current Research in Physiology</i> , 2022, 5, 256-264.	0.8	2
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2539	Effects of <i>Elephantopus scaber</i> extract on growth, proximate composition, immunity, intestinal microbiota and resistance of the GIFT strain of Nile tilapia <i>Oreochromis niloticus</i> to <i>Streptococcus agalactiae</i> . <i>Fish and Shellfish Immunology</i> , 2022, 127, 280-294.	1.6	7
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2547	Biomarkers of Oxidative Stress in Neonatal Hypoxic-Ischemic Encephalopathy. <i>Biomarkers in Disease</i> , 2022, , 1-24.	0.0	0
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2551	Assessment of lipid peroxidation in irradiated cells. <i>Methods in Cell Biology</i> , 2022, , 37-50.	0.5	6
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2561	Renoprotective and Cardioprotective Potential of <i>Moricandia sinaica</i> (Boiss.) against Carbon Tetrachloride-Induced Toxicity in Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-12.	0.5	3
2562	Untargeted Metabolomics Studies of H9c2 Cardiac Cells Submitted to Oxidative Stress, β^2 -Adrenergic Stimulation and Doxorubicin Treatment: Investigation of Cardiac Biomarkers. <i>Frontiers in Molecular Biosciences</i> , 0, 9, .	1.6	2
2563	Fat Oxidation of Fatty Fish vs. Meat Meal Diets Under in vitro Standardized Semi-Dynamic Gastric Digestion. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	7

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2565	Co-over expression of Ascorbate Glutathione pathway enzymes improve mercury tolerance in tomato. <i>Plant Physiology and Biochemistry</i> , 2022, 186, 170-181.	2.8	10
2566	Transcriptome Analysis of Glutathione Response: RNA-Seq Provides Insights into Balance between Antioxidant Response and Glucosinolate Metabolism. <i>Antioxidants</i> , 2022, 11, 1322.	2.2	5
2568	Effects of exposure to glyphosate on oxidative stress, inflammation, and lung function in maize farmers, Northern Thailand. <i>BMC Public Health</i> , 2022, 22, .	1.2	8
2569	Ameliorative effects of <i>Guilandina bonduc</i> L. aqueous seed extract on letrozole induced polycystic ovary syndrome in female wistar albino rats. <i>Advances in Traditional Medicine</i> , 2022, 22, 885-903.	1.0	1
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2571	Nutrition, Bioactive Components, and Hepatoprotective Activity of Fruit Vinegar Produced from Ningxia Wolfberry. <i>Molecules</i> , 2022, 27, 4422.	1.7	3
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2573	Bioactive Compounds and Their Impact on Protein Modification in Human Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7424.	1.8	3
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2580	Therapeutic Insights on Ferroptosis in Parkinson's disease. <i>European Journal of Pharmacology</i> , 2022, 930, 175133.	1.7	28
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2603	Protective role of <i>Spirulina platensis</i> against glyphosate induced toxicity in marine mussel <i>Mytilus galloprovincialis</i> . <i>Journal of Environmental Science and Health, Part C: Toxicology and Carcinogenesis</i> , 2021, 39, 373-387.	0.4	1
2604	Oxidative damage associated with salt stress during germination and initial development of purple corn seedlings. <i>Acta Scientiarum - Agronomy</i> , 0, 44, e55760.	0.6	0
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2607	Ultraviolet Light Protection: Is It Really Enough?. <i>Antioxidants</i> , 2022, 11, 1484.	2.2	19
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