

Nitric oxide synthases: regulation and function

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Connective Tissue Disorders. , 0, , 537-546.		0
2	Oxidative Stress in Malaria. International Journal of Molecular Sciences, 2012, 13, 16346-16372.	1.8	238
3	Emergency Management of Hypertension in Children. International Journal of Nephrology, 2012, 2012, 1-15.	0.7	28
4	Enhanced Vascular Neuronal Nitric-Oxide Synthase-Derived Nitric-Oxide Production Underlies the Pressor Response Caused by Peripheral N-Methyl-d-Aspartate Receptor Activation in Conscious Rats. Journal of Pharmacology and Experimental Therapeutics, 2012, 342, 461-471.	1.3	26
5	Endothelium Dependent Cardiovascular Effects of the Chromogranin A-Derived Peptides Vasostatin-1 and Catestatin. Current Medicinal Chemistry, 2012, 19, 4059-4067.	1.2	21
6	Vascular Oxidative Stress Induced by Diesel Exhaust Microparticles. Journal of Cardiovascular Pharmacology, 2012, 60, 530-537.	0.8	12
7	p38 Mitogen-Activated Protein Kinase Is Required for Glucosamine-Induced Endothelial Nitric Oxide Synthase Uncoupling and Plasminogen-Activator Inhibitor Expression. Circulation Journal, 2012, 76, 2015-2022.	0.7	9
8	Role of oxidative stress in diabetes-mediated vascular dysfunction: Unifying hypothesis of diabetes revisited. Vascular Pharmacology, 2012, 57, 139-149.	1.0	107
9	Positive crosstalk between arginase and S6K1 in vascular endothelial inflammation and aging. Aging Cell, 2012, 11, 1005-1016.	3.0	103
10	mTOR signalling: the molecular interface connecting metabolic stress, aging and cardiovascular diseases. Obesity Reviews, 2012, 13, 58-68.	3.1	82
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20	Nitric oxide synthase inhibition and oxidative stress in cardiovascular diseases: Possible therapeutic targets?. , 2013, 140, 239-257.		341
21	Redox Regulation of Ras and Rho GTPases: Mechanism and Function. <i>Antioxidants and Redox Signaling</i> , 2013, 18, 250-258.	2.5	77
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52	Signaling Lipids. <i>Biomathematical and Biomechanical Modeling of the Circulatory and Ventilatory Systems</i> , 2013, , 7-107.	0.1	10
53	Preamble to Cytoplasmic Protein Kinases. <i>Biomathematical and Biomechanical Modeling of the Circulatory and Ventilatory Systems</i> , 2013, , 109-135.	0.1	0
54	Cytoplasmic Protein Tyrosine Kinases. <i>Biomathematical and Biomechanical Modeling of the Circulatory and Ventilatory Systems</i> , 2013, , 137-173.	0.1	9

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1234	Antioxidant activity of endogenously produced nitric oxide against the zinc oxide nanoparticle-induced oxidative stress in primary hepatocytes of air-breathing catfish, <i>Clarias magur</i> . <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 84, 7-15.	1.2	13
1235	Developmental onset of cardiovascular disease – “Could the proof be in the placenta?”. <i>Microcirculation</i> , 2019, 26, e12526.	1.0	14
1236	Loss of Estrogen-Related Receptor Alpha Facilitates Angiogenesis in Endothelial Cells. <i>Molecular and Cellular Biology</i> , 2019, 39, .	1.1	16
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1238	Endothelial cell apoptosis and the role of endothelial cell-derived extracellular vesicles in the progression of atherosclerosis. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1093-1106.	2.4	199
1239	Nitroergic neurotransmission in the paraventricular nucleus of the hypothalamus modulates autonomic, neuroendocrine and behavioral responses to acute restraint stress in rats. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 90, 16-27.	2.5	20
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1241	Recent advances in the development of neuroprotective agents and therapeutic targets in the treatment of cerebral ischemia. <i>European Journal of Medicinal Chemistry</i> , 2019, 162, 132-146.	2.6	49
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1244	The contribution of NOS3 variants to coronary artery disease: A combined genetic epidemiology and computational biochemistry perspective. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 494-499.	3.6	4
1245	Structural Insight into H ₂ NOX Gas Sensing and Cognate Signaling Protein Regulation. <i>ChemBioChem</i> , 2019, 20, 7-19.	1.3	19
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1255	Shear-stress mediated nitric oxide production within red blood cells: A dose-response. <i>Clinical Hemorheology and Microcirculation</i> , 2019, 71, 203-214.	0.9	16
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1269	Pharmacological activation of dimethylarginine dimethylaminohydrolase (DDAH) activity by inorganic nitrate and DDAH inhibition by NG-hydroxy-L-arginine, N ^G -dimethyl-L-citrulline and N ^G -dimethyl-L-hydroxy-L-citrulline: results and overview. <i>Amino Acids</i> , 2019, 51, 483-494.	1.2	6
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1275	Impaired Vascular Redox Signaling in the Vascular Complications of Obesity and Diabetes Mellitus. <i>Antioxidants and Redox Signaling</i> , 2019, 30, 333-353.	2.5	25
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1289	Therapeutic Strategies for Erectile Dysfunction With Emphasis on Recent Approaches in Nanomedicine. <i>IEEE Transactions on Nanobioscience</i> , 2020, 19, 11-24.	2.2	5
1290	ROS and Lipid Droplet accumulation induced by high glucose exposure in healthy colon and Colorectal Cancer Stem Cells. <i>Genes and Diseases</i> , 2020, 7, 620-635.	1.5	26
1291	Human health-related properties of chromones: an overview. <i>Natural Product Research</i> , 2020, 34, 137-152.	1.0	21
1292	Modulation of endothelium-derived nitric oxide production and activity by taurine and taurine-conjugated bile acids. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 94, 48-53.	1.2	38
1293	Methylene blue protects against pentylenetetrazole-induced seizures, oxidative stress, and neuronal injury. <i>Comparative Clinical Pathology</i> , 2020, 29, 341-354.	0.3	2
1294	Nitrate uptake and metabolism in human skeletal muscle cell cultures. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 94, 1-8.	1.2	26
1295	Modification of lactoferrin by peroxynitrite reduces its antibacterial activity and changes protein structure. <i>Proteins: Structure, Function and Bioinformatics</i> , 2020, 88, 166-174.	1.5	8
1296	Effect of L-Ascorbic Acid on Nickel-Induced Alteration of Cardiovascular Pathophysiology in Wistar Rats. <i>Biological Trace Element Research</i> , 2020, 195, 178-186.	1.9	5
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1301	Genetics of diabetic retinopathy. , 2020, , 203-218.		0
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1306	Bioinspired oxidation of oximes to nitric oxide with dioxygen by a nonheme iron(II) complex. <i>Journal of Biological Inorganic Chemistry</i> , 2020, 25, 3-11.	1.1	4
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1308	Small molecule inhibitors and stimulators of inducible nitric oxide synthase in cancer cells from natural origin (phytochemicals, marine compounds, antibiotics). <i>Biochemical Pharmacology</i> , 2020, 176, 113792.	2.0	13
1309	Maternal disease and gasotransmitters. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 96, 1-12.	1.2	13
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1312	Progesterone Protects Prefrontal Cortex in Rat Model of Permanent Bilateral Common Carotid Occlusion via Progesterone Receptors and Akt/Erk/eNOS. <i>Cellular and Molecular Neurobiology</i> , 2020, 40, 829-843.	1.7	7
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1320	Nitric oxide signaling inhibits microglia proliferation by activation of protein kinase-G. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 94, 125-134.	1.2	11
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1324	Amperometric measurements of cocaine cue and novel context-evoked glutamate and nitric oxide release in the nucleus accumbens core. <i>Journal of Neurochemistry</i> , 2020, 153, 599-616.	2.1	8
1325	Nitric Oxide in Post-cardiac Arrest Syndrome. <i>Journal of Cardiovascular Pharmacology</i> , 2020, 75, 508-515.	0.8	8
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1328	Nitric oxide and tumor metabolic reprogramming. <i>Biochemical Pharmacology</i> , 2020, 176, 113769.	2.0	31
1329	Mineralocorticoid Receptors in Metabolic Syndrome: From Physiology to Disease. <i>Trends in Endocrinology and Metabolism</i> , 2020, 31, 205-217.	3.1	64
1330	Protein Arginine Methyltransferases in Cardiovascular and Neuronal Function. <i>Molecular Neurobiology</i> , 2020, 57, 1716-1732.	1.9	26
1331	The reactive species interactome. , 2020, , 51-64.		4
1332	Role of Reactive Species in Destructions. , 2020, , 23-54.		1
1333	Globins and nitric oxide homeostasis in fish embryonic development. <i>Marine Genomics</i> , 2020, 49, 100721.	0.4	8
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1345	The Universal Soldier: Enzymatic and Non-Enzymatic Antioxidant Functions of Serum Albumin. <i>Antioxidants</i> , 2020, 9, 966.	2.2	46
1346	Circadian Rhythm in Adipose Tissue: Novel Antioxidant Target for Metabolic and Cardiovascular Diseases. <i>Antioxidants</i> , 2020, 9, 968.	2.2	20
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1351	Methylation-dependent antioxidant-redox imbalance regulates hypertensive kidney injury in aging. <i>Redox Biology</i> , 2020, 37, 101754.	3.9	14
1352	Endothelial Tip Cell Finds Its Way with Piezo1. <i>Neuron</i> , 2020, 108, 5-7.	3.8	3
1353	The Role of BRG1 in Antioxidant and Redox Signaling. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	1.9	13
1354	Astilbe Chinensis ethanol extract suppresses inflammation in macrophages via NF- κ B pathway. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 302.	1.2	6
1355	The role of nitric oxide and neuronal nitric oxide synthase in zebrafish (<i>Danio rerio</i>) shoaling.. <i>Aquaculture and Fisheries</i> , 2020, , .	1.2	6
1356	<i>Pterocarpus mildbraedii</i> (Harms) extract resolves propanil-induced hepatic injury via repression of inflammatory stress responses in Wistar rats. <i>Journal of Food Biochemistry</i> , 2020, 44, e13506.	1.2	5
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1361	Clofibrate improves myocardial ischemia-induced damage through regulation of renin-angiotensin system and favours a pro-vasodilator profile in left ventricle. <i>Journal of Pharmacological Sciences</i> , 2020, 144, 218-228.	1.1	5
1362	Dratanguticumides G and H, two new glucosides from <i>Dracocephalum tanguticum</i> Maxim relax vessels via NO pathway. <i>Phytochemistry Letters</i> , 2020, 40, 42-48.	0.6	2
1363	Desperate Times, Desperate Measures: The Case for RRx-001 in the Treatment of COVID-19. <i>Seminars in Oncology</i> , 2020, 47, 305-308.	0.8	10
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1365	Noscapine protects the H9c2 cardiomyocytes of rats against oxygen-glucose deprivation/reperfusion injury. <i>Molecular Biology Reports</i> , 2020, 47, 5711-5719.	1.0	5
1366	Upregulation of iNOS Protects Cyclic Mechanical Stretch-Induced Cell Death in Rat Aorta Smooth Muscle Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8660.	1.8	6
1367	Revealing active components, action targets and molecular mechanism of Gandi capsule for treating diabetic nephropathy based on network pharmacology strategy. <i>BMC Complementary Medicine and Therapies</i> , 2020, 20, 362.	1.2	7
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1369	The interplay between aryl hydrocarbon receptor, <i>H. pylori</i> , tryptophan, and arginine in the pathogenesis of gastric cancer. <i>International Reviews of Immunology</i> , 2022, 41, 299-312.	1.5	10
1370	Mouse models of atherosclerosis and their suitability for the study of myocardial infarction. <i>Basic Research in Cardiology</i> , 2020, 115, 73.	2.5	49
1371	The vital role for nitric oxide in intraocular pressure homeostasis. <i>Progress in Retinal and Eye Research</i> , 2021, 83, 100922.	7.3	48
1372	The Role of Oxidative Stress and Its Counteractive Utility in Colorectal Cancer (CRC). <i>Cancers</i> , 2020, 12, 3336.	1.7	96
1373	Effects of Glutathione and Histidine on NO Release from a Dimeric Dinitrosyl Iron Complex (DNIC). <i>Inorganic Chemistry</i> , 2020, 59, 16998-17008.	1.9	7
1374	Neuroprotective effects of natural compounds on neurotoxin-induced oxidative stress and cell apoptosis. <i>Nutritional Neuroscience</i> , 2022, 25, 1078-1099.	1.5	32
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1516	Arginase 2 Deficiency Promotes Neuroinflammation and Pain Behaviors Following Nerve Injury in Mice. <i>Journal of Clinical Medicine</i> , 2020, 9, 305.	1.0	9
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1549	Melatonin Ameliorates Cadmium-Induced Affective and Cognitive Impairments and Hippocampal Oxidative Stress in Rat. <i>Biological Trace Element Research</i> , 2021, 199, 1445-1455.	1.9	30
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1558	Cudraflavanone B Isolated from the Root Bark of <i>Cudrania tricuspidata</i> Alleviates Lipopolysaccharide-Induced Inflammatory Responses by Downregulating NF- κ B and ERK MAPK Signaling Pathways in RAW264.7 Macrophages and BV2 Microglia. <i>Inflammation</i> , 2021, 44, 104-115.	1.7	11
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1596	Shear Stress and RBC-NOS Serine1177 Phosphorylation in Humans: A Dose Response. <i>Life</i> , 2021, 11, 36.	1.1	2
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1760	Distinct Signaling Functions of Rap1 Isoforms in NO Release From Endothelium. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 687598.	1.8	1
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1764	Loganin Inhibits Lipopolysaccharide-Induced Inflammation and Oxidative Response through the Activation of the Nrf2/HO-1 Signaling Pathway in RAW264.7 Macrophages. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 875-883.	0.6	13
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1770	Comprehensive Mechanism, Novel Markers and Multidisciplinary Treatment of Severe Acute Pancreatitis-Associated Cardiac Injury – A Narrative Review. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 3145-3169.	1.6	17
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1778	Salivary gland proteins alterations in the diabetic milieu. <i>Journal of Molecular Histology</i> , 2021, 52, 893-904.	1.0	15
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1781	Protective effect of nanocurcumin against neurotoxicity induced by doxorubicin in rat's brain. <i>NeuroToxicology</i> , 2021, 85, 1-9.	1.4	10
1782	Boosting nitric oxide in stress and respiratory infection: Potential relevance for asthma and COVID-19. <i>Brain, Behavior, & Immunity - Health</i> , 2021, 14, 100255.	1.3	13
1783	Blood Pressure-Lowering Effect of Wine Lees Phenolic Compounds Is Mediated by Endothelial-Derived Factors: Role of Sirtuin 1. <i>Antioxidants</i> , 2021, 10, 1073.	2.2	11
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1785	The Effect of Cinnamaldehyde on iNOS Activity and NO-Induced Islet Insulin Secretion in High-Fat-Diet Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-8.	0.5	8
1786	Parasporin A13-2 of <i>Bacillus thuringiensis</i> Isolates from the Papaloapan Region (Mexico) Induce a Cytotoxic Effect by Late Apoptosis against Breast Cancer Cells. <i>Toxins</i> , 2021, 13, 476.	1.5	5
1787	Brain vulnerability and viability after ischaemia. <i>Nature Reviews Neuroscience</i> , 2021, 22, 553-572.	4.9	46
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1795	Potassium bromate-induced nephrotoxicity and potential curative role of metformin loaded on gold nanoparticles. <i>Science Progress</i> , 2021, 104, 003685042110337.	1.0	2
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1800	Genome-wide DNA methylation pattern in systemic sclerosis microvascular endothelial cells: Identification of epigenetically affected key genes and pathways. <i>Journal of Scleroderma and Related Disorders</i> , 2022, 7, 71-81.	1.0	4
1801	Endothelial Dysfunction Driven by Hypoxia—The Influence of Oxygen Deficiency on NO Bioavailability. <i>Biomolecules</i> , 2021, 11, 982.	1.8	46
1802	Mechanisms underlying the therapeutic potential of mesenchymal stem cells in atherosclerosis. <i>Regenerative Medicine</i> , 2021, 16, 669-682.	0.8	14
1803	An Overview of NO Signaling Pathways in Aging. <i>Molecules</i> , 2021, 26, 4533.	1.7	41
1804	Cysteine residues in the fourth zinc finger are important for activation of the nitric oxide-inducible transcription factor Fzf1 in the yeast <i>Saccharomyces cerevisiae</i> . <i>Genes To Cells</i> , 2021, 26, 823-829.	0.5	2
1805	Potential of <i>Ageratum conyzoides</i> in Inhibiting Nitric Oxide Synthase. <i>Pakistan Journal of Biological Sciences</i> , 2021, 24, 840-846.	0.2	1
1806	Redox Homeostasis and Prospects for Therapeutic Targeting in Neurodegenerative Disorders. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-14.	1.9	22
1807	Cold Atmospheric Plasma (CAP) Technology and Applications. <i>Synthesis Lectures on Mechanical Engineering</i> , 2021, 6, i-191.	0.1	3
1808	Peculiarities of disorders of nitrogen oxide system in the blood at adrenalin-induced myocardial injury in conditions of immobilization stress and their correction by L-arginine. <i>ScienceRise: Pharmaceutical Science</i> , 2021, , 24-28.	0.1	1
1809	The Role of Epidermal Growth Factor Receptor Family of Receptor Tyrosine Kinases in Mediating Diabetes-Induced Cardiovascular Complications. <i>Frontiers in Pharmacology</i> , 2021, 12, 701390.	1.6	19
1810	In vitro immunomodulatory activity of water-soluble glucans from fresh and dried Longan (<i>Dimocarpus longan</i> Lour.). <i>Carbohydrate Polymers</i> , 2021, 266, 118106.	5.1	14
1811	Inflammation and apoptosis, two key events induced by hyperglycemia mediated reactive nitrogen species in RGC-5 cells. <i>Life Sciences</i> , 2021, 279, 119693.	2.0	6
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1815	Identification of Potential Bioactive Ingredients and Mechanisms of the Guanxin Suhe Pill on Angina Pectoris by Integrating Network Pharmacology and Molecular Docking. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-13.	0.5	2
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1819	Protein S-nitrosylation and oxidation contribute to protein misfolding in neurodegeneration. <i>Free Radical Biology and Medicine</i> , 2021, 172, 562-577.	1.3	44
1820	The Potential Therapeutic Role of Celastrol in Patients With Heart Failure With Preserved Ejection Fraction. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 725602.	1.1	0
1821	An Overview of Investigational and Experimental Drug Treatment Strategies for Marfan Syndrome. <i>Journal of Experimental Pharmacology</i> , 2021, Volume 13, 755-779.	1.5	5
1822	Nitric Oxide Releasing Delivery Platforms: Design, Detection, Biomedical Applications, and Future Possibilities. <i>Molecular Pharmaceutics</i> , 2021, 18, 3181-3205.	2.3	37
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1825	Mechanism of acitretin-induced relaxations in isolated rat thoracic aorta preparations. <i>Canadian Journal of Physiology and Pharmacology</i> , 2022, 100, 35-42.	0.7	1
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1828	Changes in Oxidative and Nitrosative Stress Indicators and Vascular Endothelial Growth Factor After Maximum-Intensity Exercise Assessing Aerobic Capacity in Males With Type 1 Diabetes Mellitus. <i>Frontiers in Physiology</i> , 2021, 12, 672403.	1.3	5
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1831	Regulation of neuropeptide Y in body microenvironments and its potential application in therapies: a review. <i>Cell and Bioscience</i> , 2021, 11, 151.	2.1	22
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1835	Curcumin Modulates Nitrosative Stress, Inflammation, and DNA Damage and Protects against Ochratoxin A-Induced Hepatotoxicity and Nephrotoxicity in Rats. <i>Antioxidants</i> , 2021, 10, 1239.	2.2	23

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1837	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
1838	Pathophysiological Association between Diabetes Mellitus and Endothelial Dysfunction. <i>Antioxidants</i> , 2021, 10, 1306.	2.2	59
1839	Enteric Nervous System in Neonatal Necrotizing Enterocolitis. <i>Current Pediatric Reviews</i> , 2022, 18, 9-24.	0.4	3
1840	Reply to: Olfactory-nasal Nitric-oxide Link in COVID-19: A Marker of Neurogenesis or Risk Factor for Chronic Rhinosinusitis?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 1347-1348.	2.5	1
1841	Recent advances on endogenous gasotransmitters in inflammatory dermatological disorders. <i>Journal of Advanced Research</i> , 2022, 38, 261-274.	4.4	20
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1846	Carajurin: a anthocyanidin from <i>Arrabidaea chica</i> as a potential biological marker of antileishmanial activity. <i>Biomedicine and Pharmacotherapy</i> , 2021, 141, 111910.	2.5	12
1847	Breath Biomarkers in Diagnostic Applications. <i>Molecules</i> , 2021, 26, 5514.	1.7	29
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1849	Anti-inflammatory natural products as potential therapeutic agents of rheumatoid arthritis: A systematic review. <i>Phytomedicine</i> , 2021, 93, 153766.	2.3	23
1851	Nanotherapies for sepsis by regulating inflammatory signals and reactive oxygen and nitrogen species: New insight for treating COVID-19. <i>Redox Biology</i> , 2021, 45, 102046.	3.9	52
1852	Ethanollic Fruit Extract of <i>Emblica officinalis</i> Suppresses Neuroinflammation in Microglia and Promotes Neurite Outgrowth in Neuro2a Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-16.	0.5	6
1853	The Reactive Species Interactome in the Brain. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 1176-1206.	2.5	21
1854	Peroxidasin promotes diabetic vascular endothelial dysfunction induced by advanced glycation end products via NOX2/HOCl/Akt/eNOS pathway. <i>Redox Biology</i> , 2021, 45, 102031.	3.9	19
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1862	Pre- and Early Post-treatment With <i>Arthrospira platensis</i> (Spirulina) Extract Impedes Lipopolysaccharide-triggered Neuroinflammation in Microglia. <i>Frontiers in Pharmacology</i> , 2021, 12, 724993.	1.6	13
1863	Dynamic Regulation of Cysteine Oxidation and Phosphorylation in Myocardial Ischemia-Reperfusion Injury. <i>Cells</i> , 2021, 10, 2388.	1.8	7
1864	Circulating Hydrogen Sulfide (H ₂ S) and Nitric Oxide (NO) Levels Are Significantly Reduced in HIV Patients Concomitant with Increased Oxidative Stress Biomarkers. <i>Journal of Clinical Medicine</i> , 2021, 10, 4460.	1.0	5
1865	Reactive Oxygen Species and Antioxidative Defense in Chronic Obstructive Pulmonary Disease. <i>Antioxidants</i> , 2021, 10, 1537.	2.2	29
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1867	The evolutionary origins of peroxynitrite signalling. <i>Biochemical and Biophysical Research Communications</i> , 2021, 580, 107-112.	1.0	5
1868	The synthetic peptide PnPP-19 potentiates erectile function via nNOS and iNOS. <i>Nitric Oxide - Biology and Chemistry</i> , 2021, 113-114, 23-30.	1.2	4
1869	Neuropeptide Y Reduces Nasal Epithelial T2R Bitter Taste Receptor-Stimulated Nitric Oxide Production. <i>Nutrients</i> , 2021, 13, 3392.	1.7	10
1870	An Overview of Physical Exercise and Antioxidant Supplementation Influences on Skeletal Muscle Oxidative Stress. <i>Antioxidants</i> , 2021, 10, 1528.	2.2	17
1871	Nitrosative Stress and Human Disease: Therapeutic Potential of Denitrosylation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9794.	1.8	24
1872	Nicotinamide Adenine Dinucleotide Phosphate Oxidases in Glucose Homeostasis and Diabetes-Related Endothelial Cell Dysfunction. <i>Cells</i> , 2021, 10, 2315.	1.8	16
1873	Interplay of gut microbiota and oxidative stress: Perspective on neurodegeneration and neuroprotection. <i>Journal of Advanced Research</i> , 2022, 38, 223-244.	4.4	86

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1875	Time-efficient, high-resistance inspiratory muscle strength training for cardiovascular aging. <i>Experimental Gerontology</i> , 2021, 154, 111515.	1.2	11
1876	Beneficial effects of inorganic nitrate in non-alcoholic fatty liver disease. <i>Archives of Biochemistry and Biophysics</i> , 2021, 711, 109032.	1.4	7
1877	Inducible nitric oxide synthase (iNOS) mediates ethanol-induced redox imbalance and upregulation of inflammatory cytokines in the kidney. <i>Canadian Journal of Physiology and Pharmacology</i> , 2021, 99, 1016-1025.	0.7	8
1878	Duplex metal co-doped carbon quantum dots-based drug delivery system with intelligent adjustable size as adjuvant for synergistic cancer therapy. <i>Carbon</i> , 2021, 183, 789-808.	5.4	57
1879	Effect of hirudin on arterialized venous flap survival in rabbits. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 111981.	2.5	3
1880	Characterization and immunomodulatory activity of sulfated galactan from the red seaweed <i>Gracilaria fisheri</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 189, 705-714.	3.6	8
1881	Standardized root extract of <i>Withania somnifera</i> and Withanolide A exert moderate vasorelaxant effect in the rat aortic rings by enhancing nitric oxide generation. <i>Journal of Ethnopharmacology</i> , 2021, 278, 114296.	2.0	8
1882	Role of nitric oxide on zymosan-induced inhibition of crop emptying in chicks. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021, 261, 111057.	0.8	7
1883	<i>Fusobacterium nucleatum</i> – “Friend or foe?”. <i>Journal of Inorganic Biochemistry</i> , 2021, 224, 111586.	1.5	30
1884	Fetal oxygen supply can be improved by an effective cross-talk between fetal erythrocytes and vascular endothelium. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166243.	1.8	2
1885	Purinergic signaling in the modulation of redox biology. <i>Redox Biology</i> , 2021, 47, 102137.	3.9	36
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1887	Endocan alters nitric oxide production in endothelial cells by targeting AKT/eNOS and NF κ B/iNOS signaling. <i>Nitric Oxide - Biology and Chemistry</i> , 2021, 117, 26-33.	1.2	18
1888	Interplay of KNDy and nNOS neurons: A new possible mechanism of GnRH secretion in the adult brain. <i>Reproductive Biology</i> , 2021, 21, 100558.	0.9	1
1889	Polysaccharide fraction isolated from the leaves of <i>Hordeum vulgare</i> L. protects against colonic inflammation of systemic immune responses. <i>Journal of Functional Foods</i> , 2021, 87, 104765.	1.6	6
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1893	Role of L-Arginine in Nitric Oxide Synthesis and Health in Humans. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1332, 167-187.	0.8	74
1894	Reference method for off-line analysis of nitrogen oxides in cell culture media by an ozone-based chemiluminescence detector. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 1383-1393.	1.9	8
1895	Effects of Caloric Restriction Diet on Arterial Hypertension and Endothelial Dysfunction. <i>Nutrients</i> , 2021, 13, 274.	1.7	35
1896	The Vascular Effects of Isolated Isoflavones—A Focus on the Determinants of Blood Pressure Regulation. <i>Biology</i> , 2021, 10, 49.	1.3	21
1897	Inhibition of Lipopolysaccharide-Induced Inflammatory and Oxidative Responses by <i>trans</i> -cinnamaldehyde in C2C12 Myoblasts. <i>International Journal of Medical Sciences</i> , 2021, 18, 2480-2492.	1.1	20
1898	Histopathological changes of kidney tissue during aging. <i>SVU-International Journal of Veterinary Sciences</i> , 2021, 4, 54-65.	0.0	1
1899	eNOS-dependent S-nitrosylation of the NF- κ B subunit p65 has neuroprotective effects. <i>Cell Death and Disease</i> , 2021, 12, 4.	2.7	15
1900	Inhibition of nitric oxide synthesis promotes increased mortality despite the reduction of parasitemia in <i>Plasmodium berghei</i> -infected mice. <i>Research, Society and Development</i> , 2021, 10, e27810111805.	0.0	4
1901	The CAT-1 is out of the bag: endothelial Cationic Amino Acid Transporter-1 is a critical player in cardiorenal syndrome type 2. <i>Clinical Science</i> , 2021, 135, 105-108.	1.8	0
1902	Roles of peptidyl-prolyl isomerase Pin1 in disease pathogenesis. <i>Theranostics</i> , 2021, 11, 3348-3358.	4.6	10
1903	Cudraticusxanthone A Inhibits Lipid Accumulation and Expression of Inducible Nitric Oxide Synthase in 3T3-L1 Preadipocytes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 505.	1.8	2
1904	GPR55 Receptor Activation by the N-Acyl Dopamine Family Lipids Induces Apoptosis in Cancer Cells via the Nitric Oxide Synthase (nNOS) Over-Stimulation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 622.	1.8	13
1905	Pink pressure: beetroot (<i>Beta vulgaris rubra</i>) as a possible novel medical therapy for chronic kidney disease. <i>Nutrition Reviews</i> , 2022, 80, 1041-1061.	2.6	7
1906	Uric Acid as a Risk Factor for Chronic Kidney Disease and Cardiovascular Disease—Japanese Guideline on the Management of Asymptomatic Hyperuricemia. <i>Circulation Journal</i> , 2021, 85, 130-138.	0.7	56
1908	Oxidative Stress and Hypertension. , 2014, , 175-191.		6
1909	Calcium Signaling in the Heart. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1131, 395-443.	0.8	26
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1912	Endothelial Dysfunction in Obesity. <i>Advances in Experimental Medicine and Biology</i> , 2017, 960, 345-379.	0.8	151
1913	Gasotransmitters in Regulation of Neuromuscular Transmission. , 2012, , 139-161.		4
1914	Role of Oxidative Stress in the Pathophysiology of Arterial Hypertension and Heart Failure. , 2019, , 509-537.		3
1915	Oxidative Stress in Malarial Diseases: Plasmodium-Human Host Interactions and Therapeutic Interventions. , 2019, , 411-452.		1
1916	Nitrosative Stress and Cardiogenesis: Cardiac Remodelling Perturbs Embryonic Metabolome. , 2019, , 377-391.		1
1917	Curcumin nanoparticles ameliorate hepatotoxicity and nephrotoxicity induced by cisplatin in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 1941-1953.	1.4	27
1918	Regulation of iNOS-Derived ROS Generation by HSP90 and Cav-1 in Porcine Reproductive and Respiratory Syndrome Virus-Infected Swine Lung Injury. <i>Inflammation</i> , 2017, 40, 1236-1244.	1.7	23
1919	An atorvastatin calcium and poly(L-lactide-co-caprolactone) core-shell nanofiber-covered stent to treat aneurysms and promote reendothelialization. <i>Acta Biomaterialia</i> , 2020, 111, 102-117.	4.1	20
1920	Anxiolytic like effect of L-Carnitine in mice: Evidences for the involvement of NO-sGC-cGMP signaling pathway. <i>Behavioural Brain Research</i> , 2020, 391, 112689.	1.2	2
1921	An increase in AMPK/e-NOS signaling and attenuation of MMP-9 may contribute to remote ischemic preconditioning associated neuroprotection in rat model of focal ischemia. <i>Brain Research</i> , 2020, 1740, 146860.	1.1	7
1922	Nitric Oxide and Endothelial Dysfunction. <i>Critical Care Clinics</i> , 2020, 36, 307-321.	1.0	250
1923	Effects of inflammation and/or infection on the neuroendocrine control of fish intestinal motility: A review. <i>Fish and Shellfish Immunology</i> , 2020, 103, 342-356.	1.6	10
1924	Anti-inflammatory potential of Portuguese thermal waters. <i>Scientific Reports</i> , 2020, 10, 22313.	1.6	16
1925	Skeletal muscle redox signaling in rheumatoid arthritis. <i>Clinical Science</i> , 2020, 134, 2835-2850.	1.8	18
1926	Endothelial pulsatile shear stress is a backstop for COVID-19. <i>Emerging Topics in Life Sciences</i> , 2020, 4, 391-399.	1.1	8
1927	Tyrosine phosphorylation of eNOS regulates myocardial survival after an ischaemic insult: role of PYK2. <i>Cardiovascular Research</i> , 2017, 113, 926-937.	1.8	25
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1930	Antibacterial activity of high-dose nitric oxide against pulmonary <i>Mycobacterium abscessus</i> disease. <i>Access Microbiology</i> , 2020, 2, acmi000154.	0.2	18
1935	Nitric Oxide Circumvents Virus-Mediated Metabolic Regulation during Human Cytomegalovirus Infection. <i>MBio</i> , 2020, 11, .	1.8	14
1936	Review of Intracellular Sensors Based on Carbonaceous Nanomaterials: A Review. <i>Journal of the Electrochemical Society</i> , 2020, 167, 037540.	1.3	20
1937	Oxidative Stress in Ischemic Heart Disease. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-30.	1.9	63
1938	Tetrahydrobiopterin activates brown adipose tissue and regulates systemic energy metabolism. <i>JCI Insight</i> , 2017, 2, .	2.3	15
1939	FENO as a biomarker guide for inhaled corticosteroid step down in patients with mild-to-moderate well-controlled asthma. <i>European Respiratory Journal</i> , 2020, 55, 2001319.	3.1	9
1941	Changes in Copper, Zinc, and Malondialdehyde Levels and Superoxide Dismutase Activities in Pre-Eclamptic Pregnancies. <i>Medical Science Monitor</i> , 2015, 21, 2414-2420.	0.5	36
1942	Endothelial nitric oxide synthase-derived nitric oxide in the regulation of metabolism. <i>F1000Research</i> , 2020, 9, 1190.	0.8	25
1943	Role of Metabolites of Nitric Oxide and Arginase in the Pathogenesis of Glomerulonephritis. <i>Current Health Sciences Journal</i> , 2016, 42, 221-225.	0.2	3
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1945	Directional changes in information flow between human brain cortical regions after application of anodal transcranial direct current stimulation (tDCS) over Broca's area. <i>Biomedical Optics Express</i> , 2018, 9, 5296.	1.5	21
1946	What happens after a blood meal? A transcriptome analysis of the main tissues involved in egg production in <i>Rhodnius prolixus</i> , an insect vector of Chagas disease. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008516.	1.3	23
1947	Phenotype of Transgenic Mice Overexpressed with Inducible Nitric Oxide Synthase in the Retina. <i>PLoS ONE</i> , 2012, 7, e43089.	1.1	7
1948	Glomerular Endothelial Cell Injury and Damage Precedes That of Podocytes in Adriamycin-Induced Nephropathy. <i>PLoS ONE</i> , 2013, 8, e55027.	1.1	92
1949	Sildenafil Citrate-Restored eNOS and PDE5 Regulation in Sickle Cell Mouse Penis Prevents Priapism Via Control of Oxidative/Nitrosative Stress. <i>PLoS ONE</i> , 2013, 8, e68028.	1.1	53
1950	Molecular Biomarkers of Vascular Dysfunction in Obstructive Sleep Apnea. <i>PLoS ONE</i> , 2013, 8, e70559.	1.1	73
1951	Atmospheric Pressure Room Temperature Plasma Jets Facilitate Oxidative and Nitritative Stress and Lead to Endoplasmic Reticulum Stress Dependent Apoptosis in HepG2 Cells. <i>PLoS ONE</i> , 2013, 8, e73665.	1.1	94

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1953	Protein Kinase D Interacts with Neuronal Nitric Oxide Synthase and Phosphorylates the Activatory Residue Serine1412. <i>PLoS ONE</i> , 2014, 9, e95191.	1.1	17
1954	Contribution of the nos-pdt Operon to Virulence Phenotypes in Methicillin-Sensitive <i>Staphylococcus aureus</i> . <i>PLoS ONE</i> , 2014, 9, e108868.	1.1	36
1955	Arginase 2 Deficiency Prevents Oxidative Stress and Limits Hyperoxia-Induced Retinal Vascular Degeneration. <i>PLoS ONE</i> , 2014, 9, e110604.	1.1	33
1956	Serine 1179 Phosphorylation of Endothelial Nitric Oxide Synthase Increases Superoxide Generation and Alters Cofactor Regulation. <i>PLoS ONE</i> , 2015, 10, e0142854.	1.1	4
1957	Differential effects of heat shock protein 90 and serine 1179 phosphorylation on endothelial nitric oxide synthase activity and on its cofactors. <i>PLoS ONE</i> , 2017, 12, e0179978.	1.1	14
1958	Effects of dichloromethane <i>Sarcophyton</i> spp. extract on the lipopolysaccharide-induced expression of nuclear factor-kappa B and inducible nitric oxide synthase in mice. <i>Veterinary World</i> , 2019, 12, 1897-1902.	0.7	5
1959	Endothelial function in men with type 2 diabetes without clinical signs of cardiovascular disease. <i>Diabetes Mellitus</i> , 2016, 19, 383-387.	0.5	4
1960	Antioxidant metal oxide nanozymes: role in cellular redox homeostasis and therapeutics. <i>Pure and Applied Chemistry</i> , 2021, 93, 187-205.	0.9	10
1961	Neurophysiologic implications of neuronal nitric oxide synthase. <i>Reviews in the Neurosciences</i> , 2020, 31, 617-636.	1.4	29
1962	Association of the ATC9B gene polymorphisms with coronary artery disease susceptibility: A case-control study. <i>Journal of Cardiovascular and Thoracic Research</i> , 2019, 11, 109-115.	0.3	3
1963	Immunomodulatory, anti-inflammatory, and antioxidant effects of curcumin. <i>Journal of HerbMed Pharmacology</i> , 2018, 7, 211-219.	0.4	77
1964	Vitamin Deficiency and Tuberculosis: Need for Urgent Clinical Trial for Management of Tuberculosis. <i>Journal of Nutritional Health & Food Science</i> , 2014, 2, .	0.3	6
1965	Cytotoxic effects of Shiga toxin-2 on human extravillous trophoblast cell lines. <i>Reproduction</i> , 2019, 157, 297-304.	1.1	3
1966	Targeting epigenetic mechanisms as an emerging therapeutic strategy in pulmonary hypertension disease. <i>Vascular Biology (Bristol, England)</i> , 2020, 2, R17-R34.	1.2	21
1967	Role of AP-1 transcriptional factor in development of oxidative and nitrosative stress in periodontal tissues during systemic inflammatory response. <i>Ukrainian Biochemical Journal</i> , 2019, 91, 80-85.	0.1	47
1968	Angiotensin II type 1 receptor blockade partially attenuates hypoxia-induced pulmonary hypertension in newborn piglets: relationship with the nitrergic system. <i>Brazilian Journal of Medical and Biological Research</i> , 2012, 45, 163-171.	0.7	6
1969	Radioprotective Activity of the Nitric Oxide Synthase Inhibitor T1023. <i>Toxicological and Biochemical Properties, Cardiovascular and Radioprotective Effects. Radiation Research</i> , 2020, 194, 532-543.	0.7	8

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1972	Insulin secretion: The nitric oxide controversy. EXCLI Journal, 2020, 19, 1227-1245.	0.5	12
1973	The effect of 131I-induced hypothyroidism on the levels of nitric oxide (NO), interleukin 6 (IL-6), tumor necrosis factor alpha (TNF- α), total nitric oxide synthase (NOS) activity, and expression of NOS isoforms in rats. Bosnian Journal of Basic Medical Sciences, 2018, 18, 305-312.	0.6	18
1974	The 4I Hypothesis: A Neuro-Immunological Explanation for Characteristic Symptoms of Myalgic Encephalomyelitis/ Chronic Fatigue Syndrome. International Journal of Neurology Research, 2015, 1, 20-38.	0.2	2
1975	Modulation of the formation of active forms of nitrogen by ingredients of plant products in the inhibition of carcinogenesis. Uspehi Molekularnoj Onkologii, 2019, 6, 18-36.	0.1	2
1976	Mitochondrial nitric oxide synthase and its role in the mechanisms of cell adaptation to hypoxia. Reviews on Clinical Pharmacology and Drug Therapy, 2016, 14, 38-46.	0.2	7
1977	The role of microglia in the progression of glaucomatous neurodegeneration- a review. International Journal of Ophthalmology, 2018, 11, 143-149.	0.5	31
1978	Honokiol inhibits carotid artery atherosclerotic plaque formation by suppressing inflammation and oxidative stress. Aging, 2020, 12, 8016-8028.	1.4	17
1979	Safflor yellow B reduces hypoxia-mediated vasoconstriction by regulating endothelial micro ribonucleic acid/nitric oxide synthase signaling. Oncotarget, 2017, 8, 93551-93566.	0.8	4
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2044	Protective Effect of Dark Chocolate on Cardiovascular Disease Factors and Body Composition in Type 2 Diabetes: A Parallel, Randomized, Clinical Trial. <i>Iranian Red Crescent Medical Journal</i> , 2017, 19, .	0.5	11
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2070	Arginine in Critical Care: Preclinical Aspects. , 2014, , 1-17.		0
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2108	Role of genetic factors in the development of diabetic distal symmetric polyneuropathy (review of) Tj ETQq1 1 0.784314 rgBT /Overlook	0.1	1
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2118	The Role of VEGF in Controlling Vascular Permeability. , 2019, , 33-50.		0
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