

Jon O Lundberg

List of Publications by Year in descending order

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Version: 2024-02-01

175
papers

18,115
citations

17776

65
h-index

14386

132
g-index

177
all docs

177
docs citations

177
times ranked

13540
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Cardiovascular characterization of the novel organic mononitrate NDIBP in rats. Nitric Oxide - Biology and Chemistry, 2022, 119, 50-60. | 1.2 | 1 |
| 2 | Erythrocytes Induce Vascular Dysfunction in COVID-19. JACC Basic To Translational Science, 2022, 7, 193-204. | 1.9 | 26 |
| 3 | Inorganic nitrate and nitrite ameliorate kidney fibrosis by restoring lipid metabolism via dual regulation of AMP-activated protein kinase and the AKT-PGC1 β pathway. Redox Biology, 2022, 51, 102266. | 3.9 | 10 |
| 4 | Downregulation of eNOS and preserved endothelial function in endothelial-specific arginase 1-deficient mice. Nitric Oxide - Biology and Chemistry, 2022, , . | 1.2 | 4 |
| 5 | Plasma Nitrate and Nitrite Kinetics after Single Intake of Beetroot Juice in Adult Patients on Chronic Hemodialysis and in Healthy Volunteers: A Randomized, Single-Blind, Placebo-Controlled, Crossover Study. Nutrients, 2022, 14, 2480. | 1.7 | 7 |
| 6 | Germ-free mice are not protected against diet-induced obesity and metabolic dysfunction. Acta Physiologica, 2021, 231, e13581. | 1.8 | 24 |
| 7 | Renovascular effects of inorganic nitrate following ischemia-reperfusion of the kidney. Redox Biology, 2021, 39, 101836. | 3.9 | 13 |
| 8 | Vascular biotransformation of organic nitrates is independent of cytochrome P450 monooxygenases. British Journal of Pharmacology, 2021, 178, 1495-1506. | 2.7 | 5 |
| 9 | Red blood cells from patients with pre-eclampsia induce endothelial dysfunction. Journal of Hypertension, 2021, 39, 1628-1641. | 0.3 | 10 |
| 10 | Renal handling of nitrate in women and men with elevated blood pressure. Acta Physiologica, 2021, 232, e13637. | 1.8 | 8 |
| 11 | Enhanced Nitrite-Mediated Relaxation of Placental Blood Vessels Exposed to Hypoxia Is Preserved in Pregnancies Complicated by Fetal Growth Restriction. International Journal of Molecular Sciences, 2021, 22, 4500. | 1.8 | 2 |
| 12 | Longitudinal variability in mortality predicts COVID-19 deaths. European Journal of Epidemiology, 2021, 36, 599-603. | 2.5 | 0 |
| 13 | Red Blood Cell and Endothelial eNOS Independently Regulate Circulating Nitric Oxide Metabolites and Blood Pressure. Circulation, 2021, 144, 870-889. | 1.6 | 85 |
| 14 | Effects of inorganic nitrate on ischaemia-reperfusion injury after coronary artery bypass surgery: a randomised controlled trial. British Journal of Anaesthesia, 2021, 127, 547-555. | 1.5 | 8 |
| 15 | Symbiotic bacteria enhance exercise performance. British Journal of Sports Medicine, 2021, 55, 243-243. | 3.1 | 8 |
| 16 | Effects of chronic dietary nitrate supplementation on longevity, vascular function and cancer incidence in rats. Redox Biology, 2021, 48, 102209. | 3.9 | 8 |
| 17 | The new organic nitrate 2-nitrate-1,3-diocthanoxypropan (NDOP) induces nitric oxide production and vasorelaxation via activation of inward-rectifier potassium channels (KIR). Nitric Oxide - Biology and Chemistry, 2020, 104-105, 61-69. | 1.2 | 4 |
| 18 | Dietary nitrite extends lifespan and prevents age-related locomotor decline in the fruit fly. Free Radical Biology and Medicine, 2020, 160, 860-870. | 1.3 | 13 |

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|----|---|-----|-----------|
| 19 | Head-to-head comparison of inorganic nitrate and metformin in a mouse model of cardiometabolic disease. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 97, 48-56. | 1.2 | 20 |
| 20 | Nitric oxide-dependent biodegradation of graphene oxide reduces inflammation in the gastrointestinal tract. <i>Nanoscale</i> , 2020, 12, 16730-16737. | 2.8 | 26 |
| 21 | Microbiota, diet and the generation of reactive nitrogen compounds. <i>Free Radical Biology and Medicine</i> , 2020, 161, 321-325. | 1.3 | 21 |
| 22 | Beetroot juice lowers blood pressure and improves endothelial function in pregnant eNOS ^{-/-} mice: importance of nitrate-independent effects. <i>Journal of Physiology</i> , 2020, 598, 4079-4092. | 1.3 | 17 |
| 23 | A randomized clinical trial of the effects of leafy green vegetables and inorganic nitrate on blood pressure. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 749-756. | 2.2 | 32 |
| 24 | Removal of nitrate and nitrite by hemodialysis in end-stage renal disease and by sustained low-efficiency dialysis in acute kidney injury. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 98, 33-40. | 1.2 | 6 |
| 25 | Modulation of mitochondria and NADPH oxidase function by the nitrate-nitrite-NO pathway in metabolic disease with focus on type 2 diabetes. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165811. | 1.8 | 29 |
| 26 | Dietary nitrate and mitochondrial efficiency in humans. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 486. | 2.2 | 0 |
| 27 | The obligatory role of host microbiota in bioactivation of dietary nitrate. <i>Free Radical Biology and Medicine</i> , 2019, 145, 342-348. | 1.3 | 23 |
| 28 | Response by Lundberg et al to Letter Regarding Article, "Hemoglobin Î²93 Cysteine Is Not Required for Export of Nitric Oxide Bioactivity From the Red Blood Cell". <i>Circulation</i> , 2019, 140, e760-e761. | 1.6 | 0 |
| 29 | Characterization of mammalian glutaredoxin isoforms as S-nitrosylases. <i>FEBS Letters</i> , 2019, 593, 1799-1806. | 1.3 | 25 |
| 30 | Hemoglobin Î²93 Cysteine Is Not Required for Export of Nitric Oxide Bioactivity From the Red Blood Cell. <i>Circulation</i> , 2019, 139, 2654-2663. | 1.6 | 42 |
| 31 | AMP-activated protein kinase activation and NADPH oxidase inhibition by inorganic nitrate and nitrite prevent liver steatosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 217-226. | 3.3 | 68 |
| 32 | Dietary Nitrate Reduces Blood Pressure in Rats With Angiotensin II-Induced Hypertension via Mechanisms That Involve Reduction of Sympathetic Hyperactivity. <i>Hypertension</i> , 2019, 73, 839-848. | 1.3 | 26 |
| 33 | The novel organic mononitrate NDHP attenuates hypertension and endothelial dysfunction in hypertensive rats. <i>Redox Biology</i> , 2018, 15, 182-191. | 3.9 | 12 |
| 34 | Effects of Oral Supplementation With Nitrate-Rich Beetroot Juice in Patients With Pulmonary Arterial Hypertension—Results From BEET-PAH, an Exploratory Randomized, Double-Blind, Placebo-Controlled, Crossover Study. <i>Journal of Cardiac Failure</i> , 2018, 24, 640-653. | 0.7 | 22 |
| 35 | Metabolic Effects of Dietary Nitrate in Health and Disease. <i>Cell Metabolism</i> , 2018, 28, 9-22. | 7.2 | 242 |
| 36 | Erythrocytes From Patients With Type 2 Diabetes Induce Endothelial Dysfunction Via Arginase I. <i>Journal of the American College of Cardiology</i> , 2018, 72, 769-780. | 1.2 | 123 |

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|----|--|-----|-----------|
| 37 | Effects of dietary nitrate supplementation, from beetroot juice, on blood pressure in hypertensive pregnant women: A randomised, double-blind, placebo-controlled feasibility trial. <i>Nitric Oxide - Biology and Chemistry</i> , 2018, 80, 37-44. | 1.2 | 52 |
| 38 | Red Blood Cells in Type 2 Diabetes Impair Cardiac Post-Ischemic Recovery Through an Arginase-Dependent Modulation of Nitric Oxide Synthase and Reactive Oxygen Species. <i>JACC Basic To Translational Science</i> , 2018, 3, 450-463. | 1.9 | 51 |
| 39 | Synthesis and characterization of a novel organic nitrate NDHP: Role of xanthine oxidoreductase-mediated nitric oxide formation. <i>Redox Biology</i> , 2017, 13, 163-169. | 3.9 | 12 |
| 40 | Association of Vegetable Nitrate Intake With Carotid Atherosclerosis and Ischemic Cerebrovascular Disease in Older Women. <i>Stroke</i> , 2017, 48, 1724-1729. | 1.0 | 61 |
| 41 | Dietary nitrate attenuates renal ischemia-reperfusion injuries by modulation of immune responses and reduction of oxidative stress. <i>Redox Biology</i> , 2017, 13, 320-330. | 3.9 | 57 |
| 42 | Elevated nitric oxide in recurrent vulvovaginal candidiasis – association with clinical findings. <i>Acta Obstetricia Et Gynecologica Scandinavica</i> , 2017, 96, 295-301. | 1.3 | 5 |
| 43 | Enterosalivary nitrate metabolism and the microbiome: Intersection of microbial metabolism, nitric oxide and diet in cardiac and pulmonary vascular health. <i>Free Radical Biology and Medicine</i> , 2017, 105, 48-67. | 1.3 | 123 |
| 44 | Dietary nitrate markedly improves voluntary running in mice. <i>Physiology and Behavior</i> , 2017, 168, 55-61. | 1.0 | 23 |
| 45 | Blood Pressure – Lowering Effect of Orally Ingested Nitrite Is Abolished by a Proton Pump Inhibitor. <i>Hypertension</i> , 2017, 69, 23-31. | 1.3 | 74 |
| 46 | Nitric Oxide Formation From Inorganic Nitrate. , 2017, , 157-171. | | 8 |
| 47 | Nitric oxide generation by the organic nitrate NDBP attenuates oxidative stress and angiotensin II-mediated hypertension. <i>British Journal of Pharmacology</i> , 2016, 173, 2290-2302. | 2.7 | 16 |
| 48 | The roles of tissue nitrate reductase activity and myoglobin in securing nitric oxide availability in deeply hypoxic crucian carp. <i>Journal of Experimental Biology</i> , 2016, 219, 3875-3883. | 0.8 | 11 |
| 49 | Peritoneal dialysis impairs nitric oxide homeostasis and may predispose infants with low systolic blood pressure to cerebral ischemia. <i>Nitric Oxide - Biology and Chemistry</i> , 2016, 58, 1-9. | 1.2 | 8 |
| 50 | Dietary nitrate improves cardiac contractility via enhanced cellular Ca ²⁺ signaling. <i>Basic Research in Cardiology</i> , 2016, 111, 34. | 2.5 | 22 |
| 51 | Enhanced XOR activity in eNOS-deficient mice. <i>Free Radical Biology and Medicine</i> , 2016, 99, 472-484. | 1.3 | 60 |
| 52 | Nitrite-mediated reduction of macrophage NADPH oxidase activity is dependent on xanthine oxidoreductase-derived nitric oxide but independent of S-nitrosation. <i>Redox Biology</i> , 2016, 10, 119-127. | 3.9 | 37 |
| 53 | Dietary nitrate improves age-related hypertension and metabolic abnormalities in rats via modulation of angiotensin II receptor signaling and inhibition of superoxide generation. <i>Free Radical Biology and Medicine</i> , 2016, 99, 87-98. | 1.3 | 67 |
| 54 | Letter by Carlström and Lundberg Regarding Article, “SIRT3-AMP-Activated Protein Kinase Activation by Nitrite and Metformin Improves Hyperglycemia and Normalizes Pulmonary Hypertension Associated With Heart Failure With Preserved Ejection Fraction”. <i>Circulation</i> , 2016, 134, e77-8. | 1.6 | 3 |

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|----|---|------|-----------|
| 55 | Arginase Inhibition Improves Microvascular Endothelial Function in Patients With Type 2 Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3952-3958. | 1.8 | 60 |
| 56 | Effects of antiseptic mouthwash on resting metabolic rate: A randomized, double-blind, crossover study. <i>Nitric Oxide - Biology and Chemistry</i> , 2016, 61, 38-44. | 1.2 | 26 |
| 57 | Profound differences between humans and rodents in the ability to concentrate salivary nitrate: Implications for translational research. <i>Redox Biology</i> , 2016, 10, 206-210. | 3.9 | 65 |
| 58 | Control of human energy expenditure by cytochrome c oxidase subunit IV-2. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C452-C461. | 2.1 | 18 |
| 59 | Role of nitrite, urate and pepsin in the gastroprotective effects of saliva. <i>Redox Biology</i> , 2016, 8, 407-414. | 3.9 | 25 |
| 60 | Eliminating paranasal sinus resonance and its effects on acoustic properties of the nasal tract. <i>Logopedics Phoniatrics Vocology</i> , 2016, 41, 33-40. | 0.5 | 14 |
| 61 | Ultrasound contrast agent loaded with nitric oxide as a theranostic microdevice. <i>Drug Design, Development and Therapy</i> , 2015, 9, 2409. | 2.0 | 16 |
| 62 | In adenosine A2B knockouts acute treatment with inorganic nitrate improves glucose disposal, oxidative stress, and AMPK signaling in the liver. <i>Frontiers in Physiology</i> , 2015, 6, 222. | 1.3 | 39 |
| 63 | Cross-talk Between Nitrate-Nitrite-NO and NO Synthase Pathways in Control of Vascular NO Homeostasis. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 295-306. | 2.5 | 90 |
| 64 | Hexosylceramides as intrathecal markers of worsening disability in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2015, 21, 1271-1279. | 1.4 | 43 |
| 65 | Inorganic nitrite attenuates NADPH oxidase-derived superoxide generation in activated macrophages via a nitric oxide-dependent mechanism. <i>Free Radical Biology and Medicine</i> , 2015, 83, 159-166. | 1.3 | 69 |
| 66 | Nitrite-mediated renal vasodilatation is increased during ischemic conditions via cGMP-independent signaling. <i>Free Radical Biology and Medicine</i> , 2015, 84, 154-160. | 1.3 | 28 |
| 67 | Plasma nitrate/nitrite removal by peritoneal dialysis might predispose infants with low blood pressure to cerebral ischaemia. <i>CKJ: Clinical Kidney Journal</i> , 2015, 8, 215-218. | 1.4 | 9 |
| 68 | Absence of an effect of high nitrate intake from beetroot juice on blood pressure in treated hypertensive individuals: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2015, 102, 368-375. | 2.2 | 88 |
| 69 | Strategies to increase nitric oxide signalling in cardiovascular disease. <i>Nature Reviews Drug Discovery</i> , 2015, 14, 623-641. | 21.5 | 412 |
| 70 | Effects of long-term dietary nitrate supplementation in mice. <i>Redox Biology</i> , 2015, 5, 234-242. | 3.9 | 54 |
| 71 | Physiological recycling of endogenous nitrate by oral bacteria regulates gastric mucus thickness. <i>Free Radical Biology and Medicine</i> , 2015, 89, 241-247. | 1.3 | 25 |
| 72 | Interactions between cocoa flavanols and inorganic nitrate: Additive effects on endothelial function at achievable dietary amounts. <i>Free Radical Biology and Medicine</i> , 2015, 80, 121-128. | 1.3 | 65 |

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|----|---|-----|-----------|
| 73 | NADPH Oxidase in the Renal Microvasculature Is a Primary Target for Blood Pressure-Lowering Effects by Inorganic Nitrate and Nitrite. <i>Hypertension</i> , 2015, 65, 161-170. | 1.3 | 83 |
| 74 | Elevated Exhaled Nitric Oxide in Allergen-Provoked Asthma Is Associated with Airway Epithelial iNOS. <i>PLoS ONE</i> , 2014, 9, e90018. | 1.1 | 51 |
| 75 | Thioredoxin-related protein of 14 kDa is an efficient L-cystine reductase and S-denitrosylase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 6964-6969. | 3.3 | 125 |
| 76 | Letter by Montenegro and Lundberg Regarding Article, "Unexpected Effect of Proton Pump Inhibitors: Elevation of the Cardiovascular Risk Factor Asymmetric Dimethylarginine". <i>Circulation</i> , 2014, 129, e426. | 1.6 | 7 |
| 77 | Dynamic regulation of metabolic efficiency explains tolerance to acute hypoxia in humans. <i>FASEB Journal</i> , 2014, 28, 4303-4311. | 0.2 | 8 |
| 78 | Preventive and therapeutic effects of nitrite supplementation in experimental inflammatory bowel disease. <i>Redox Biology</i> , 2014, 2, 73-81. | 3.9 | 57 |
| 79 | Dietary nitrate reduces resting metabolic rate: a randomized, crossover study in humans. <i>American Journal of Clinical Nutrition</i> , 2014, 99, 843-850. | 2.2 | 72 |
| 80 | Control of pathogen growth and biofilm formation using a urinary catheter that releases antimicrobial nitrogen oxides. <i>Free Radical Biology and Medicine</i> , 2013, 65, 1257-1264. | 1.3 | 31 |
| 81 | Physiological role for nitrate-reducing oral bacteria in blood pressure control. <i>Free Radical Biology and Medicine</i> , 2013, 55, 93-100. | 1.3 | 282 |
| 82 | Microbial regulation of host hydrogen sulfide bioavailability and metabolism. <i>Free Radical Biology and Medicine</i> , 2013, 60, 195-200. | 1.3 | 151 |
| 83 | Novel Aspects of Dietary Nitrate and Human Health. <i>Annual Review of Nutrition</i> , 2013, 33, 129-159. | 4.3 | 230 |
| 84 | Effects of dietary inorganic nitrate on static and dynamic breath-holding in humans. <i>Respiratory Physiology and Neurobiology</i> , 2013, 185, 339-348. | 0.7 | 10 |
| 85 | Pepsin is nitrated in the rat stomach, acquiring antiulcerogenic activity: A novel interaction between dietary nitrate and gut proteins. <i>Free Radical Biology and Medicine</i> , 2013, 58, 26-34. | 1.3 | 31 |
| 86 | Biology of nitrogen oxides in the gastrointestinal tract. <i>Gut</i> , 2013, 62, 616-629. | 6.1 | 142 |
| 87 | Arginase regulates red blood cell nitric oxide synthase and export of cardioprotective nitric oxide bioactivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15049-15054. | 3.3 | 125 |
| 88 | Metabolism and Pathways for Denitration of Organic Nitrates in the Human Liver. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2013, 346, 96-104. | 1.3 | 8 |
| 89 | Nitrate transport in salivary glands with implications for NO homeostasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13144-13145. | 3.3 | 40 |
| 90 | No Improvement in Endurance Performance after a Single Dose of Beetroot Juice. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2012, 22, 470-478. | 1.0 | 111 |

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|-----|---|-----|-----------|
| 91 | Dietary Nitrate Supplementation Improves Revascularization in Chronic Ischemia. <i>Circulation</i> , 2012, 126, 1983-1992. | 1.6 | 97 |
| 92 | Decreased leukocyte recruitment by inorganic nitrate and nitrite in microvascular inflammation and NSAID-induced intestinal injury. <i>Free Radical Biology and Medicine</i> , 2012, 52, 683-692. | 1.3 | 78 |
| 93 | Inorganic nitrite stimulates pancreatic islet blood flow and insulin secretion. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1017-1023. | 1.3 | 74 |
| 94 | Regulation of mitochondrial function and energetics by reactive nitrogen oxides. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1919-1928. | 1.3 | 73 |
| 95 | The fraction of NO in exhaled air and estimates of alveolar NO in adolescents with asthma: Methodological aspects. <i>Pediatric Pulmonology</i> , 2012, 47, 941-949. | 1.0 | 14 |
| 96 | Intragastric nitration by dietary nitrite: Implications for modulation of protein and lipid signaling. <i>Free Radical Biology and Medicine</i> , 2012, 52, 693-698. | 1.3 | 64 |
| 97 | Dietary inorganic nitrate mobilizes circulating angiogenic cells. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1767-1772. | 1.3 | 67 |
| 98 | Dietary nitrate increases tetanic $[Ca^{2+}]_i$ and contractile force in mouse fast-twitch muscle. <i>Journal of Physiology</i> , 2012, 590, 3575-3583. | 1.3 | 248 |
| 99 | Local Arginase Inhibition during Early Reperfusion Mediates Cardioprotection via Increased Nitric Oxide Production. <i>PLoS ONE</i> , 2012, 7, e42038. | 1.1 | 60 |
| 100 | Dietary nitrate dramatically increases force in mouse skeletal muscle. <i>FASEB Journal</i> , 2012, 26, 1078.2. | 0.2 | 0 |
| 101 | Baseline plasma cGMP levels correlates with breath hold capacity in competitive breath hold divers. <i>FASEB Journal</i> , 2012, 26, 1082.8. | 0.2 | 0 |
| 102 | Roles of dietary inorganic nitrate in cardiovascular health and disease. <i>Cardiovascular Research</i> , 2011, 89, 525-532. | 1.8 | 268 |
| 103 | Dietary Inorganic Nitrate Improves Mitochondrial Efficiency in Humans. <i>Cell Metabolism</i> , 2011, 13, 149-159. | 7.2 | 555 |
| 104 | Increased plasma and salivary nitrite and decreased bronchial contribution to exhaled NO in pulmonary arterial hypertension. <i>European Journal of Clinical Investigation</i> , 2011, 41, 889-897. | 1.7 | 16 |
| 105 | Dietary nitrate – a slow train coming. <i>Journal of Physiology</i> , 2011, 589, 5333-5334. | 1.3 | 6 |
| 106 | Mitochondrial oxygen affinity predicts basal metabolic rate in humans. <i>FASEB Journal</i> , 2011, 25, 2843-2852. | 0.2 | 67 |
| 107 | Dietary nitrate attenuates oxidative stress, prevents cardiac and renal injuries, and reduces blood pressure in salt-induced hypertension. <i>Cardiovascular Research</i> , 2011, 89, 574-585. | 1.8 | 216 |
| 108 | Supplementation with nitrate and nitrite salts in exercise: a word of caution. <i>Journal of Applied Physiology</i> , 2011, 111, 616-617. | 1.2 | 32 |

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|-----|---|-----|-----------|
| 109 | Arginase inhibition restores in vivo coronary microvascular function in type 2 diabetic rats. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H1174-H1181. | 1.5 | 65 |
| 110 | The Nitrate-Nitrite-Nitric Oxide Pathway in Mammals. , 2011, , 21-48. | | 8 |
| 111 | Dietary Nitrite in Nitric Oxide Biology: A Redox Interplay with Implications for Pathophysiology and Therapeutics. Current Drug Targets, 2011, 12, 1351-1363. | 1.0 | 53 |
| 112 | Inorganic nitrite attenuates Ang II-mediated contraction of renal arterioles via xanthine oxidase-dependent generation of nitric oxide. FASEB Journal, 2011, 25, . | 0.2 | 0 |
| 113 | Nitrate-Nitrite-Nitric Oxide Pathway. Anesthesiology, 2010, 113, 1460-1475. | 1.3 | 122 |
| 114 | Dietary nitrate reduces maximal oxygen consumption while maintaining work performance in maximal exercise. Free Radical Biology and Medicine, 2010, 48, 342-347. | 1.3 | 260 |
| 115 | Nitrated oleic acid up-regulates PPAR β and attenuates experimental inflammatory bowel disease. Free Radical Biology and Medicine, 2010, 48, 499-505. | 1.3 | 86 |
| 116 | Nitric Oxide Formation from Inorganic Nitrate and Nitrite. , 2010, , 539-553. | | 5 |
| 117 | Is sunlight good for our heart?. European Heart Journal, 2010, 31, 1041-1045. | 1.0 | 93 |
| 118 | Inhibition of Cancer Cell Replication by Inorganic Nitrite. Nutrition and Cancer, 2010, 62, 501-504. | 0.9 | 14 |
| 119 | NO-synthase independent NO generation in mammals. Biochemical and Biophysical Research Communications, 2010, 396, 39-45. | 1.0 | 144 |
| 120 | The biological role of nitrate and nitrite: The times they are a-changin'™. Nitric Oxide - Biology and Chemistry, 2010, 22, 61-63. | 1.2 | 36 |
| 121 | Enhanced xanthine oxidoreductase expression and tissue nitrate reduction in germ free mice. Nitric Oxide - Biology and Chemistry, 2010, 22, 191-195. | 1.2 | 37 |
| 122 | Arginase inhibition mediates cardioprotection during ischaemia-reperfusion. Cardiovascular Research, 2010, 85, 147-154. | 1.8 | 120 |
| 123 | Dietary inorganic nitrate reverses features of metabolic syndrome in endothelial nitric oxide synthase-deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 17716-17720. | 3.3 | 316 |
| 124 | Direct measurement of nitric oxide (NO) in the gastrointestinal tract of cod (Gadus morhua). Microbial Ecology in Health and Disease, 2009, 21, 175-177. | 3.8 | 0 |
| 125 | Intestinal Hydrogen and Nitric Oxide Gases in Preterm Infants - Effects of Antibiotic Therapy. Neonatology, 2009, 95, 68-73. | 0.9 | 6 |
| 126 | Dietary flavonoids and circulating concentrations of nitrate, nitrite, and S-nitrosothiols. American Journal of Clinical Nutrition, 2009, 89, 652-652. | 2.2 | 2 |

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|-----|---|------|-----------|
| 127 | Rectal NO and fecal calprotectin in IBD. <i>Scandinavian Journal of Gastroenterology</i> , 2009, 44, 128-128. | 0.6 | 1 |
| 128 | PPAR- δ activation protects the type 2 diabetic myocardium against ischemia-reperfusion injury: involvement of the PI3-Kinase/Akt and NO pathway. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H719-H727. | 1.5 | 121 |
| 129 | Gastroprotective and blood pressure lowering effects of dietary nitrate are abolished by an antiseptic mouthwash. <i>Free Radical Biology and Medicine</i> , 2009, 46, 1068-1075. | 1.3 | 200 |
| 130 | Nitrite as regulator of hypoxic signaling in mammalian physiology. <i>Medicinal Research Reviews</i> , 2009, 29, 683-741. | 5.0 | 373 |
| 131 | NO generation from inorganic nitrate and nitrite: Role in physiology, nutrition and therapeutics. <i>Archives of Pharmacal Research</i> , 2009, 32, 1119-1126. | 2.7 | 126 |
| 132 | Cardiovascular prevention by dietary nitrate and nitrite. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 296, H1221-H1223. | 1.5 | 22 |
| 133 | Nitric Oxide and the Paranasal Sinuses. <i>Anatomical Record</i> , 2008, 291, 1479-1484. | 0.8 | 110 |
| 134 | A mammalian functional nitrate reductase that regulates nitrite and nitric oxide homeostasis. <i>Nature Chemical Biology</i> , 2008, 4, 411-417. | 3.9 | 302 |
| 135 | Downsides to the nitrate-nitrite-nitric oxide pathway in physiology and therapeutics? Reply from Lundberg, Weitzberg and Gladwin. <i>Nature Reviews Drug Discovery</i> , 2008, 7, 710-710. | 21.5 | 6 |
| 136 | The nitrate-nitrite-nitric oxide pathway in physiology and therapeutics. <i>Nature Reviews Drug Discovery</i> , 2008, 7, 156-167. | 21.5 | 2,084 |
| 137 | The potent vasodilator ethyl nitrite is formed upon reaction of nitrite and ethanol under gastric conditions. <i>Free Radical Biology and Medicine</i> , 2008, 45, 404-412. | 1.3 | 40 |
| 138 | The increase in plasma nitrite after a dietary nitrate load is markedly attenuated by an antibacterial mouthwash. <i>Nitric Oxide - Biology and Chemistry</i> , 2008, 19, 333-337. | 1.2 | 473 |
| 139 | Extrapulmonary effects of nitric oxide inhalation therapy: time to consider new dosing regimes?. <i>Critical Care</i> , 2008, 12, 406. | 2.5 | 1 |
| 140 | Nitrite reduction to nitric oxide in the vasculature. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H477-H478. | 1.5 | 28 |
| 141 | Rectal nitric oxide and fecal calprotectin in inflammatory bowel disease. <i>Scandinavian Journal of Gastroenterology</i> , 2007, 42, 1151-1157. | 0.6 | 36 |
| 142 | Dietary nitrate increases gastric mucosal blood flow and mucosal defense. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G718-G724. | 1.6 | 121 |
| 143 | Protection from nonsteroidal anti-inflammatory drug (NSAID)-induced gastric ulcers by dietary nitrate. <i>Free Radical Biology and Medicine</i> , 2007, 42, 510-518. | 1.3 | 86 |
| 144 | Red wine-dependent reduction of nitrite to nitric oxide in the stomach. <i>Free Radical Biology and Medicine</i> , 2007, 43, 1233-1242. | 1.3 | 152 |

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|-----|---|------|-----------|
| 145 | Cardioprotective effects of vegetables: Is nitrate the answer?. Nitric Oxide - Biology and Chemistry, 2006, 15, 359-362. | 1.2 | 152 |
| 146 | NO bioactivity estimated from plasma levels of cyclic guanosine 3',5'-monophosphate (cGMP): correlation to plasma nitrite but not nitrate. Acta Physiologica, 2006, 188, 75-75. | 1.8 | 0 |
| 147 | Generation of NO by probiotic bacteria in the gastrointestinal tract. Free Radical Biology and Medicine, 2006, 41, 985-991. | 1.3 | 101 |
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