## Jon O Lundberg

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	The nitrate–nitrite–nitric oxide pathway in physiology and therapeutics. Nature Reviews Drug Discovery, 2008, 7, 156-167.	46.4	2,084
2	Nitrate, bacteria and human health. Nature Reviews Microbiology, 2004, 2, 593-602.	28.6	618
3	High nitric oxide production in human paranasal sinuses. Nature Medicine, 1995, 1, 370-373.	30.7	568
4	Dietary Inorganic Nitrate Improves Mitochondrial Efficiency in Humans. Cell Metabolism, 2011, 13, 149-159.	16.2	555
5	Inorganic nitrate is a possible source for systemic generation of nitric oxide. Free Radical Biology and Medicine, 2004, 37, 395-400.	2.9	540
6	Effects of Dietary Nitrate on Blood Pressure in Healthy Volunteers. New England Journal of Medicine, 2006, 355, 2792-2793.	27.0	492
7	The increase in plasma nitrite after a dietary nitrate load is markedly attenuated by an antibacterial mouthwash. Nitric Oxide - Biology and Chemistry, 2008, 19, 333-337.	2.7	473
8	Strategies to increase nitric oxide signalling in cardiovascular disease. Nature Reviews Drug Discovery, 2015, 14, 623-641.	46.4	412
9	Nitrite as regulator of hypoxic signaling in mammalian physiology. Medicinal Research Reviews, 2009, 29, 683-741.	10.5	373
10	Primarily nasal origin of exhaled nitric oxide and absence in Kartagener's syndrome. European Respiratory Journal, 1994, 7, 1501-1504.	6.7	353
11	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.	7.1	316
12	A mammalian functional nitrate reductase that regulates nitrite and nitric oxide homeostasis. Nature Chemical Biology, 2008, 4, 411-417.	8.0	302
13	NO Generation From Nitrite and Its Role in Vascular Control. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 915-922.	2.4	300
14	Physiological role for nitrate-reducing oral bacteria in blood pressure control. Free Radical Biology and Medicine, 2013, 55, 93-100.	2.9	282
15	Roles of dietary inorganic nitrate in cardiovascular health and disease. Cardiovascular Research, 2011, 89, 525-532.	3.8	268
16	Nitrite-derived nitric oxide: a possible mediator of 'acidic-metabolic' vasodilation. Acta Physiologica Scandinavica, 2001, 171, 9-16.	2.2	260
17	Dietary nitrate reduces maximal oxygen consumption while maintaining work performance in maximal exercise. Free Radical Biology and Medicine, 2010, 48, 342-347.	2.9	260
18	Nonenzymatic Nitric Oxide Production in Humans. Nitric Oxide - Biology and Chemistry, 1998, 2, 1-7.	2.7	249

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19	Dietary nitrate increases tetanic [Ca <sup>2+</sup> ] <sub>i</sub> and contractile force in mouse fastâ€ŧwitch muscle. Journal of Physiology, 2012, 590, 3575-3583.	2.9	248
20	Metabolic Effects of Dietary Nitrate in Health and Disease. Cell Metabolism, 2018, 28, 9-22.	16.2	242
21	Greatly increased luminal nitric oxide in ulcerative colitis. Lancet, The, 1994, 344, 1673-1674.	13.7	239
22	Novel Aspects of Dietary Nitrate and Human Health. Annual Review of Nutrition, 2013, 33, 129-159.	10.1	230
23	Dietary nitrate attenuates oxidative stress, prevents cardiac and renal injuries, and reduces blood pressure in salt-induced hypertension. Cardiovascular Research, 2011, 89, 574-585.	3.8	216
24	Nitrite in saliva increases gastric mucosal blood flow and mucus thickness. Journal of Clinical Investigation, 2004, 113, 106-114.	8.2	207
25	Gastroprotective and blood pressure lowering effects of dietary nitrate are abolished by an antiseptic mouthwash. Free Radical Biology and Medicine, 2009, 46, 1068-1075.	2.9	200
26	Effects of pH, Nitrite, and Ascorbic Acid on Nonenzymatic Nitric Oxide Generation and Bacterial Growth in Urine. Nitric Oxide - Biology and Chemistry, 2001, 5, 580-586.	2.7	156
27	Cardioprotective effects of vegetables: Is nitrate the answer?. Nitric Oxide - Biology and Chemistry, 2006, 15, 359-362.	2.7	152
28	Red wine-dependent reduction of nitrite to nitric oxide in the stomach. Free Radical Biology and Medicine, 2007, 43, 1233-1242.	2.9	152
29	Microbial regulation of host hydrogen sulfide bioavailability and metabolism. Free Radical Biology and Medicine, 2013, 60, 195-200.	2.9	151
30	Nitriteâ€derived nitric oxide: a possible mediator of â€~acidic–metabolic' vasodilation. Acta Physiologica Scandinavica, 2001, 171, 9-16.	2.2	146
31	NO-synthase independent NO generation in mammals. Biochemical and Biophysical Research Communications, 2010, 396, 39-45.	2.1	144
32	Biology of nitrogen oxides in the gastrointestinal tract. Gut, 2013, 62, 616-629.	12.1	142
33	NO generation from inorganic nitrate and nitrite: Role in physiology, nutrition and therapeutics. Archives of Pharmacal Research, 2009, 32, 1119-1126.	6.3	126
34	Arginase regulates red blood cell nitric oxide synthase and export of cardioprotective nitric oxide bioactivity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15049-15054.	7.1	125
35	Thioredoxin-related protein of 14 kDa is an efficient L-cystine reductase and S-denitrosylase. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 6964-6969.	7.1	125
36	Enterosalivary nitrate metabolism and the microbiome: Intersection of microbial metabolism, nitric oxide and diet in cardiac and pulmonary vascular health. Free Radical Biology and Medicine, 2017, 105, 48-67.	2.9	123

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37	Erythrocytes From Patients With TypeÂ2ÂDiabetes Induce EndothelialÂDysfunction Via Arginase I. Journal of the American College of Cardiology, 2018, 72, 769-780.	2.8	123
38	Nitrate-Nitrite-Nitric Oxide Pathway. Anesthesiology, 2010, 113, 1460-1475.	2.5	122
39	Dietary nitrate increases gastric mucosal blood flow and mucosal defense. American Journal of Physiology - Renal Physiology, 2007, 292, G718-G724.	3.4	121
40	PPAR-α activation protects the type 2 diabetic myocardium against ischemia-reperfusion injury: involvement of the PI3-Kinase/Akt and NO pathway. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H719-H727.	3.2	121
41	Arginase inhibition mediates cardioprotection during ischaemia-reperfusion. Cardiovascular Research, 2010, 85, 147-154.	3.8	120
42	No Improvement in Endurance Performance after a Single Dose of Beetroot Juice. International Journal of Sport Nutrition and Exercise Metabolism, 2012, 22, 470-478.	2.1	111
43	Nitric Oxide and the Paranasal Sinuses. Anatomical Record, 2008, 291, 1479-1484.	1.4	110
44	Generation of NO by probiotic bacteria in the gastrointestinal tract. Free Radical Biology and Medicine, 2006, 41, 985-991.	2.9	101
45	Dietary Nitrate Supplementation Improves Revascularization in Chronic Ischemia. Circulation, 2012, 126, 1983-1992.	1.6	97
46	ls sunlight good for our heart?. European Heart Journal, 2010, 31, 1041-1045.	2.2	93
47	Urinary nitrite: More than a marker of infection. Urology, 1997, 50, 189-191.	1.0	91
48	Cross-talk Between Nitrate-Nitrite-NO and NO Synthase Pathways in Control of Vascular NO Homeostasis. Antioxidants and Redox Signaling, 2015, 23, 295-306.	5.4	90
49	Absence of an effect of high nitrate intake from beetroot juice on blood pressure in treated hypertensive individuals: a randomized controlled trial. American Journal of Clinical Nutrition, 2015, 102, 368-375.	4.7	88
50	Protection from nonsteroidal anti-inflammatory drug (NSAID)-induced gastric ulcers by dietary nitrate. Free Radical Biology and Medicine, 2007, 42, 510-518.	2.9	86
51	Nitrated oleic acid up-regulates PPARÎ <sup>3</sup> and attenuates experimental inflammatory bowel disease. Free Radical Biology and Medicine, 2010, 48, 499-505.	2.9	86
52	Calcium-independent and steroid-resistant nitric oxide synthase activity in human paranasal sinus mucosa. European Respiratory Journal, 1996, 9, 1344-1347.	6.7	85
53	Red Blood Cell and Endothelial eNOS Independently Regulate Circulating Nitric Oxide Metabolites and Blood Pressure. Circulation, 2021, 144, 870-889.	1.6	85
54	NADPH Oxidase in the Renal Microvasculature Is a Primary Target for Blood Pressure–Lowering Effects by Inorganic Nitrate and Nitrite. Hypertension, 2015, 65, 161-170.	2.7	83

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55	Decreased leukocyte recruitment by inorganic nitrate and nitrite in microvascular inflammation and NSAID-induced intestinal injury. Free Radical Biology and Medicine, 2012, 52, 683-692.	2.9	78
56	Inorganic nitrite stimulates pancreatic islet blood flow and insulin secretion. Free Radical Biology and Medicine, 2012, 53, 1017-1023.	2.9	74
57	Blood Pressure–Lowering Effect of Orally Ingested Nitrite Is Abolished by a Proton Pump Inhibitor. Hypertension, 2017, 69, 23-31.	2.7	74
58	Regulation of mitochondrial function and energetics by reactive nitrogen oxides. Free Radical Biology and Medicine, 2012, 53, 1919-1928.	2.9	73
59	Dietary nitrate reduces resting metabolic rate: a randomized, crossover study in humans. American Journal of Clinical Nutrition, 2014, 99, 843-850.	4.7	72
60	Inorganic nitrite attenuates NADPH oxidase-derived superoxide generation in activated macrophages via a nitric oxide-dependent mechanism. Free Radical Biology and Medicine, 2015, 83, 159-166.	2.9	69
61	AMP-activated protein kinase activation and NADPH oxidase inhibition by inorganic nitrate and nitrite prevent liver steatosis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 217-226.	7.1	68
62	Mitochondrial oxygen affinity predicts basal metabolic rate in humans. FASEB Journal, 2011, 25, 2843-2852.	0.5	67
63	Dietary inorganic nitrate mobilizes circulating angiogenic cells. Free Radical Biology and Medicine, 2012, 52, 1767-1772.	2.9	67
64	Dietary nitrate improves age-related hypertension and metabolic abnormalities in rats via modulation of angiotensin II receptor signaling and inhibition of superoxide generation. Free Radical Biology and Medicine, 2016, 99, 87-98.	2.9	67
65	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.	3.2	65
66	Interactions between cocoa flavanols and inorganic nitrate: Additive effects on endothelial function at achievable dietary amounts. Free Radical Biology and Medicine, 2015, 80, 121-128.	2.9	65
67	Profound differences between humans and rodents in the ability to concentrate salivary nitrate: Implications for translational research. Redox Biology, 2016, 10, 206-210.	9.0	65
68	Intragastric nitration by dietary nitrite: Implications for modulation of protein and lipid signaling. Free Radical Biology and Medicine, 2012, 52, 693-698.	2.9	64
69	Technology Insight: calprotectin, lactoferrin and nitric oxide as novel markers of inflammatory bowel disease. Nature Reviews Gastroenterology & Hepatology, 2005, 2, 96-102.	1.7	62
70	Association of Vegetable Nitrate Intake With Carotid Atherosclerosis and Ischemic Cerebrovascular Disease in Older Women. Stroke, 2017, 48, 1724-1729.	2.0	61
71	Enhanced XOR activity in eNOS-deficient mice. Free Radical Biology and Medicine, 2016, 99, 472-484.	2.9	60
72	Arginase Inhibition Improves Microvascular Endothelial Function in Patients With Type 2 Diabetes Mellitus. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 3952-3958.	3.6	60

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73	Local Arginase Inhibition during Early Reperfusion Mediates Cardioprotection via Increased Nitric Oxide Production. PLoS ONE, 2012, 7, e42038.	2.5	60
74	Nitric oxide and inflammation: The answer is blowing in the wind. Nature Medicine, 1997, 3, 30-31.	30.7	58
75	Gastrointestinal nitric oxide generation in germ-free and conventional rats. American Journal of Physiology - Renal Physiology, 2004, 287, G993-G997.	3.4	58
76	Preventive and therapeutic effects of nitrite supplementation in experimental inflammatory bowel disease. Redox Biology, 2014, 2, 73-81.	9.0	57
77	Dietary nitrate attenuates renal ischemia-reperfusion injuries by modulation of immune responses and reduction of oxidative stress. Redox Biology, 2017, 13, 320-330.	9.0	57
78	Intravesical Nitric Oxide Delivery for Prevention of Catheter-Associated Urinary Tract Infections. Antimicrobial Agents and Chemotherapy, 2005, 49, 2352-2355.	3.2	56
79	Effects of long-term dietary nitrate supplementation in mice. Redox Biology, 2015, 5, 234-242.	9.0	54
80	Dietary Nitrite in Nitric Oxide Biology: A Redox Interplay with Implications for Pathophysiology and Therapeutics. Current Drug Targets, 2011, 12, 1351-1363.	2.1	53
81	Nasal and oral contribution to inhaled and exhaled nitric oxide: a study in tracheotomized patients. European Respiratory Journal, 2002, 19, 859-864.	6.7	52
82	Intragastric generation of antimicrobial nitrogen oxides from saliva—Physiological and therapeutic considerations. Free Radical Biology and Medicine, 2006, 41, 1404-1412.	2.9	52
83	Effects of dietary nitrate supplementation, from beetroot juice, on blood pressure in hypertensive pregnant women: A randomised, double-blind, placebo-controlled feasibility trial. Nitric Oxide - Biology and Chemistry, 2018, 80, 37-44.	2.7	52
84	Elevated Exhaled Nitric Oxide in Allergen-Provoked Asthma Is Associated with Airway Epithelial iNOS. PLoS ONE, 2014, 9, e90018.	2.5	51
85	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. JACC Basic To Translational Science, 2018, 3, 450-463.	4.1	51
86	Decreased pulmonary vascular resistance during nasal breathing: modulation by endogenous nitric oxide from the paranasal sinuses. Acta Physiologica Scandinavica, 1998, 163, 235-239.	2.2	50
87	Humming, Nitric Oxide, and Paranasal Sinus Obstruction. JAMA - Journal of the American Medical Association, 2003, 289, 302.	7.4	49
88	Intragastric nitric oxide is abolished in intubated patients and restored by nitrite*. Critical Care Medicine, 2005, 33, 1722-1727.	0.9	46
89	Hexosylceramides as intrathecal markers of worsening disability in multiple sclerosis. Multiple Sclerosis Journal, 2015, 21, 1271-1279.	3.0	43
90	Hemoglobin β93 Cysteine Is Not Required for Export of Nitric Oxide Bioactivity From the Red Blood Cell. Circulation, 2019, 139, 2654-2663.	1.6	42

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91	The potent vasodilator ethyl nitrite is formed upon reaction of nitrite and ethanol under gastric conditions. Free Radical Biology and Medicine, 2008, 45, 404-412.	2.9	40
92	Nitrate transport in salivary glands with implications for NO homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13144-13145.	7.1	40
93	In adenosine A2B knockouts acute treatment with inorganic nitrate improves glucose disposal, oxidative stress, and AMPK signaling in the liver. Frontiers in Physiology, 2015, 6, 222.	2.8	39
94	Characterization of exhaled nitric oxide: introducing a new reproducible method for nasal nitric oxide measurements. European Respiratory Journal, 2000, 16, 236.	6.7	37
95	Enhanced xanthine oxidoreductase expression and tissue nitrate reduction in germ free mice. Nitric Oxide - Biology and Chemistry, 2010, 22, 191-195.	2.7	37
96	Nitrite-mediated reduction of macrophage NADPH oxidase activity is dependent on xanthine oxidoreductase-derived nitric oxide but independent of S-nitrosation. Redox Biology, 2016, 10, 119-127.	9.0	37
97	Rectal nitric oxide and fecal calprotectin in inflammatory bowel disease. Scandinavian Journal of Gastroenterology, 2007, 42, 1151-1157.	1.5	36
98	The biological role of nitrate and nitrite: The times they are a-changin'. Nitric Oxide - Biology and Chemistry, 2010, 22, 61-63.	2.7	36
99	Supplementation with nitrate and nitrite salts in exercise: a word of caution. Journal of Applied Physiology, 2011, 111, 616-617.	2.5	32
100	A randomized clinical trial of the effects of leafy green vegetables and inorganic nitrate on blood pressure. American Journal of Clinical Nutrition, 2020, 111, 749-756.	4.7	32
101	Control of pathogen growth and biofilm formation using a urinary catheter that releases antimicrobial nitrogen oxides. Free Radical Biology and Medicine, 2013, 65, 1257-1264.	2.9	31
102	Pepsin is nitrated in the rat stomach, acquiring antiulcerogenic activity: A novel interaction between dietary nitrate and gut proteins. Free Radical Biology and Medicine, 2013, 58, 26-34.	2.9	31
103	Modulation of mitochondria and NADPH oxidase function by the nitrate-nitrite-NO pathway in metabolic disease with focus on type 2 diabetes. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165811.	3.8	29
104	Nitrite reduction to nitric oxide in the vasculature. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H477-H478.	3.2	28
105	Nitrite-mediated renal vasodilatation is increased during ischemic conditions via cGMP-independent signaling. Free Radical Biology and Medicine, 2015, 84, 154-160.	2.9	28
106	Effects of antiseptic mouthwash on resting metabolic rate: A randomized, double-blind, crossover study. Nitric Oxide - Biology and Chemistry, 2016, 61, 38-44.	2.7	26
107	Nitric oxide-dependent biodegradation of graphene oxide reduces inflammation in the gastrointestinal tract. Nanoscale, 2020, 12, 16730-16737.	5.6	26
108	Dietary Nitrate Reduces Blood Pressure in Rats With Angiotensin II–Induced Hypertension via Mechanisms That Involve Reduction of Sympathetic Hyperactivity. Hypertension, 2019, 73, 839-848.	2.7	26

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109	Erythrocytes Induce Vascular Dysfunction in COVID-19. JACC Basic To Translational Science, 2022, 7, 193-204.	4.1	26
110	Physiological recycling of endogenous nitrate by oral bacteria regulates gastric mucus thickness. Free Radical Biology and Medicine, 2015, 89, 241-247.	2.9	25
111	Role of nitrite, urate and pepsin in the gastroprotective effects of saliva. Redox Biology, 2016, 8, 407-414.	9.0	25
112	Characterization of mammalian glutaredoxin isoforms as Sâ€denitrosylases. FEBS Letters, 2019, 593, 1799-1806.	2.8	25
113	Germâ€free mice are not protected against dietâ€induced obesity and metabolic dysfunction. Acta Physiologica, 2021, 231, e13581.	3.8	24
114	Effects of the neuropeptide Y Y2 receptor antagonist BIIE0246 on sympathetic transmitter release in the pig in vivo. Naunyn-Schmiedeberg's Archives of Pharmacology, 2002, 365, 106-111.	3.0	23
115	Dietary nitrate markedly improves voluntary running in mice. Physiology and Behavior, 2017, 168, 55-61.	2.1	23
116	The obligatory role of host microbiota in bioactivation of dietary nitrate. Free Radical Biology and Medicine, 2019, 145, 342-348.	2.9	23
117	Cardiovascular prevention by dietary nitrate and nitrite. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H1221-H1223.	3.2	22
118	Dietary nitrate improves cardiac contractility via enhanced cellular Ca2+ signaling. Basic Research in Cardiology, 2016, 111, 34.	5.9	22
119	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. Journal of Cardiac Failure, 2018, 24, 640-653.	1.7	22
120	Microbiota, diet and the generation of reactive nitrogen compounds. Free Radical Biology and Medicine, 2020, 161, 321-325.	2.9	21
121	Head-to-head comparison of inorganic nitrate and metformin in a mouse model of cardiometabolic disease. Nitric Oxide - Biology and Chemistry, 2020, 97, 48-56.	2.7	20
122	Control of human energy expenditure by cytochrome c oxidase subunit IV-2. American Journal of Physiology - Cell Physiology, 2016, 311, C452-C461.	4.6	18
123	Beetroot juice lowers blood pressure and improves endothelial function in pregnant eNOS <sup>â°'/â°'</sup> mice: importance of nitrateâ€independent effects. Journal of Physiology, 2020, 598, 4079-4092.	2.9	17
124	Increased plasma and salivary nitrite and decreased bronchial contribution to exhaled NO in pulmonary arterial hypertension. European Journal of Clinical Investigation, 2011, 41, 889-897.	3.4	16
125	Ultrasound contrast agent loaded with nitric oxide as a theranostic microdevice. Drug Design, Development and Therapy, 2015, 9, 2409.	4.3	16
126	Nitric oxide generation by the organic nitrate NDBP attenuates oxidative stress and angiotensin Ilâ€mediated hypertension. British Journal of Pharmacology, 2016, 173, 2290-2302.	5.4	16

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127	Inhibition of Cancer Cell Replication by Inorganic Nitrite. Nutrition and Cancer, 2010, 62, 501-504.	2.0	14
128	The fraction of NO in exhaled air and estimates of alveolar NO in adolescents with asthma: Methodological aspects. Pediatric Pulmonology, 2012, 47, 941-949.	2.0	14
129	Eliminating paranasal sinus resonance and its effects on acoustic properties of the nasal tract. Logopedics Phoniatrics Vocology, 2016, 41, 33-40.	1.0	14
130	Dietary nitrite extends lifespan and prevents age-related locomotor decline in the fruit fly. Free Radical Biology and Medicine, 2020, 160, 860-870.	2.9	13
131	Renovascular effects of inorganic nitrate following ischemia-reperfusion of the kidney. Redox Biology, 2021, 39, 101836.	9.0	13
132	Synthesis and characterization of a novel organic nitrate NDHP: Role of xanthine oxidoreductase-mediated nitric oxide formation. Redox Biology, 2017, 13, 163-169.	9.0	12
133	The novel organic mononitrate NDHP attenuates hypertension and endothelial dysfunction in hypertensive rats. Redox Biology, 2018, 15, 182-191.	9.0	12
134	The roles of tissue nitrate reductase activity and myoglobin in securing nitric oxide availability in deeply hypoxic crucian carp. Journal of Experimental Biology, 2016, 219, 3875-3883.	1.7	11
135	Effects of dietary inorganic nitrate on static and dynamic breath-holding in humans. Respiratory Physiology and Neurobiology, 2013, 185, 339-348.	1.6	10
136	Red blood cells from patients with pre-eclampsia induce endothelial dysfunction. Journal of Hypertension, 2021, 39, 1628-1641.	0.5	10
137	Inorganic nitrate and nitrite ameliorate kidney fibrosis by restoring lipid metabolism via dual regulation of AMP-activated protein kinase and the AKT-PGC1α pathway. Redox Biology, 2022, 51, 102266.	9.0	10
138	Plasma nitrate/nitrite removal by peritoneal dialysis might predispose infants with low blood pressure to cerebral ischaemia. CKJ: Clinical Kidney Journal, 2015, 8, 215-218.	2.9	9
139	Acute Purulent Sinusitis Triggered by Topical Nasal Nitric Oxide Synthase Inhibition. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 512-513.	5.6	9
140	Metabolism and Pathways for Denitration of Organic Nitrates in the Human Liver. Journal of Pharmacology and Experimental Therapeutics, 2013, 346, 96-104.	2.5	8
141	Dynamic regulation of metabolic efficiency explains tolerance to acute hypoxia in humans. FASEB Journal, 2014, 28, 4303-4311.	0.5	8
142	Peritoneal dialysis impairs nitric oxide homeostasis and may predispose infants with low systolic blood pressure to cerebral ischemia. Nitric Oxide - Biology and Chemistry, 2016, 58, 1-9.	2.7	8
143	Nitric Oxide Formation From Inorganic Nitrate. , 2017, , 157-171.		8
144	Renal handling of nitrate in women and men with elevated blood pressure. Acta Physiologica, 2021, 232, e13637.	3.8	8

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145	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.	3.4	8
146	The Nitrate–Nitrite–Nitric Oxide Pathway in Mammals. , 2011, , 21-48.		8
147	Symbiotic bacteria enhance exercise performance. British Journal of Sports Medicine, 2021, 55, 243-243.	6.7	8
148	Effects of chronic dietary nitrate supplementation on longevity, vascular function and cancer incidence in rats. Redox Biology, 2021, 48, 102209.	9.0	8
149	Letter by Montenegro and Lundberg Regarding Article, "Unexpected Effect of Proton Pump Inhibitors: Elevation of the Cardiovascular Risk Factor Asymmetric Dimethylarginine― Circulation, 2014, 129, e426.	1.6	7
150	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.	4.1	7
151	Downsides to the nitrate–nitrite–nitric oxide pathway in physiology and therapeutics? Reply from Lundberg, Weitzberg and Gladwin. Nature Reviews Drug Discovery, 2008, 7, 710-710.	46.4	6
152	Intestinal Hydrogen and Nitric Oxide Gases in Preterm Infants – Effects of Antibiotic Therapy. Neonatology, 2009, 95, 68-73.	2.0	6
153	Dietary nitrate – a slow train coming. Journal of Physiology, 2011, 589, 5333-5334.	2.9	6
154	"Removal of nitrate and nitrite by hemodialysis in end-stage renal disease and by sustained low-efficiency dialysis in acute kidney injury― Nitric Oxide - Biology and Chemistry, 2020, 98, 33-40.	2.7	6
155	Nitric Oxide Formation from Inorganic Nitrate and Nitrite. , 2010, , 539-553.		5
156	Elevated nitric oxide in recurrent vulvovaginal candidiasis – association with clinical findings. Acta Obstetricia Et Gynecologica Scandinavica, 2017, 96, 295-301.	2.8	5
157	Vascular biotransformation of organic nitrates is independent of cytochrome P450 monooxygenases. British Journal of Pharmacology, 2021, 178, 1495-1506.	5.4	5
158	Nostril widening improves arterial oxygenation: a role for nasal nitric oxide?. Respiratory Medicine, 1999, 93, 134-135.	2.9	4
159	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.	2.7	4
160	Downregulation of eNOS and preserved endothelial function in endothelial-specific arginase 1-deficient mice. Nitric Oxide - Biology and Chemistry, 2022, , .	2.7	4
161	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― Circulation, 2016, 134, e77-8.	1.6	3
162	Dietary flavonoids and circulating concentrations of nitrate, nitrite, and S-nitrosothiols. American Journal of Clinical Nutrition, 2009, 89, 652-652.	4.7	2

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163	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.	4.1	2
164	Extrapulmonary effects of nitric oxide inhalation therapy: time to consider new dosing regimes?. Critical Care, 2008, 12, 406.	5.8	1
165	Rectal NO and fecal calprotectin in IBD. Scandinavian Journal of Gastroenterology, 2009, 44, 128-128.	1.5	1
166	Cardiovascular characterization of the novel organic mononitrate NDIBP in rats. Nitric Oxide - Biology and Chemistry, 2022, 119, 50-60.	2.7	1
167	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.	3.8	0
168	Gastroprotective effects of salivary urate?A commentary on "Salivary uric acid at the acidic pH of the stomach is the principal defense against nitrite-derived reactive species: Sparing effects of chlorogenic acid and serum albumin― Free Radical Biology and Medicine, 2006, 41, 1747-1749.	2.9	0
169	Direct measurement of nitric oxide (NO) in the gastrointestinal tract of cod (Gadus morhua). Microbial Ecology in Health and Disease, 2009, 21, 175-177.	3.5	0
170	Response by Lundberg et al to Letter Regarding Article, "Hemoglobin β93 Cysteine Is Not Required for Export of Nitric Oxide Bioactivity From the Red Blood Cell― Circulation, 2019, 140, e760-e761.	1.6	0
171	Longitudinal variability in mortality predicts COVID-19 deaths. European Journal of Epidemiology, 2021, 36, 599-603.	5.7	0
172	Inorganic nitrite attenuates Ang Ilâ€mediated contraction of renal arterioles via xanthine oxidaseâ€dependent generation of nitric oxide. FASEB Journal, 2011, 25, .	0.5	0
173	Dietary nitrate dramatically increases force in mouse skeletal muscle. FASEB Journal, 2012, 26, 1078.2.	0.5	0
174	Baseline plasma cGMP levels correlates with breath hold capacity in competitive breath hold divers. FASEB Journal, 2012, 26, 1082.8.	0.5	0
175	Dietary nitrate and mitochondrial efficiency in humans. American Journal of Clinical Nutrition, 2020, 111, 486.	4.7	0