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Plasma nitrite concentrations reflect the degree of endothelial dysfunction in humans

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#	Paper	IF	Citations
316	High serum nitric oxide levels in patients with severe leptospirosis. 2006 , 100, 256-60		27
315	Nitrite, a naturally occurring precursor of nitric oxide that acts like a 'prodrug'. 2006 , 387, 499-506		48
314	Relationship between systemic nitric oxide metabolites and cyclic GMP in healthy male volunteers. 2006 , 188, 123-7		59
313	Clinical evidence for lead-induced inhibition of nitric oxide formation. 2006 , 80, 811-6		33
312	eNOS gene T-786C polymorphism modulates atorvastatin-induced increase in blood nitrite. <i>Free Radical Biology and Medicine</i> , 2006 , 41, 1044-9	7.8	68
311	Nitrite in nitric oxide biology: cause or consequence? A systems-based review. <i>Free Radical Biology and Medicine</i> , 2006 , 41, 691-701	7.8	194
310	A pharmacogenomic study of atorvastatin effects on eNOS activity: do "statins" modulate blood nitrite levels and intravascular oxidant stress in susceptible individuals?. <i>Free Radical Biology and Medicine</i> , 2006 , 41, 1041-3	7.8	1
309	Oxidative-stress-mediated arterial dysfunction in patients with peripheral arterial disease. 2007 , 28, 608-12		89
308	The L-arginine nitric oxide pathway: avenue for a multiple-level approach to assess vascular function. 2006 , 387, 1347-9		16
307	Dietary nitrite supplementation protects against myocardial ischemia-reperfusion injury. 2007 , 104, 19144-9		267
306	Imbalance between endothelium-derived relaxing and contracting factors in mesenteric arteries from aged OLETF rats, a model of Type 2 diabetes. 2007 , 293, H1480-90		84
305	Role of the anion nitrite in ischemia-reperfusion cytoprotection and therapeutics. 2007 , 75, 327-38		160
304	Nitric oxide synthase-derived plasma nitrite predicts exercise capacity. 2007 , 41, 669-73; discussion 673		69
303	Commentary on Nitric oxide synthase-derived plasma nitrite predicts exercise capacity Nitric oxide synthase-derived plasma nitrite predicts exercise capacity 2007 , 41, 673-673		78
302	Developmental changes in the L-arginine/nitric oxide pathway from infancy to adulthood: plasma asymmetric dimethylarginine levels decrease with age. 2007 , 45, 1525-30		43
301	In vitro and in vivo kinetic handling of nitrite in blood: effects of varying hemoglobin oxygen saturation. 2007 , 293, H1508-17		33
300	Nitrite infusion in humans and nonhuman primates: endocrine effects, pharmacokinetics, and tolerance formation. 2007 , 116, 1821-31		280

299	Reduced Plasma Nitric Oxide End Products in Cocaine-dependent Men. 2007 , 1, 96-103		3
298	Inhaled nitric oxide attenuates reperfusion inflammatory responses in humans. 2007 , 106, 275-82		64
297	Sustained increase in flow-mediated dilation after daily intake of high-flavanol cocoa drink over 1 week. 2007 , 49, 74-80		162
296	Endothelial nitric oxide production is tightly coupled to the citrulline-NO cycle. <i>Nitric Oxide - Biology and Chemistry</i> , 2007 , 17, 115-21	5	85
295	Analysis of nitrite and nitrate in biological samples using high-performance liquid chromatography. 2007 , 851, 71-82		119
294	Analysis of nitrite and nitrate in biological fluids by assays based on the Griess reaction: appraisal of the Griess reaction in the L-arginine/nitric oxide area of research. 2007 , 851, 51-70		451
293	Recent methodological advances in the analysis of nitrite in the human circulation: nitrite as a biochemical parameter of the L-arginine/NO pathway. 2007 , 851, 106-23		81
292	Systemic plasma levels of nitrite/nitrate (NOx) reflect brachial flow-mediated dilation responses in young men and women. 2007 , 34, 1291-3		35
291	Mechanisms underlying the chronic pioglitazone treatment-induced improvement in the impaired endothelium-dependent relaxation seen in aortas from diabetic rats. <i>Free Radical Biology and Medicine</i> , 2007 , 42, 993-1007	7.8	65
290	Modulation of nitric oxide formation by endothelial nitric oxide synthase gene haplotypes. <i>Free Radical Biology and Medicine</i> , 2007 , 43, 987-92	7.8	92
289	Age-dependent endothelial dysfunction is associated with failure to increase plasma nitrite in response to exercise. 2008 , 103, 291-7		71
288	The nitrate-nitrite-nitric oxide pathway in physiology and therapeutics. 2008 , 7, 156-67		1705
287	Metabolic syndrome and dyslipidemia in youth. 2008 , 2, 147-55		5
286	The prevention of endothelial dysfunction through endothelial cell apoptosis inhibition in a hypercholesterolemic rabbit model: the effect of L-arginine supplementation. 2008 , 7, 27		7
285	Reductive gas-phase chemiluminescence and flow injection analysis for measurement of the nitric oxide pool in biological matrices. 2008 , 441, 295-315		32
284	Bioengineering in Cell and Tissue Research. 2008 ,		5
283	NO detection in biological samples: differentiation of ¹⁴ N ₂ O and ¹⁵ N ₂ O using infrared laser spectroscopy. <i>Nitric Oxide - Biology and Chemistry</i> , 2008 , 19, 50-6	5	10
282	Enhanced concentrations of relevant markers of nitric oxide formation after exercise training in patients with metabolic syndrome. <i>Nitric Oxide - Biology and Chemistry</i> , 2008 , 19, 345-50	5	53

281	Inverse relationship between markers of nitric oxide formation and plasma matrix metalloproteinase-9 levels in healthy volunteers. 2008 , 394, 72-6	32
280	Preserving vessel function during ischemic disease: new possibilities of inorganic nitrite therapy. 2008 , 6, 1175-9	12
279	Endothelial dysfunction: from molecular mechanisms to measurement, clinical implications, and therapeutic opportunities. 2008 , 10, 1631-74	131
278	Metformin normalizes endothelial function by suppressing vasoconstrictor prostanoids in mesenteric arteries from OLETF rats, a model of type 2 diabetes. 2008 , 295, H1165-H1176	97
277	Nitric oxide formation is inversely related to serum levels of antiangiogenic factors soluble fms-like tyrosine kinase-1 and soluble endogline in preeclampsia. 2008 , 52, 402-7	128
276	Quantifying nanomolar levels of nitrite in biological samples by HPLC-Griess method: special reference to arterio-venous difference in vivo. 2008 , 215, 1-11	12
275	Metabolic and hemodynamic markers of endothelial dysfunction in patients with hypertension and patients with type 2 diabetes during the cold pressor test. 2008 , 15, 389-96	8
274	Human cerebral arteriovenous vasoactive exchange during alterations in arterial blood gases. 2008 , 105, 1060-8	53
273	. 2009 ,	32
272	Cardioprotective actions of nitrite therapy and dietary considerations. 2009 , 14, 4793-808	28
271	Eicosapentaenoic acid improves imbalance between vasodilator and vasoconstrictor actions of endothelium-derived factors in mesenteric arteries from rats at chronic stage of type 2 diabetes. 2009 , 329, 324-34	79
270	Nitrite therapy after cardiac arrest reduces reactive oxygen species generation, improves cardiac and neurological function, and enhances survival via reversible inhibition of mitochondrial complex I. 2009 , 120, 897-905	138
269	Rapeseed protein in a high-fat mixed meal alleviates postprandial systemic and vascular oxidative stress and prevents vascular endothelial dysfunction in healthy rats. 2009 , 139, 1660-6	25
268	Increased nitrite reductase activity of fetal versus adult ovine hemoglobin. 2009 , 296, H237-46	24
267	Effect of cardiorespiratory fitness on vascular regulation and oxidative stress in postmenopausal women. 2009 , 54, 1014-20	69
266	Emerging role of nitrite in myocardial protection. 2009 , 32, 1127-38	23
265	Assessment of vascular effects of tamoxifen and its metabolites on the rat perfused hindquarter vascular bed. 2009 , 104, 400-7	16
264	Environmental exposure to methylmercury is associated with a decrease in nitric oxide production. 2010 , 106, 411-5	16

263 Nitric Oxide Regulation in Redox Signaling. 271-291

262 Plasma nitrite response and arterial reactivity differentiate vascular health and performance. *Nitric Oxide - Biology and Chemistry*, **2009**, 20, 231-7 5 60

261 Dietary sources of nitrite as a modulator of ischemia/reperfusion injury. **2009**, 75, 1140-1144 13

260 Acute ingestion of a novel whey-derived peptide improves vascular endothelial responses in healthy individuals: a randomized, placebo controlled trial. **2009**, 8, 34 66

259 The relationship of oxidative stress and cholesterol with dipping status before and after aerobic exercise training. **2009**, 18, 171-9 6

258 Evaluation of the antioxidant properties of N-acetylcysteine in human platelets: prerequisite for bioconversion to glutathione for antioxidant and antiplatelet activity. **2009**, 54, 319-26 37

257 Pyrrolidine dithiocarbamate reduces vascular prostanoid-induced responses in aged type 2 diabetic rat model. **2009**, 110, 326-33 19

256 Myocardial protection by nitrite. **2009**, 83, 195-203 63

255 Arteriovenous differences in NO₂- kinetics in anesthetized rabbits. **2009**, 32, 399-404 5

254 Glycemic variability in critical illness and the end of Chapter 1. **2010**, 38, 1206-8 28

253 Nitrite as a physiological source of nitric oxide and a signalling molecule in the regulation of the cardiovascular system in both mammalian and non-mammalian vertebrates. **2010**, 5, 91-6 6

252 Replacement of intravascular catheters to prevent infection: evidence still missing while the question may become irrelevant. **2010**, 38, 1208-9 1

251 Shedding light on new methods to improve hospital cleanliness: the use of ultraviolet monitors as surrogate markers for bacterial contamination. **2010**, 38, 1212-4 9

250 Should we look after the brain to protect kidney function in deceased donor renal transplant?. **2010**, 38, 1222-3

249 Does recombinant activated protein C work in patients with severe sepsis?. **2010**, 38, 1217-20 3

248 Antibiotics in sepsis and septic shock: like everything else in life, timing is everything. **2010**, 38, 1211-2 21

247 Testing the tube: assessing silver as a potential "silver bullet" for preventing ventilator-associated pneumonia. **2010**, 38, 1220-1 2

246 Nitrates and nitrites in the treatment of ischemic cardiac disease. **2010**, 18, 190-7 74

245	Reduced arteriovenous nitrite gradients associated with sepsis. 2010 , 38, 1214-5	1
244	Haemodynamical variables versus endothelial hormones in hypertensive and type 2 diabetic patients with endothelial dysfunction. 2010 , 17, 306-19	0
243	The leadership vacuum in resuscitative medicine. 2010 , 38, 1216-7	9
242	Intratracheal siRNA for the in vivo silencing of caspase-3: a novel therapy for acute lung injury?. 2010 , 38, 1223-4	1
241	Surviving sepsis: something doing by doing something. 2010 , 38, 1209-10	
240	Quercetin restores plasma nitrite and nitroso species levels in renovascular hypertension. 2010 , 382, 293-301	36
239	Effects of chronic cigarette smoking on endothelial function in young men. 2010 , 56, 307-13	28
238	Redox modulation of the fetal cardiovascular defence to hypoxaemia. 2010 , 588, 4235-47	49
237	Nitric Oxide Formation from Inorganic Nitrate and Nitrite. 2010 , 539-553	4
236	Inorganic nitrate and the cardiovascular system. 2010 , 96, 1703-9	57
235	Vitamin C inhibits NO-induced stabilization of HIF-1alpha in HUVECs. 2010 , 44, 783-91	4
234	Clinical relevance of nitric oxide metabolites and nitrate stress in thrombotic primary antiphospholipid syndrome. 2010 , 37, 2523-30	35
233	Red and processed meat consumption and risk of incident coronary heart disease, stroke, and diabetes mellitus: a systematic review and meta-analysis. 2010 , 121, 2271-83	833
232	NO-synthase independent NO generation in mammals. 2010 , 396, 39-45	126
231	Interethnic differences in ADMA concentrations and negative association with nitric oxide formation in preeclampsia. 2010 , 411, 1457-60	28
230	Short-term angiotensin-1 receptor antagonism in type 2 diabetic Goto-Kakizaki rats normalizes endothelin-1-induced mesenteric artery contraction. 2010 , 31, 609-17	15
229	Dietary nitrate--good or bad?. <i>Nitric Oxide - Biology and Chemistry</i> , 2010 , 22, 104-9	5 90
228	Red meat consumption and risk of type 2 diabetes: 3 cohorts of US adults and an updated meta-analysis. 2011 , 94, 1088-96	447

227	Application of nitric oxide in drug discovery and development. 2011 , 6, 1139-54		15
226	Nitrite and Nitrate in Human Health and Disease. 2011 ,		32
225	Towards nitric oxide based diagnostics: call to action. 2011 , 17, 614-6		5
224	All-natural nitrite and nitrate containing dietary supplement promotes nitric oxide production and reduces triglycerides in humans. 2011 , 31, 262-9		71
223	Plasma nitrate levels and flow-mediated vasodilation in untreated major depression. 2011 , 73, 344-9		28
222	Augmented skeletal muscle hyperaemia during hypoxic exercise in humans is blunted by combined inhibition of nitric oxide and vasodilating prostaglandins. 2011 , 589, 3671-83		42
221	Pulmonary arterial systolic pressure and susceptibility to high altitude pulmonary edema. 2011 , 179, 294-9		6
220	Sodium nitrite downregulates vascular NADPH oxidase and exerts antihypertensive effects in hypertension. <i>Free Radical Biology and Medicine</i> , 2011 , 51, 144-52	7.8	110
219	Measurement of in vivo nitric oxide synthesis in humans using stable isotopic methods: a systematic review. <i>Free Radical Biology and Medicine</i> , 2011 , 51, 795-804	7.8	33
218	Antihypertensive effects exerted by enalapril in mild to moderate hypertension are not associated with changes in the circulating levels of nitric oxide-related markers. 2011 , 67, 365-370		17
217	Determination of the effects of eNOS gene polymorphisms (T-786C and Glu298Asp) on nitric oxide levels in a methylmercury-exposed population. 2011 , 74, 1323-33		12
216	Radiation as a risk factor for cardiovascular disease. 2011 , 15, 1945-56		85
215	Chronic inflammatory disorders and their redox control: from molecular mechanisms to therapeutic opportunities. 2011 , 15, 2605-41		110
214	The association between circulating angiotensin-converting enzyme and cardiovascular risk in the elderly: a cross-sectional study. 2011 , 12, 281-9		18
213	Inorganic nitrite and chronic tissue ischaemia: a novel therapeutic modality for peripheral vascular diseases. 2011 , 89, 533-41		28
212	Nitric oxide influences red blood cell velocity independently of changes in the vascular tone. 2011 , 45, 653-61		25
211	Endothelial nitric oxide synthase gene haplotypes affect nitrite levels in black subjects. 2011 , 11, 393-9		36
210	Endothelial ischemia-reperfusion injury in humans: association with age and habitual exercise. 2011 , 300, H813-9		31

209	Salivary nitric oxide and alpha-amylase as indexes of training intensity and load. 2013 , 34, 8-13		17
208	Natural product nitric oxide chemistry: new activity of old medicines. 2012 , 2012, 873210		12
207	Vascular function and the role of oxidative stress in heart failure, heart transplant, and beyond. 2012 , 60, 659-68		30
206	Epoxyeicosatrienoic acids contribute with altered nitric oxide and endothelin-1 pathways to conduit artery endothelial dysfunction in essential hypertension. 2012 , 125, 1266-75		56
205	Transfusion of stored autologous blood does not alter reactive hyperemia index in healthy volunteers. 2012 , 117, 56-63		32
204	Red meat consumption and mortality: results from 2 prospective cohort studies. 2012 , 172, 555-63		471
203	Nitrate reductase activity of bacteria in saliva of term and preterm infants. <i>Nitric Oxide - Biology and Chemistry</i> , 2012 , 27, 193-200	5	22
202	Effect of chronic sodium nitrite therapy on monocrotaline-induced pulmonary hypertension. <i>Nitric Oxide - Biology and Chemistry</i> , 2012 , 27, 1-8	5	28
201	Single-dose pharmacokinetics of different oral sodium nitrite formulations in diabetes patients. 2012 , 14, 552-60		35
200	Sodium nitrite protects against kidney injury induced by brain death and improves post-transplant function. 2012 , 82, 304-13		23
199	Nitric oxide and pro-inflammatory cytokine serum levels in postmenopausal women with the metabolic syndrome. 2012 , 28, 787-91		18
198	Nitrate causes a dose-dependent augmentation of nitric oxide status in healthy women. 2012 , 3, 522-7		19
197	Concentration- and stage-specific effects of nitrite on colon cancer cell lines. <i>Nitric Oxide - Biology and Chemistry</i> , 2012 , 26, 267-73	5	13
196	Cigarette smoke and LDL cooperate in reducing nitric oxide bioavailability in endothelial cells via effects on both eNOS and NADPH oxidase. <i>Nitric Oxide - Biology and Chemistry</i> , 2012 , 27, 176-84	5	34
195	Increase in gastric pH reduces hypotensive effect of oral sodium nitrite in rats. <i>Free Radical Biology and Medicine</i> , 2012 , 53, 701-9	7.8	60
194	Sodium nitrite: the "cure" for nitric oxide insufficiency. 2012 , 92, 274-9		81
193	Unprocessed red and processed meats and risk of coronary artery disease and type 2 diabetes--an updated review of the evidence. 2012 , 14, 515-24		299
192	Nitric oxide and geriatrics: Implications in diagnostics and treatment of the elderly. 2011 , 8, 230-42		39

191	Flavonoid-rich apples and nitrate-rich spinach augment nitric oxide status and improve endothelial function in healthy men and women: a randomized controlled trial. <i>Free Radical Biology and Medicine</i> , 2012 , 52, 95-102	7.8	186
190	Effect of β -thalassaemia on exercise-induced oxidative stress in sickle cell trait. 2012 , 205, 541-50		9
189	Intron 4 polymorphism of the endothelial nitric oxide synthase (eNOS) gene is associated with decreased NO production in a mercury-exposed population. 2012 , 414, 708-12		15
188	Endogenous nitric oxide formation correlates negatively with circulating matrix metalloproteinase (MMP)-2 and MMP-9 levels in black subjects. 2012 , 360, 393-9		11
187	Vascular effects of dietary nitrate (as found in green leafy vegetables and beetroot) via the nitrate-nitrite-nitric oxide pathway. 2013 , 75, 677-96		185
186	Adiponectin associates positively with nitrite levels in children and adolescents. 2013 , 37, 740-3		6
185	Acute effects of hemodialysis on nitrite and nitrate: potential cardiovascular implications in dialysis patients. <i>Free Radical Biology and Medicine</i> , 2013 , 58, 46-51	7.8	21
184	Atorvastatin and sildenafil lower blood pressure and improve endothelial dysfunction, but only atorvastatin increases vascular stores of nitric oxide in hypertension. <i>Redox Biology</i> , 2013 , 1, 578-85	11.3	28
183	Effects of endothelial nitric oxide synthase tagSNPs haplotypes on nitrite levels in black subjects. <i>Nitric Oxide - Biology and Chemistry</i> , 2013 , 28, 33-8	5	15
182	The Role of Nitrate in Human Health. 2013 , 119, 153-182		29
181	Plasma free H ₂ S levels are elevated in patients with cardiovascular disease. 2013 , 2, e000387		56
180	Maternal flow-mediated dilation and nitrite concentration during third trimester of pregnancy and postpartum period. 2013 , 32, 225-34		7
179	Nitric oxide deficiency in pulmonary hypertension: Pathobiology and implications for therapy. 2013 , 3, 20-30		57
178	RBC-NOS-dependent S-nitrosylation of cytoskeletal proteins improves RBC deformability. 2013 , 8, e56759		106
177	Nitric oxide synthetic pathway in patients with microvascular angina and its relations with oxidative stress. 2014 , 2014, 726539		13
176	Oxidative status imbalance in patients with metabolic syndrome: role of the myeloperoxidase/hydrogen peroxide axis. 2014 , 2014, 898501		13
175	Can eating red meat increase the risk of developing Type 2 diabetes?. 2014 , 4, 1-4		2
174	In Vivo Imaging of Nitric Oxide by Magnetic Resonance Imaging Techniques. 2014 , 2014, 1-13		7

173	Heme, an essential nutrient from dietary proteins, critically impacts diverse physiological and pathological processes. 2014 , 6, 1080-102		101
172	Significant Alteration of Nitrogen Species in Acute Myocardial Infarction Does Not Relate to The Site of Infarction. 2014 , 11,		
171	Depletion of circulating blood NOS3 increases severity of myocardial infarction and left ventricular dysfunction. 2014 , 109, 398		38
170	Nitrite reduction and cardiovascular protection. 2014 , 73, 57-69		77
169	New perspectives of nitric oxide donors in cardiac arrest and cardiopulmonary resuscitation treatment. 2014 , 19, 383-90		12
168	The role of red and processed meat in colorectal cancer development: a perspective. 2014 , 97, 583-96		118
167	Consumption of both low and high (-)-epicatechin apple puree attenuates platelet reactivity and increases plasma concentrations of nitric oxide metabolites: a randomized controlled trial. 2014 , 559, 29-37		23
166	The dual effects of nitrite on hemoglobin-dependent redox reactions. <i>Nitric Oxide - Biology and Chemistry</i> , 2014 , 40, 1-9	5	9
165	Mg supplementation protects against ritonavir-mediated endothelial oxidative stress and hepatic eNOS downregulation. <i>Free Radical Biology and Medicine</i> , 2014 , 69, 77-85	7.8	10
164	Dietary nitrate supplementation improves reaction time in type 2 diabetes: development and application of a novel nitrate-depleted beetroot juice placebo. <i>Nitric Oxide - Biology and Chemistry</i> , 2014 , 40, 67-74	5	93
163	Effects of acute and chronic boysenberry intake on blood pressure and endothelial function in spontaneous hypertensive rats. 2014 , 60, 43-51		4
162	Syndecan-1 in Acute Decompensated Heart Failure--Association With Renal Function and Mortality. 2015 , 79, 1511-9		52
161	Interaction between the Haptoglobin 2 Phenotype and Diabetes Mellitus on Systolic Pulmonary Arterial Pressure and Nitric Oxide Bioavailability in Hemodialysis Patients. 2015 , 2015, 613860		8
160	Mediterranean Dietary Patterns and Cardiovascular Health. 2015 , 35, 425-49		88
159	Left ventricular diastolic dysfunction in Nrf2 knock out mice is associated with cardiac hypertrophy, decreased expression of SERCA2a, and preserved endothelial function. <i>Free Radical Biology and Medicine</i> , 2015 , 89, 906-17	7.8	64
158	Circulating and excretory nitrite and nitrate: their value as measures of nitric oxide synthesis, bioavailability and activity is inherently limited. <i>Nitric Oxide - Biology and Chemistry</i> , 2015 , 45, 1-3	5	31
157	Dietary supplementation with sodium nitrite can exert neuroprotective effects on global cerebral ischemia/reperfusion in mice. 2015 , 29, 609-17		2
156	Nitrite attenuated hypochlorous acid-mediated heme degradation in hemoglobin. 2015 , 238, 25-32		3

155	The relationship between plasma and salivary NOx. <i>Nitric Oxide - Biology and Chemistry</i> , 2015 , 47, 85-90	5	17
154	Inorganic nitrite and nitrate: evidence to support consideration as dietary nutrients. 2015 , 35, 643-54		74
153	The cytoprotective effect of nitrite is based on the formation of dinitrosyl iron complexes. <i>Free Radical Biology and Medicine</i> , 2015 , 89, 300-10	7.8	16
152	Validation of a method to directly and specifically measure nitrite in biological matrices. <i>Nitric Oxide - Biology and Chemistry</i> , 2015 , 45, 54-64	5	8
151	Development of a cloud point extraction and spectrophotometry-based microplate method for the determination of nitrite in human urine and blood. 2015 , 136 Pt B, 802-7		19
150	Inorganic Nitrite as a Potential Therapy or Biomarker for Concussion. 2016 , 07,		
149	Genetic Deletion of ACE2 Induces Vascular Dysfunction in C57BL/6 Mice: Role of Nitric Oxide Imbalance and Oxidative Stress. 2016 , 11, e0150255		45
148	Dietary nitrate decreased blood pressure in obstructive sleep apnoea syndrome: a series of N-of-1 trials. 2016 , 34, 808-10		3
147	Flavanone-rich citrus beverages counteract the transient decline in postprandial endothelial function in humans: a randomised, controlled, double-masked, cross-over intervention study. 2016 , 116, 1999-2010		26
146	Chronic depression symptoms and salivary NOx are associated with retinal vascular dysregulation: The SABPA study. <i>Nitric Oxide - Biology and Chemistry</i> , 2016 , 55-56, 10-7	5	18
145	Red and processed meat consumption and mortality: dose-response meta-analysis of prospective cohort studies. 2016 , 19, 893-905		220
144	Exposure to fipronil elevates systolic blood pressure and disturbs related biomarkers in plasma of rats. 2016 , 42, 63-8		9
143	Determination of Nitrite in Whole Blood by High-Performance Liquid Chromatography with Electrochemical Detection and a Case of Nitrite Poisoning. 2016 , 61, 254-8		13
142	Chemometric approach to the optimisation of LC-FL and GC-MS methods for the determination of nitrite and nitrate in some biological, food and environmental samples. 2016 , 96, 636-652		4
141	Microbiota and the nitrogen cycle: Implications in the development and progression of CVD and CKD. <i>Nitric Oxide - Biology and Chemistry</i> , 2016 , 57, 64-70	5	16
140	NO synthesis from arginine is favored by linolenic acid in mice fed a high-fat diet. 2016 , 48, 2157-68		4
139	Therapeutic effects of inorganic nitrate and nitrite in cardiovascular and metabolic diseases. 2016 , 279, 315-36		111
138	Measurement of Reactive Oxygen Species, Reactive Nitrogen Species, and Redox-Dependent Signaling in the Cardiovascular System: A Scientific Statement From the American Heart Association. 2016 , 119, e39-75		214

- 137 Seven-day/24-h ambulatory blood pressure monitoring: night-time blood pressure and dipping status. **2016**, 34, 807
- 136 Biochemical biomarkers are not dependent on physical exercise in patients with spinal cord injury. **2016**, 6, 5-11 2
- 135 Stable isotope-assisted LC-MS/MS monitoring of glyceryl trinitrate bioactivation in a cell culture model of nitrate tolerance. **2016**, 1019, 156-63 8
- 134 Dietary Nitrate, Nitric Oxide, and Cardiovascular Health. **2016**, 56, 2036-52 53
- 133 New Therapeutic Agents in Thrombosis and Thrombolysis. **2016**, 6
- 132 Fetal-maternal nitrite exchange in sheep: Experimental data, a computational model and an estimate of placental nitrite permeability. **2016**, 38, 67-75 2
- 131 Nitrite attenuated peroxynitrite and hypochlorite generation in activated neutrophils. **2016**, 775, 50-6 16
- 130 Assessment of nitrite oxide and maternal-fetal Doppler parameters during pregnancy. **2016**, 29, 3406-9
- 129 Skeletal Muscle Vascular Control During Exercise: Impact of Nitrite Infusion During Nitric Oxide Synthase Inhibition in Healthy Rats. **2016**, 21, 201-8 19
- 128 Endothelial nitric oxide synthase: From biochemistry and gene structure to clinical implications of NOS3 polymorphisms. **2016**, 575, 584-99 66
- 127 Nitric oxide metabolites, nitrative stress, and paraoxonase activity in hepatopulmonary syndrome. **2016**, 51, 73-7 6
- 126 Effects of a single bout of strenuous exercise on platelet activation in female ApoE/LDLR mice. **2017**, 28, 657-667 11
- 125 Remote ischaemic preconditioning suppresses endogenous plasma nitrite during ischaemia-reperfusion: a randomized controlled crossover pilot study. **2017**, 83, 1416-1423 6
- 124 Nitric Oxide Signaling in Health and Disease. **2017**, 165-178 2
- 123 Nitrite and Nitrate in IschemiaReperfusion Injury. **2017**, 217-234
- 122 Nitrite and Nitrate as a Treatment for Hypertension. **2017**, 235-258
- 121 Comprehensive analysis of the L-arginine/L-homoarginine/nitric oxide pathway in preterm neonates: potential roles for homoarginine and asymmetric dimethylarginine in foetal growth. **2017**, 49, 783-794 8
- 120 Nitrate-Reducing Oral Bacteria: Linking Oral and Systemic Health. **2017**, 21-31 3

119	Potential protective effects of fermented garlic extract on myocardial ischemia-reperfusion injury utilizing in vitro and ex vivo models. 2017 , 33, 278-285		5
118	Blood collection vials and clinically used intravenous fluids contain significant amounts of nitrite. <i>Free Radical Biology and Medicine</i> , 2017 , 108, 533-541	7.8	5
117	The role of inorganic nitrate and nitrite in CVD. 2017 , 30, 247-264		17
116	Oral Microbiome and Nitric Oxide: the Missing Link in the Management of Blood Pressure. 2017 , 19, 33		56
115	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	7.8	83
114	Impacts of fat from ruminants' meat on cardiovascular health and possible strategies to alter its lipid composition. 2017 , 97, 1969-1978		15
113	Relationship between asymmetric dimethylarginine, nitrite and genetic polymorphisms: Impact on erectile dysfunction therapy. <i>Nitric Oxide - Biology and Chemistry</i> , 2017 , 71, 44-51	5	5
112	Dietary Plant Sterols Supplementation Increases In Vivo Nitrite and Nitrate Production in Healthy Adults: A Randomized, Controlled Study. 2017 , 82, 1750-1756		6
111	Integrative Medicine for Cardiovascular Disease and Prevention. 2017 , 101, 895-923		30
110	Inorganic Nitrate: Marker or Mediator of Mortality?. 2017 , 6,		2
109	Cardiac and renal upregulation of Nox2 and NF-B and repression of Nox4 and Nrf2 in season- and diabetes-mediated models of vascular oxidative stress in guinea-pig and rat. 2017 , 5, e13474		13
108	The protective role of oestradiol against silent myocardial ischemia and hypertension risk in South African men: The SABPA study. 2017 , 244, 43-48		3
107	Prasugrel as opposed to clopidogrel improves endothelial nitric oxide bioavailability and reduces platelet-leukocyte interaction in patients with unstable angina pectoris: A randomized controlled trial. 2017 , 248, 7-13		15
106	Moderate-intensity endurance training improves endothelial glycocalyx layer integrity in healthy young men. 2017 , 102, 70-85		18
105	Clinical and pharmacogenetic impact of endothelial nitric oxide synthase polymorphisms on cardiovascular diseases. <i>Nitric Oxide - Biology and Chemistry</i> , 2017 , 63, 39-51	5	38
104	Nitric Oxide Formation From Inorganic Nitrate. 2017 , 157-171		7
103	The role of inorganic nitrate and nitrite in cardiovascular disease risk factors: a systematic review and meta-analysis of human evidence. 2018 , 76, 348-371		55
102	Endothelial nitric oxide synthase polymorphisms affect the changes in blood pressure and nitric oxide bioavailability induced by propofol. <i>Nitric Oxide - Biology and Chemistry</i> , 2018 , 75, 77-84	5	10

101	The GTN patch: a simple and effective new approach to cardioprotection?. 2018 , 113, 20		15
100	Type 1 diabetic patients have better endothelial function after simultaneous pancreas-kidney transplantation than after kidney transplantation with continued insulin therapy. 2018 , 15, 122-130		2
99	Results, meta-analysis and a first evaluation of UR, the urinary nitrate-to-nitrite molar ratio, as a measure of nitrite reabsorption in experimental and clinical settings. 2018 , 50, 799-821		18
98	Consumption of meat in relation to physical functioning in the Seniors-ENRICA cohort. 2018 , 16, 50		17
97	Salivary nitrite production is elevated in individuals with a higher abundance of oral nitrate-reducing bacteria. <i>Free Radical Biology and Medicine</i> , 2018 , 120, 80-88	7.8	44
96	The effects of two different doses of ultraviolet-A light exposure on nitric oxide metabolites and cardiorespiratory outcomes. 2018 , 118, 1043-1052		9
95	Dietary nitrate supplementation in cardiovascular health: an ergogenic aid or exercise therapeutic?. 2018 , 314, H195-H212		23
94	Inverse correlation between maternal plasma asymmetric dimethylarginine (ADMA) and birthweight percentile in women with impaired placental perfusion: circulating ADMA as an NO-independent indicator of fetal growth restriction?. 2018 , 50, 341-351		10
93	Angiotensin converting enzyme inhibitors enhance the hypotensive effects of propofol by increasing nitric oxide production. <i>Free Radical Biology and Medicine</i> , 2018 , 115, 10-17	7.8	9
92	Probiotic Supplementation in Patients with Alzheimer's Dementia - An Explorative Intervention Study. 2018 , 15, 1106-1113		116
91	Decreased nitrite reductase activity of deoxyhemoglobin correlates with platelet activation in hemoglobin E/βthalassemia subjects. 2018 , 13, e0203955		5
90	Association of plasma nitrite levels with obesity and metabolic syndrome in the Old Order Amish. 2018 , 4, 468-476		6
89	Alteration in the availability of epoxyeicosatrienoic acids contributes with NO to the development of endothelial dysfunction in conduit arteries during aging. 2018 , 275, 239-245		8
88	Dietary Nitrate and Physical Performance. 2018 , 38, 303-328		69
87	Supplementary Nitric Oxide Donors and Exercise as Potential Means to Improve Vascular Health in People with Type 1 Diabetes: Yes to NO?. 2019 , 11,		11
86	Vitamin K-MK-7 improves nitric oxide-dependent endothelial function in ApoE/LDLR mice. 2019 , 122-123, 106581		6
85	Impact of acute antioxidant administration on inflammation and vascular function in heart failure with preserved ejection fraction. 2019 , 317, R607-R614		10
84	Dietary nitrate consumption and risk of CHD in women from the Nurses' Health Study. 2019 , 121, 831-838		6

83	Effect of spironolactone for 1 yr on endothelial function and vascular inflammation biomarkers in renal transplant recipients. 2019 , 317, F529-F539		5
82	HPLC-DAD Determination of Nitrite and Nitrate in Human Saliva Utilizing a Phosphatidylcholine Column. 2019 , 24,		11
81	NADPH oxidase is a primary target for antioxidant effects by inorganic nitrite in lipopolysaccharide-induced oxidative stress in mice and in macrophage cells. <i>Nitric Oxide - Biology and Chemistry</i> , 2019 , 89, 46-53	5	7
80	Dietary nitrate supplementation alters the oral microbiome but does not improve the vascular responses to an acute nitrate dose. <i>Nitric Oxide - Biology and Chemistry</i> , 2019 , 89, 54-63	5	29
79	Reactive Species Interactome Alterations in Oocyte Donation Pregnancies in the Absence and Presence of Pre-Eclampsia. 2019 , 20,		5
78	Meta-Analysis of Randomized Controlled Trials of Red Meat Consumption in Comparison With Various Comparison Diets on Cardiovascular Risk Factors. 2019 , 139, 1828-1845		105
77	Effect of particle size of selected composite spices on storability of fried meat. 2019 , 13, 1-9		
76	Contribution of Nitric oxide synthase 3 genetic variants to nasopharyngeal carcinoma risk and progression in a Tunisian population. 2019 , 276, 1231-1239		5
75	A quasi-reagentless point-of-care test for nitrite and unaffected by oxygen and cyanide. 2019 , 9, 2622		9
74	Regulation and role of endoglin in cholesterol-induced endothelial and vascular dysfunction and. 2019 , 33, 6099-6114		11
73	Dietary Patterns Emphasizing the Consumption of Plant Foods in the Management of Type 2 Diabetes: A Narrative Review. 2019 , 10, S320-S331		17
72	Variability in nitrate-reducing oral bacteria and nitric oxide metabolites in biological fluids following dietary nitrate administration: An assessment of the critical difference. <i>Nitric Oxide - Biology and Chemistry</i> , 2019 , 83, 1-10	5	23
71	Potential benefits of dietary nitrate ingestion in healthy and clinical populations: A brief review. 2019 , 19, 15-29		18
70	Effects of age, sex and diet on salivary nitrate and nitrite in infants. <i>Nitric Oxide - Biology and Chemistry</i> , 2020 , 94, 73-78	5	5
69	The effects of pulmonary rehabilitation on endothelial function and arterial stiffness in patients with chronic obstructive pulmonary disease. 2020 , 25, e1820		4
68	Incidence of myocardial infarction and associated mortality varies by latitude and season: findings from a Swedish Registry Study. 2020 , 42, e440-e448		2
67	How Periodontal Disease and Presence of Nitric Oxide Reducing Oral Bacteria Can Affect Blood Pressure. 2020 , 21,		15
66	High Consumption of Red Meat Is Associated with Excess Mortality Among African-American Women. 2020 , 150, 3249-3258		0

65	Red Blood Cells as a "Central Hub" for Sulfide Bioactivity: Scavenging, Metabolism, Transport, and Cross-Talk with Nitric Oxide. 2020 , 33, 1332-1349		5
64	Effects of Oral Sodium Nitrite on Blood Pressure, Insulin Sensitivity, and Intima-Media Arterial Thickening in Adults With Hypertension and Metabolic Syndrome. 2020 , 76, 866-874		8
63	Plasma nitrite as an indicator of cerebral ischemia during extracranial/intracranial bypass surgery in moyamoya patients. 2020 , 29, 104830		2
62	Evidence for placental-derived iron-nitrosyls in the circulation of the fetal lamb and against a role for nitrite in mediating the cardiovascular transition at birth. 2020 , 319, R401-R411		3
61	The Noncanonical Pathway for In Vivo Nitric Oxide Generation: The Nitrate-Nitrite-Nitric Oxide Pathway. 2020 , 72, 692-766		53
60	A randomized clinical trial of the effects of leafy green vegetables and inorganic nitrate on blood pressure. 2020 , 111, 749-756		17
59	Nitric oxide-related markers link inversely to blood pressure in black boys and men: the ASOS and African-PREDICT studies. 2020 , 52, 639-648		3
58	Antioxidant and Nephroprotective Effects of Okra Pods Extract (<i>L.</i>) against Lead Acetate-Induced Toxicity in Mice. 2020 , 2020, 4237205		4
57	Targeting HIF2 β ARNT hetero-dimerisation as a novel therapeutic strategy for pulmonary arterial hypertension. 2021 , 57,		9
56	Association between hypertension, oral microbiome and salivary nitric oxide: A case-control study. <i>Nitric Oxide - Biology and Chemistry</i> , 2021 , 106, 66-71	5	6
55	Renal handling of nitrate in women and men with elevated blood pressure. 2021 , 232, e13637		3
54	Predialysis and Dialysis Therapies Differently Affect Nitric Oxide Synthetic Pathway in Red Blood Cells from Uremic Patients: Focus on Peritoneal Dialysis. 2021 , 22,		0
53	Effects of raw red beetroot consumption on metabolic markers and cognitive function in type 2 diabetes patients. 2021 , 20, 673-682		4
52	Effects of inorganic nitrate supplementation on cardiovascular function and exercise tolerance in heart failure. 2021 , 130, 914-922		1
51	Red meat and processed meat consumption and the risk of dyslipidemia in Korean adults: A prospective cohort study based on the Health Examinees (HEXA) study. 2021 , 31, 1714-1727		4
50	Short-term exposure to air pollution and biomarkers of cardiovascular effect: A repeated measures study. 2021 , 279, 116893		3
49	Effects of inorganic nitrate on ischaemia-reperfusion injury after coronary artery bypass surgery: a randomised controlled trial. 2021 , 127, 547-555		2
48	Nitrite in paraffin-stimulated saliva correlates with blood nitrite. <i>Nitric Oxide - Biology and Chemistry</i> , 2021 , 116, 1-6	5	1

47	Arginase II polymorphisms modify the hypotensive responses to propofol by affecting nitric oxide bioavailability. 2021 , 77, 869-877	2
46	Nitric Oxide Signaling in Health and Disease. 2011 , 169-186	1
45	Nitrite and Nitrate in Ischemia-Reperfusion Injury. 2011 , 225-246	1
44	Looking Forward. 2011 , 279-291	1
43	Introduction. 2017 , 3-10	1
42	Nitrite and nitrosospecies in blood and tissue: approaching the gap between bench and bedside. 2007 , 269-288	2
41	Hypertension impairs hypoxia-induced angiogenesis in men. 2020 , 38, 1131-1139	2
40	High-intensity interval training or continuous training, combined or not with fasting, in obese or overweight women with cardiometabolic risk factors: study protocol for a randomised clinical trial. 2018 , 8, e019304	3
39	Effect of storage levels of nitric oxide derivatives in blood components. 2012 , 1, 35	2
38	Nitrosylated hemoglobin levels in human venous erythrocytes correlate with vascular endothelial function measured by digital reactive hyperemia. 2013 , 8, e76457	23
37	Metagenomic analysis of nitrate-reducing bacteria in the oral cavity: implications for nitric oxide homeostasis. 2014 , 9, e88645	123
36	Nitrate-rich beetroot juice offsets salivary acidity following carbohydrate ingestion before and after endurance exercise in healthy male runners. 2020 , 15, e0243755	7
35	Association between Myeloperoxidase Levels and Risk of Insulin Resistance in Egyptian Obese Women. 2018 , 6, 629-633	2
34	Sex-Related Difference in Nitric Oxide Metabolites Levels after Nephroprotectant Supplementation Administration against Cisplatin-Induced Nephrotoxicity in Wistar Rat Model: The Role of Vitamin E, Erythropoietin, or N-Acetylcysteine. 2013 , 2013, 612675	17
33	Significance of Nitric Oxide Saliva Concentration of the Patients with Renal Failure on Hemodialysis. 2018 , 30, 246-250	1
32	von Willebrand factor, C-reactive protein, nitric oxide, and vascular endothelial growth factor in a dietary reversal model of hypercholesterolemia in rabbit. 2008 , 152, 91-5	15
31	Effect on health from consumption of meat and meat products. 2021 , 63, 955-976	2
30	Arginine metabolism and nitric oxide turnover in the ZSF1 animal model for heart failure with preserved ejection fraction. 2021 , 11, 20684	1

29	Nitric Oxide Donors as Platelet Inhibitors. 2009 , 499-516		
28	Endothelial Progenitor Cells and Nitric Oxide: Matching Partners in Biomedicine. 2011 , 213-245		
27	Looking Forward. 2017 , 325-336		
26	Nitrate and nitrite in drinking water affect antioxidant enzymes in erythrocytes of rats. 2018 , 90, 90-101		1
25	Nitric Oxide in the Vascular System: Meet a Challenge. 2008 , 451-468		
24	Mind-body medicine: a model of the comparative clinical impact of the acute stress and relaxation responses. 2009 , 92, 47-50		36
23	The Reemergence of Nitrite as a Beneficial Agent in the Treatment of Ischemic Cardiovascular Diseases. 2010 , 1, 451-459		2
22	Co-Administration of Silymarin and Deferoxamine against Kidney, Liver and Heart Iron Deposition in Male Iron Overload Rat Model. 2014 , 5, 110-6		9
21	Red meat consumption and risk of frailty in older women. 2021 ,		4
20	Gene-gene interactions in the protein kinase C/endothelial nitric oxide synthase axis impact the hypotensive effects of propofol. 2021 ,		0
19	An Optimized MRM-Based Workflow of the L-Arginine/Nitric Oxide Pathway Metabolites Revealed Disease- and Sex-Related Differences in the Cardiovascular Field.. 2022 , 23,		
18	Role of sodium nitrite curing of meat in curing human disease. 2022 ,		1
17	State-of-the-Art Review: Evidence on Red Meat Consumption and Hypertension Outcomes.. 2022 ,		0
16	A physiologically relevant role for NO stored in vascular smooth muscle cells: A novel theory of vascular NO signaling. <i>Redox Biology</i> , 2022 , 102327	11.3	1
15	Microfluidics-based rapid measurement of nitrite in human blood plasma. <i>Analyst, The</i> ,	5	
14	Reactive Oxygen Species (ROS) and Reactive Nitrogen Species (RNS) in Plants—maintenance of structural individuality and functional blend. <i>Advances in Redox Research</i> , 2022 , 100039		2
13	Endothelial Dysfunction Is Associated with Decreased Nitric Oxide Bioavailability in Dysglycaemic Subjects and First-Degree Relatives of Type 2 Diabetic Patients. <i>Journal of Clinical Medicine</i> , 2022 , 11, 3299	5.1	0
12	Reduced nitric oxide synthesis in winter: A potential contributing factor to increased cardiovascular risk. <i>Nitric Oxide - Biology and Chemistry</i> , 2022 , 127, 1-9	5	0

11	Utility of NO and H2S donating platforms in managing COVID-19: Rationale and promise. 2022 ,	1
10	Red and processed meat intakes and cardiovascular disease and type 2 diabetes mellitus: An umbrella systematic review and assessment of causal relations using Bradford Hill's criteria. 1-18	0
9	Effects of Combined Inorganic Nitrate and Nitrite Supplementation on Cardiorespiratory Fitness and Skeletal Muscle Oxidative Capacity in Type 2 Diabetes: A Pilot Randomized Controlled Trial. 2022 , 14, 4479	0
8	Nitric oxide deficiency is a primary driver of hypertension. 2022 , 206, 115325	1
7	TRPA1 Polymorphisms Modify the Hypotensive Responses to Propofol with No Change in Nitrite or Nitrate Levels. 2022 , 44, 6333-6345	0
6	Local delivery of nitric oxide prevents endothelial dysfunction in periodontitis. 2022 , 106616	0
5	The oral microbiome in the pathophysiology of cardiovascular disease.	0
4	Healthy and Environmentally Sustainable Dietary Patterns for Type 2 Diabetes: Dietary Approaches as Co-benefits to the Overlapping Crises.	0
3	Endothelial damage in young adult e-cigarette users. 2023 , 62, 102688	0
2	Plasma biomarkers of endothelial function, inflammation and oxidative stress in individuals with non-freezing cold injury. 2023 , 108, 448-464	1
1	Habitual Tea Consumption Increases the Incidence of Metabolic Syndrome in Middle-Aged and Older Individuals. 2023 , 15, 1448	0