

Ian L Megson

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

144
papers

8,773
citations

48
h-index

92
g-index

158
ext. papers

9,639
ext. citations

6.4
avg, IF

5.94
L-index

#	Paper	IF	Citations
144	Intermittent exposure of cultured endothelial cells to physiologically relevant fructose concentrations has a profound impact on nitric oxide production and bioenergetics.. <i>PLoS ONE</i> , 2022 , 17, e0267675	3.7	0
143	Measurement of Heart Rate Using the Polar OH1 and Fitbit Charge 3 Wearable Devices in Healthy Adults During Light, Moderate, Vigorous, and Sprint-Based Exercise: Validation Study. <i>JMIR MHealth and UHealth</i> , 2021 , 9, e25313	5.5	9
142	Antibacterial efficacy from NO-releasing MOF polymer films. <i>Materials Advances</i> , 2020 , 1, 2509-2519	3.3	7
141	Radial artery access site complications during cardiac procedures, clinical implications and potential solutions: The role of nitric oxide. <i>World Journal of Cardiology</i> , 2020 , 12, 26-34	2.1	8
140	Does oxidative stress contribute to toxicity in acute organophosphorus poisoning? - a systematic review of the evidence. <i>Clinical Toxicology</i> , 2020 , 58, 437-452	2.9	7
139	The impact of glucose exposure on bioenergetics and function in a cultured endothelial cell model and the implications for cardiovascular health in diabetes. <i>Scientific Reports</i> , 2020 , 10, 19547	4.9	6
138	Why Is COVID-19 More Severe in Patients With Diabetes? The Role of Angiotensin-Converting Enzyme 2, Endothelial Dysfunction and the Immunoinflammatory System. <i>Frontiers in Cardiovascular Medicine</i> , 2020 , 7, 629933	5.4	15
137	Reactive Oxygen Species (ROS), Intimal Thickening, and Subclinical Atherosclerotic Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2019 , 6, 89	5.4	40
136	Synthesis of novel vanillin derivatives: novel multi-targeted scaffold ligands against Alzheimer's disease. <i>MedChemComm</i> , 2019 , 10, 764-777	5	20
135	Co-ingestion of Antioxidant Drinks With an Unhealthy Challenge Meal Fails to Prevent Post-prandial Endothelial Dysfunction: An Open-Label, Crossover Study in Older Overweight Volunteers. <i>Frontiers in Physiology</i> , 2019 , 10, 1293	4.6	3
134	Mitochondrial ROS cause motor deficits induced by synaptic inactivity: Implications for synapse pruning. <i>Redox Biology</i> , 2018 , 16, 344-351	11.3	31
133	To clot or not to clot? That is a free radical question. <i>Journal of Physiology</i> , 2018 , 596, 4805-4806	3.9	
132	Novel vanillin derivatives: Synthesis, anti-oxidant, DNA and cellular protection properties. <i>European Journal of Medicinal Chemistry</i> , 2018 , 143, 745-754	6.8	20
131	Associations between circulating IgG antibodies to Apolipoprotein B-derived peptide antigens and acute coronary syndrome in a Chinese Han population. <i>Bioscience Reports</i> , 2018 , 38,	4.1	2
130	Bioactive polyphenols and cardiovascular disease: chemical antagonists, pharmacological agents or xenobiotics that drive an adaptive response?. <i>British Journal of Pharmacology</i> , 2017 , 174, 1209-1225	8.6	78
129	Bioavailable Concentrations of Delphinidin and Its Metabolite, Gallic Acid, Induce Antioxidant Protection Associated with Increased Intracellular Glutathione in Cultured Endothelial Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2017 , 2017, 9260701	6.7	31
128	Preliminary study of hypoxia-related cardiovascular mediator-markers in patients with end-stage renal disease with and without diabetes and the effects of haemodialysis. <i>PLoS ONE</i> , 2017 , 12, e0178171	3.7	2

127	The acute (immediate) effects of reflexology on arterial compliance in healthy volunteers: A randomised study. <i>Complementary Therapies in Clinical Practice</i> , 2016 , 22, 16-20	3.5	6
126	Tuning the nitric oxide release from CPO-27 MOFs. <i>RSC Advances</i> , 2016 , 6, 14059-14067	3.7	43
125	Iodixanol Has a Favourable Fibrinolytic Profile Compared to Iohexol in Cardiac Patients Undergoing Elective Angiography: A Double-Blind, Randomized, Parallel Group Study. <i>PLoS ONE</i> , 2016 , 11, e0147196	3.7	1
124	Lipids and cardiovascular disease: where does dietary intervention sit alongside statin therapy?. <i>Food and Function</i> , 2016 , 7, 2603-14	6.1	17
123	Continuous subcutaneous insulin infusion in patients with type 2 diabetes: a cohort study to establish the relationship between glucose control and plasma oxidized low density lipoprotein. <i>Journal of Diabetes Science and Technology</i> , 2015 , 9, 573-80	4.1	6
122	A study of IgG antibodies to the ApoB protein in non-ST segment elevation acute coronary syndrome. <i>Scandinavian Cardiovascular Journal</i> , 2015 , 49, 136-41	2	2
121	Detection of circulating IgG antibodies to apolipoprotein B100 in acute myocardial infarction. <i>FEBS Open Bio</i> , 2015 , 5, 712-6	2.7	5
120	Antioxidants in Cardiovascular Therapy: Panacea or False Hope?. <i>Frontiers in Cardiovascular Medicine</i> , 2015 , 2, 29	5.4	94
119	Existing and potential therapeutic uses for N-acetylcysteine: the need for conversion to intracellular glutathione for antioxidant benefits. <i>Pharmacology & Therapeutics</i> , 2014 , 141, 150-9	13.9	329
118	Oat-enriched diet reduces inflammatory status assessed by circulating cell-derived microparticle concentrations in type 2 diabetes. <i>Molecular Nutrition and Food Research</i> , 2014 , 58, 1322-32	5.9	28
117	Platelet-derived microparticle count and surface molecule expression differ between subjects with and without type 2 diabetes, independently of obesity status. <i>Journal of Thrombosis and Thrombolysis</i> , 2014 , 37, 455-63	5.1	54
116	Surface functionalization affects the zeta potential, coronal stability and membranolytic activity of polymeric nanoparticles. <i>Nanotoxicology</i> , 2014 , 8, 202-11	5.3	68
115	Principal component and causal analysis of structural and acute in vitro toxicity data for nanoparticles. <i>Nanotoxicology</i> , 2014 , 8, 465-76	5.3	48
114	The 2011 survey on hypertensive disorders of pregnancy (HDP) in China: prevalence, risk factors, complications, pregnancy and perinatal outcomes. <i>PLoS ONE</i> , 2014 , 9, e100180	3.7	95
113	Endothelial cell oxidative stress in diabetes: a key driver of cardiovascular complications?. <i>Biochemical Society Transactions</i> , 2014 , 42, 928-33	5.1	28
112	12-hydroxyeicosatetraenoic acid is associated with variability in aspirin-induced platelet inhibition. <i>Journal of Inflammation</i> , 2014 , 11, 33	6.7	15
111	Novel R-roscovitine NO-donor hybrid compounds as potential pro-resolution of inflammation agents. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 2107-16	3.4	12
110	A randomized crossover study to assess the effect of an oat-rich diet on glycaemic control, plasma lipids and postprandial glycaemia, inflammation and oxidative stress in Type 2 diabetes. <i>Diabetic Medicine</i> , 2013 , 30, 1314-23	3.5	28

109	Predictive value of in vitro assays depends on the mechanism of toxicity of metal oxide nanoparticles. <i>Particle and Fibre Toxicology</i> , 2013 , 10, 55	8.4	81
108	A new class of NO-donor pro-drugs triggered by β -glutamyl transpeptidase with potential for reno-selective vasodilatation. <i>Chemical Communications</i> , 2013 , 49, 1389-91	5.8	7
107	Search for schizophrenia susceptibility variants at the HLA-DRB1 locus among a British population. <i>Immunogenetics</i> , 2013 , 65, 1-7	3.2	7
106	Emerging importance of omega-3 fatty acids in the innate immune response: molecular mechanisms and lipidomic strategies for their analysis. <i>Molecular Nutrition and Food Research</i> , 2013 , 57, 1390-400	5.9	39
105	Development and characterization of glutamyl-protected N-hydroxyguanidines as reno-active nitric oxide donor drugs with therapeutic potential in acute renal failure. <i>Journal of Medicinal Chemistry</i> , 2013 , 56, 5321-34	8.3	5
104	Altered nitric oxide bioavailability contributes to diesel exhaust inhalation-induced cardiovascular dysfunction in man. <i>Journal of the American Heart Association</i> , 2013 , 2, e004309	6	51
103	In vivo speciation studies and antioxidant properties of bromine in <i>Laminaria digitata</i> reinforce the significance of iodine accumulation for kelps. <i>Journal of Experimental Botany</i> , 2013 , 64, 2653-64	7	40
102	Association between exposure to environmental tobacco smoke and biomarkers of oxidative stress among patients hospitalised with acute myocardial infarction. <i>PLoS ONE</i> , 2013 , 8, e81209	3.7	16
101	Mechanisms for an effect of acetylcysteine on renal function after exposure to radio-graphic contrast material: study protocol. <i>BMC Clinical Pharmacology</i> , 2012 , 12, 3		11
100	Metal-organic frameworks for the storage and delivery of biologically active hydrogen sulfide. <i>Dalton Transactions</i> , 2012 , 41, 4060-6	4.3	116
99	Differential pro-inflammatory effects of metal oxide nanoparticles and their soluble ions in vitro and in vivo; zinc and copper nanoparticles, but not their ions, recruit eosinophils to the lungs. <i>Nanotoxicology</i> , 2012 , 6, 22-35	5.3	178
98	N-Acetylcysteine inhibits platelet-monocyte conjugation in patients with type 2 diabetes with depleted intraplatelet glutathione: a randomised controlled trial. <i>Diabetologia</i> , 2012 , 55, 2920-8	10.3	34
97	Type 2 diabetes managed by diet and lifestyle: HbA1c can identify significant post-prandial hyperglycaemia. <i>Practical Diabetes</i> , 2012 , 29, 58-60	0.7	1
96	Diabetic fatty liver disease is associated with specific changes in blood-borne markers. <i>Diabetes/Metabolism Research and Reviews</i> , 2012 , 28, 343-8	7.5	1
95	Zeta potential and solubility to toxic ions as mechanisms of lung inflammation caused by metal/metal oxide nanoparticles. <i>Toxicological Sciences</i> , 2012 , 126, 469-77	4.4	206
94	NiO and Co ₃ O ₄ nanoparticles induce lung DTH-like responses and alveolar lipoproteinosis. <i>European Respiratory Journal</i> , 2012 , 39, 546-57	13.6	64
93	Food intake and dietary glycaemic index in free-living adults with and without type 2 diabetes mellitus. <i>Nutrients</i> , 2011 , 3, 683-93	6.7	9
92	The functional significance of the TGM2 gene in schizophrenia: a correlation of SNPs and circulating IL-2 levels. <i>Journal of Neuroimmunology</i> , 2011 , 232, 5-7	3.5	4

91	Differential susceptibility to nitric oxide-evoked apoptosis in human inflammatory cells. <i>Free Radical Biology and Medicine</i> , 2011 , 50, 93-101	7.8	9
90	Investigation of the Interaction Between the Ser447Term Polymorphism of Lipoprotein Lipase and the Stroke-Related Risk Factors in Ischemic Stroke. <i>Translational Stroke Research</i> , 2011 , 2, 101-5	7.8	
89	Therapeutic potential of N-acetylcysteine as an antiplatelet agent in patients with type-2 diabetes. <i>Cardiovascular Diabetology</i> , 2011 , 10, 43	8.7	34
88	Progressive severe lung injury by zinc oxide nanoparticles; the role of Zn ²⁺ dissolution inside lysosomes. <i>Particle and Fibre Toxicology</i> , 2011 , 8, 27	8.4	282
87	Photochemistry of trans-Cr(cyclam)(ONO) ₂ ⁺ , a nitric oxide precursor. <i>Inorganic Chemistry</i> , 2011 , 50, 4453-62	5.6	28
86	Mechanisms of resolution of inflammation: a focus on cardiovascular disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1001-6	9.4	121
85	Surface derivatization state of polystyrene latex nanoparticles determines both their potency and their mechanism of causing human platelet aggregation in vitro. <i>Toxicological Sciences</i> , 2011 , 119, 359-68	4.4	50
84	2-arachidonyl glycerol activates platelets via conversion to arachidonic acid and not by direct activation of cannabinoid receptors. <i>British Journal of Clinical Pharmacology</i> , 2010 , 70, 180-8	3.8	21
83	Col4a1 mutation in mice causes defects in vascular function and low blood pressure associated with reduced red blood cell volume. <i>Human Molecular Genetics</i> , 2010 , 19, 1119-28	5.6	56
82	Metal oxide nanoparticles induce unique inflammatory footprints in the lung: important implications for nanoparticle testing. <i>Environmental Health Perspectives</i> , 2010 , 118, 1699-706	8.4	238
81	Acute cardiovascular effects of apelin in humans: potential role in patients with chronic heart failure. <i>Circulation</i> , 2010 , 121, 1818-27	16.7	227
80	Nitric oxide photogeneration from trans-Cr(cyclam)(ONO) ₂ (⁺) in a reducing environment. activation of soluble guanylyl cyclase and arterial vasorelaxation. <i>Journal of Medicinal Chemistry</i> , 2010 , 53, 715-22	8.3	33
79	Genetic association of the AKT1 gene with schizophrenia in a British population. <i>Psychiatric Genetics</i> , 2010 , 20, 118-22	2.9	20
78	NO-loaded Zn(2+)-exchanged zeolite materials: a potential bifunctional anti-bacterial strategy. <i>Acta Biomaterialia</i> , 2010 , 6, 1515-21	10.8	85
77	Direct impairment of vascular function by diesel exhaust particulate through reduced bioavailability of endothelium-derived nitric oxide induced by superoxide free radicals. <i>Environmental Health Perspectives</i> , 2009 , 117, 611-6	8.4	102
76	Macrophage phagocytosis of apoptotic neutrophils is critically regulated by the opposing actions of pro-inflammatory and anti-inflammatory agents: key role for TNF-alpha. <i>FASEB Journal</i> , 2009 , 23, 844-54	0.9	156
75	The TGM2 gene is associated with schizophrenia in a British population. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2009 , 150B, 335-40	3.5	11
74	Simultaneous Gas Storage and Catalytic Gas Production Using Zeolites: A New Concept for Extending Lifetime Gas Delivery. <i>Topics in Catalysis</i> , 2009 , 52, 35-41	2.3	20

73	Cyclic GMP protects human macrophages against peroxynitrite-induced apoptosis. <i>Journal of Inflammation</i> , 2009 , 6, 14	6.7	9
72	No association between the PPARG gene and schizophrenia in a British population. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2009 , 81, 273-7	2.8	4
71	Evaluation of the antioxidant properties of N-acetylcysteine in human platelets: prerequisite for bioconversion to glutathione for antioxidant and antiplatelet activity. <i>Journal of Cardiovascular Pharmacology</i> , 2009 , 54, 319-26	3.1	37
70	NO and sGC-stimulating NO donors. <i>Handbook of Experimental Pharmacology</i> , 2009 , 247-76	3.2	7
69	LA-419, a nitric-oxide donor for the treatment of cardiovascular disorders. <i>Current Opinion in Investigational Drugs</i> , 2009 , 10, 276-85		3
68	Exceptional behavior over the whole adsorption-storage-delivery cycle for NO in porous metal organic frameworks. <i>Journal of the American Chemical Society</i> , 2008 , 130, 10440-4	16.4	357
67	Vascular effects of apelin in vivo in man. <i>Journal of the American College of Cardiology</i> , 2008 , 52, 908-13	15.1	236
66	Curcumin restores corticosteroid function in monocytes exposed to oxidants by maintaining HDAC2. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008 , 39, 312-23	5.7	157
65	Risk factors and mechanisms of anaphylactoid reactions to acetylcysteine in acetaminophen overdose. <i>Clinical Toxicology</i> , 2008 , 46, 697-702	2.9	73
64	Simultaneous and cooperative gas storage and gas production using bifunctional zeolites. <i>Chemical Communications</i> , 2008 , 6146-8	5.8	13
63	Endothelial dysfunction: from molecular mechanisms to measurement, clinical implications, and therapeutic opportunities. <i>Antioxidants and Redox Signaling</i> , 2008 , 10, 1631-74	8.4	131
62	Resveratrol induces glutathione synthesis by activation of Nrf2 and protects against cigarette smoke-mediated oxidative stress in human lung epithelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008 , 294, L478-88	5.8	319
61	A novel hybrid aspirin-NO-releasing compound inhibits TNFalpha release from LPS-activated human monocytes and macrophages. <i>Journal of Inflammation</i> , 2008 , 5, 12	6.7	27
60	A genetic study of the NOS3 gene for ischemic stroke in a Chinese population. <i>International Journal of General Medicine</i> , 2008 , 1, 65-8	2.3	7
59	Recent developments in nitric oxide donor drugs. <i>British Journal of Pharmacology</i> , 2007 , 151, 305-21	8.6	442
58	Topical application of acidified nitrite to the nail renders it antifungal and causes nitrosation of cysteine groups in the nail plate. <i>British Journal of Dermatology</i> , 2007 , 157, 494-500	4	13
57	Persistent endothelial dysfunction in humans after diesel exhaust inhalation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 176, 395-400	10.2	293
56	Clearance of dying cells and autoimmunity. <i>Autoimmunity</i> , 2007 , 40, 267-73	3	34

55	Glutathione supplementation to University of Wisconsin solution causes endothelial dysfunction. <i>Transplant Immunology</i> , 2007 , 18, 146-50	1.7	3
54	High-capacity hydrogen and nitric oxide adsorption and storage in a metal-organic framework. <i>Journal of the American Chemical Society</i> , 2007 , 129, 1203-9	16.4	482
53	Cigarette Smoking, Inflammation, and Obesity 2007 , 43-61		
52	Direct vascular effects of protease-activated receptor type 1 agonism in vivo in humans. <i>Circulation</i> , 2006 , 114, 1625-32	16.7	26
51	Therapeutic effects of nitric oxide-aspirin hybrid drugs. <i>Expert Opinion on Therapeutic Targets</i> , 2006 , 10, 911-22	6.4	13
50	NO-releasing zeolites and their antithrombotic properties. <i>Journal of the American Chemical Society</i> , 2006 , 128, 502-9	16.4	201
49	Inducible nitric oxide synthase activity does not contribute to the maintenance of peripheral vascular tone in patients with heart failure. <i>Clinical Science</i> , 2006 , 111, 275-80	6.5	10
48	Apoptosis and Atherosclerosis: The Role of Nitric Oxide. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2006 , 5, 27-33	2	6
47	A novel electron paramagnetic resonance-based assay for prostaglandin H synthase-1 activity. <i>Journal of Inflammation</i> , 2006 , 3, 12	6.7	
46	Mechanism of action of novel NO-releasing furoxan derivatives of aspirin in human platelets. <i>British Journal of Pharmacology</i> , 2006 , 148, 517-26	8.6	48
45	Acoustic speed and attenuation coefficient in sheep aorta measured at 5-9 MHz. <i>Ultrasound in Medicine and Biology</i> , 2006 , 32, 971-80	3.5	9
44	Sildenafil potentiates nitric oxide mediated inhibition of human platelet aggregation. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 337, 382-5	3.4	30
43	Depressed glutathione synthesis precedes oxidative stress and atherogenesis in Apo-E(-/-) mice. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 338, 1368-73	3.4	59
42	Curcumin induces glutathione biosynthesis and inhibits NF-kappaB activation and interleukin-8 release in alveolar epithelial cells: mechanism of free radical scavenging activity. <i>Antioxidants and Redox Signaling</i> , 2005 , 7, 32-41	8.4	275
41	A potential role for extracellular nitric oxide generation in cGMP-independent inhibition of human platelet aggregation: biochemical and pharmacological considerations. <i>British Journal of Pharmacology</i> , 2005 , 144, 849-59	8.6	49
40	Sildenafil offers protection against NSAID-induced gastric injury. <i>British Journal of Pharmacology</i> , 2005 , 146, 477-8	8.6	14
39	B1 kinin receptor does not contribute to vascular tone or tissue plasminogen activator release in the peripheral circulation of patients with heart failure. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 772-7	9.4	12
38	Zeolites for storage and delivery of nitric oxide in human physiology. <i>Studies in Surface Science and Catalysis</i> , 2005 , 2033-2040	1.8	2

37	Nitric oxide and the resolution of inflammation: implications for atherosclerosis. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2005 , 100 Suppl 1, 67-71	2.6	18
36	GEA 3162 decomposes to co-generate nitric oxide and superoxide and induces apoptosis in human neutrophils via a peroxynitrite-dependent mechanism. <i>British Journal of Pharmacology</i> , 2004 , 143, 179-85	8.6	25
35	Extracellular nitric oxide release mediates soluble guanylate cyclase-independent vasodilator action of spermine NONOate: comparison with other nitric oxide donors in isolated rat femoral arteries. <i>Journal of Cardiovascular Pharmacology</i> , 2004 , 43, 440-51	3.1	13
34	A novel S-nitrosothiol causes prolonged and selective inhibition of platelet adhesion at sites of vascular injury. <i>Cardiovascular Research</i> , 2003 , 57, 853-60	9.9	10
33	Nitric oxide: a key regulator of myeloid inflammatory cell apoptosis. <i>Cell Death and Differentiation</i> , 2003 , 10, 418-30	12.7	118
32	Nitric oxide and the mechanism of rat vascular smooth muscle photorelaxation. <i>Journal of Physiology</i> , 2003 , 550, 819-28	3.9	16
31	Preserved endothelial vasomotion and fibrinolytic function in patients with acute stent thrombosis or in-stent restenosis. <i>Thrombosis Research</i> , 2003 , 111, 343-9	8.2	4
30	Antiinflammatory, gastrosparring, and antiplatelet properties of new NO-donor esters of aspirin. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 747-54	8.3	84
29	Novel role for low molecular weight plasma thiols in nitric oxide-mediated control of platelet function. <i>Journal of Biological Chemistry</i> , 2002 , 277, 46858-63	5.4	40
28	Non-heme iron nitrosyls in biology. <i>Chemical Reviews</i> , 2002 , 102, 1155-66	68.1	286
27	The effect of oxidative stress on endothelium-dependent and nitric oxide donor-induced relaxation: implications for nitrate tolerance. <i>Nitric Oxide - Biology and Chemistry</i> , 2002 , 6, 263-70	5	29
26	Nitric oxide donor drugs: current status and future trends. <i>Expert Opinion on Investigational Drugs</i> , 2002 , 11, 587-601	5.9	64
25	Lipophilic S-nitrosothiols: A means of targeted delivery of nitric oxide to areas of endothelial injury?. <i>Drugs of the Future</i> , 2002 , 27, 777	2.3	3
24	Effects of acute methionine loading and vitamin C on endogenous fibrinolysis, endothelium-dependent vasomotion and platelet aggregation. <i>Clinical Science</i> , 2001 , 100, 127	6.5	5
23	Dissociation of DNA fragmentation from other hallmarks of apoptosis in nitric oxide-treated neutrophils: differences between individual nitric oxide donor drugs. <i>Biochemical and Biophysical Research Communications</i> , 2001 , 289, 1229-36	3.4	26
22	Acute methionine loading does not alter arterial stiffness in humans. <i>Journal of Cardiovascular Pharmacology</i> , 2001 , 37, 1-5	3.1	29
21	Selective modifiers of glutathione biosynthesis and S-priming of vascular smooth muscle photorelaxation. <i>British Journal of Pharmacology</i> , 2000 , 130, 1575-80	8.6	31
20	Inducible nitric oxide synthase-derived superoxide contributes to hyperactivity in small mesenteric arteries from a rat model of chronic heart failure. <i>British Journal of Pharmacology</i> , 2000 , 131, 29-36	8.6	30

19	S-nitrosothiols cause prolonged, nitric oxide-mediated relaxation in human saphenous vein and internal mammary artery: therapeutic potential in bypass surgery. <i>British Journal of Pharmacology</i> , 2000 , 131, 1236-44	8.6	44
18	Inhibition of human platelet aggregation by a novel S-nitrosothiol is abolished by haemoglobin and red blood cells in vitro: implications for anti-thrombotic therapy. <i>British Journal of Pharmacology</i> , 2000 , 131, 1391-8	8.6	24
17	Novel S-nitrosothiols do not engender vascular tolerance and remain effective in glyceryl trinitrate-tolerant rat femoral arteries. <i>European Journal of Pharmacology</i> , 2000 , 403, 111-9	5.3	11
16	Novel S-nitrosothiols do not engender vascular tolerance and remain effective in glyceryltrinitrate-tolerant rat femoral arteries. <i>European Journal of Pharmacology</i> , 2000 , 408, 335-43	5.3	18
15	A novel S-nitrosothiol (RIG200) causes prolonged relaxation in dorsal hand veins with damaged endothelium. <i>Clinical Pharmacology and Therapeutics</i> , 2000 , 68, 75-81	6.1	12
14	Inhibition of human platelet aggregation by nitric oxide donor drugs: relative contribution of cGMP-independent mechanisms. <i>Biochemical and Biophysical Research Communications</i> , 2000 , 279, 412-9 ^{3,4}		98
13	Nitric oxide donor drugs. <i>Drugs of the Future</i> , 2000 , 25, 701	2.3	71
12	N-Substituted analogues of S-nitroso-N-acetyl-D,L-penicillamine: chemical stability and prolonged nitric oxide mediated vasodilatation in isolated rat femoral arteries. <i>British Journal of Pharmacology</i> , 1999 , 126, 639-48	8.6	41
11	S-nitrosothiols for nitrate tolerance. <i>Lancet, The</i> , 1999 , 354, 338-9	4 ⁰	4
10	Oral vitamin C reduces arterial stiffness and platelet aggregation in humans. <i>Journal of Cardiovascular Pharmacology</i> , 1999 , 34, 690-3	3.1	95
9	Diffusion of nitric oxide and scavenging by blood in the vasculature. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1998 , 1425, 168-76	4	163
8	Synthesis, decomposition, and vasodilator action of some new S-nitrosated dipeptides. <i>Nitric Oxide - Biology and Chemistry</i> , 1998 , 2, 193-202	5	13
7	Therapeutic potential of S-nitrosothiols as nitric oxide donor drugs. <i>Scottish Medical Journal</i> , 1997 , 42, 88-9	1.8	8
6	Neocuproine, a selective Cu(I) chelator, and the relaxation of rat vascular smooth muscle by S-nitrosothiols. <i>British Journal of Pharmacology</i> , 1997 , 121, 1047-50	8.6	57
5	Ruthenium complexes as nitric oxide scavengers: a potential therapeutic approach to nitric oxide-mediated diseases. <i>British Journal of Pharmacology</i> , 1997 , 122, 1441-9	8.6	110
4	Prolonged effect of a novel S-nitrosated glyco-amino acid in endothelium-denuded rat femoral arteries: potential as a slow release nitric oxide donor drug. <i>British Journal of Pharmacology</i> , 1997 , 122, 1617-24	8.6	33
3	Vasodilator responses of rat isolated tail artery enhanced by oxygen- dependent, photochemical release of nitric oxide from iron-sulphur-nitrosyls. <i>British Journal of Pharmacology</i> , 1996 , 117, 1549-57	8.6	48
2	Chemical mechanisms underlying the vasodilator and platelet anti-aggregating properties of S-nitroso-N-acetyl-DL-penicillamine and S-nitrosoglutathione. <i>Bioorganic and Medicinal Chemistry</i> , 1995 , 3, 1-9	3.4	75

- 1 Iron-sulphur cluster nitrosyls, a novel class of nitric oxide generator: mechanism of vasodilator action on rat isolated tail artery. *British Journal of Pharmacology*, **1992**, 107, 842-8 8.6 88