

Ian L Megson

List of Publications by Year in descending order

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151
papers

10,541
citations

38720

50
h-index

36008

97
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158
all docs

158
docs citations

158
times ranked

15119
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Capacity Hydrogen and Nitric Oxide Adsorption and Storage in a Metal-Organic Framework. <i>Journal of the American Chemical Society</i> , 2007, 129, 1203-1209.	6.6	546
2	Recent developments in nitric oxide donor drugs. <i>British Journal of Pharmacology</i> , 2007, 151, 305-321.	2.7	525
3	Existing and potential therapeutic uses for N-acetylcysteine: The need for conversion to intracellular glutathione for antioxidant benefits. , 2014, 141, 150-159.		502
4	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, 10440-10444.	6.6	391
5	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-L488.	1.3	380
6	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.	2.8	342
7	Persistent Endothelial Dysfunction in Humans after Diesel Exhaust Inhalation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 395-400.	2.5	334
8	Curcumin Induces Glutathione Biosynthesis and Inhibits NF- κ B 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.	2.5	329
9	Non-Heme Iron Nitrosyls in Biology. <i>Chemical Reviews</i> , 2002, 102, 1155-1166.	23.0	324
10	Acute Cardiovascular Effects of Apelin in Humans. <i>Circulation</i> , 2010, 121, 1818-1827.	1.6	281
11	Vascular Effects of Apelin In Vivo in Man. <i>Journal of the American College of Cardiology</i> , 2008, 52, 908-913.	1.2	280
12	Metal Oxide Nanoparticles Induce Unique Inflammatory Footprints in the Lung: Important Implications for Nanoparticle Testing. <i>Environmental Health Perspectives</i> , 2010, 118, 1699-1706.	2.8	273
13	Zeta Potential and Solubility to Toxic Ions as Mechanisms of Lung Inflammation Caused by Metal/Metal Oxide Nanoparticles. <i>Toxicological Sciences</i> , 2012, 126, 469-477.	1.4	251
14	NO-Releasing Zeolites and Their Antithrombotic Properties. <i>Journal of the American Chemical Society</i> , 2006, 128, 502-509.	6.6	230
15	Differential pro-inflammatory effects of metal oxide nanoparticles and their soluble ions <i>in vitro</i> and <i>in vivo</i> ; zinc and copper nanoparticles, but not their ions, recruit eosinophils to the lungs. <i>Nanotoxicology</i> , 2012, 6, 22-35.	1.6	202
16	Macrophage phagocytosis of apoptotic neutrophils is critically regulated by the opposing actions of pro-inflammatory and anti-inflammatory agents: key role for TNF α . <i>FASEB Journal</i> , 2009, 23, 844-854.	0.2	196
17	Diffusion of nitric oxide and scavenging by blood in the vasculature. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1998, 1425, 168-176.	1.1	181
18	Curcumin Restores Corticosteroid Function in Monocytes Exposed to Oxidants by Maintaining HDAC2. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 39, 312-323.	1.4	179

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19	Endothelial Dysfunction: From Molecular Mechanisms to Measurement, Clinical Implications, and Therapeutic Opportunities. <i>Antioxidants and Redox Signaling</i> , 2008, 10, 1631-1674.	2.5	159
20	Mechanisms of Resolution of Inflammation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1001-1006.	1.1	147
21	Nitric oxide: a key regulator of myeloid inflammatory cell apoptosis. <i>Cell Death and Differentiation</i> , 2003, 10, 418-430.	5.0	137
22	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.	1.1	133
23	Antioxidants in Cardiovascular Therapy: Panacea or False Hope?. <i>Frontiers in Cardiovascular Medicine</i> , 2015, 2, 29.	1.1	130
24	Metal-organic frameworks for the storage and delivery of biologically active hydrogen sulfide. <i>Dalton Transactions</i> , 2012, 41, 4060.	1.6	128
25	Ruthenium complexes as nitric oxide scavengers: a potential therapeutic approach to nitric oxide-mediated diseases. <i>British Journal of Pharmacology</i> , 1997, 122, 1441-1449.	2.7	124
26	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.	2.7	117
27	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, 611-616.	2.8	114
28	Oral Vitamin C Reduces Arterial Stiffness and Platelet Aggregation in Humans. <i>Journal of Cardiovascular Pharmacology</i> , 1999, 34, 690-693.	0.8	108
29	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, 412-419.	1.0	105
30	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.	2.8	104
31	Iron-sulphur cluster nitrosyls, a novel class of nitric oxide generator: mechanism of vasodilator action on rat isolated tail artery. <i>British Journal of Pharmacology</i> , 1992, 107, 842-848.	2.7	102
32	NO-loaded Zn ²⁺ -exchanged zeolite materials: A potential bifunctional anti-bacterial strategy. <i>Acta Biomaterialia</i> , 2010, 6, 1515-1521.	4.1	93
33	Antiinflammatory, Gastroprotective, and Antiplatelet Properties of New NO-Donor Esters of Aspirin. <i>Journal of Medicinal Chemistry</i> , 2003, 46, 747-754.	2.9	92
34	Risk factors and mechanisms of anaphylactoid reactions to acetylcysteine in acetaminophen overdose. <i>Clinical Toxicology</i> , 2008, 46, 697-702.	0.8	90
35	Surface functionalization affects the zeta potential, coronal stability and membranolytic activity of polymeric nanoparticles. <i>Nanotoxicology</i> , 2014, 8, 202-211.	1.6	82
36	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.	1.4	79

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37	Nitric oxide donor drugs: current status and future trends. <i>Expert Opinion on Investigational Drugs</i> , 2002, 11, 587-601.	1.9	79
38	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, 1119-1128.	1.4	75
39	NiO and Co3O4 nanoparticles induce lung DTH-like responses and alveolar lipoproteinosis. <i>European Respiratory Journal</i> , 2012, 39, 546-557.	3.1	74
40	Reactive Oxygen Species (ROS), Intimal Thickening, and Subclinical Atherosclerotic Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 89.	1.1	74
41	Nitric oxide donor drugs. <i>Drugs of the Future</i> , 2000, 25, 701.	0.0	71
42	Depressed glutathione synthesis precedes oxidative stress and atherogenesis in Apo-E ^{-/-} /A ^{-/-} mice. <i>Biochemical and Biophysical Research Communications</i> , 2005, 338, 1368-1373.	1.0	66
43	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, 359-368.	1.4	63
44	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, 455-463.	1.0	63
45	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, 1047-1050.	2.7	61
46	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.	1.6	59
47	Principal component and causal analysis of structural and acute <i>in vitro</i> toxicity data for nanoparticles. <i>Nanotoxicology</i> , 2014, 8, 465-476.	1.6	57
48	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, 1549-1557.	2.7	55
49	Tuning the nitric oxide release from CPO-27 MOFs. <i>RSC Advances</i> , 2016, 6, 14059-14067.	1.7	55
50	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, 1236-1244.	2.7	54
51	Mechanism of action of novel NO-releasing furoxan derivatives of aspirin in human platelets. <i>British Journal of Pharmacology</i> , 2006, 148, 517-526.	2.7	51
52	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, 849-859.	2.7	50
53	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, 2653-2664.	2.4	49
54	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, 639-648.	2.7	48

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55	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, 319-326.	0.8	48
56	Therapeutic potential of N-acetylcysteine as an antiplatelet agent in patients with type-2 diabetes. <i>Cardiovascular Diabetology</i> , 2011, 10, 43.	2.7	46
57	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, 2920-2928.	2.9	44
58	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, 1-17.	1.9	44
59	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, 1390-1400.	1.5	43
60	Mitochondrial ROS cause motor deficits induced by synaptic inactivity: Implications for synapse pruning. <i>Redox Biology</i> , 2018, 16, 344-351.	3.9	43
61	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.	1.1	43
62	Novel Role for Low Molecular Weight Plasma Thiols in Nitric Oxide-mediated Control of Platelet Function. <i>Journal of Biological Chemistry</i> , 2002, 277, 46858-46863.	1.6	42
63	Sildenafil potentiates nitric oxide mediated inhibition of human platelet aggregation. <i>Biochemical and Biophysical Research Communications</i> , 2005, 337, 382-385.	1.0	40
64	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, 1617-1624.	2.7	39
65	Nitric Oxide Photogeneration from <i>trans</i> -Cr(cyclam)(ONO) ₂ ⁺ in a Reducing Environment. Activation of Soluble Guanylyl Cyclase and Arterial Vasorelaxation. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 715-722.	2.9	39
66	Clearance of dying cells and autoimmunity. <i>Autoimmunity</i> , 2007, 40, 267-273.	1.2	38
67	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, 1314-1323.	1.2	37
68	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.	2.7	36
69	Selective modifiers of glutathione biosynthesis and "repriming" of vascular smooth muscle photorelaxation. <i>British Journal of Pharmacology</i> , 2000, 130, 1575-1580.	2.7	35
70	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.	1.8	34
71	Photochemistry of <i>trans</i> -Cr(cyclam)(ONO) ₂ ⁺ , a Nitric Oxide Precursor. <i>Inorganic Chemistry</i> , 2011, 50, 4453-4462.	1.9	33
72	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, 1322-1332.	1.5	33

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73	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, 1391-1398.	2.7	31
74	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, 335-343.	1.7	31
75	Endothelial cell oxidative stress in diabetes: a key driver of cardiovascular complications?. <i>Biochemical Society Transactions</i> , 2014, 42, 928-933.	1.6	31
76	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, 263-270.	1.2	30
77	Acute Methionine Loading Does not Alter Arterial Stiffness in Humans. <i>Journal of Cardiovascular Pharmacology</i> , 2001, 37, 1-5.	0.8	29
78	Genetic association of the AKT1 gene with schizophrenia in a British population. <i>Psychiatric Genetics</i> , 2010, 20, 118-122.	0.6	29
79	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, 1229-1236.	1.0	28
80	Direct Vascular Effects of Protease-Activated Receptor Type 1 Agonism In Vivo in Humans. <i>Circulation</i> , 2006, 114, 1625-1632.	1.6	28
81	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.	1.5	28
82	Novel vanillin derivatives: Synthesis, anti-oxidant, DNA and cellular protection properties. <i>European Journal of Medicinal Chemistry</i> , 2018, 143, 745-754.	2.6	28
83	Synthesis of novel vanillin derivatives: novel multi-targeted scaffold ligands against Alzheimer's disease. <i>MedChemComm</i> , 2019, 10, 764-777.	3.5	28
84	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, 179-185.	2.7	25
85	2-ara-chidonyl 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, 180-188.	1.1	24
86	Lipids and cardiovascular disease: where does dietary intervention sit alongside statin therapy?. <i>Food and Function</i> , 2016, 7, 2603-2614.	2.1	22
87	Nitric Oxide and the Mechanism of Rat Vascular Smooth Muscle Photorelaxation. <i>Journal of Physiology</i> , 2003, 550, 819-828.	1.3	20
88	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.	1.3	20
89	12-hydroxyeicosatetraenoic acid is associated with variability in aspirin-induced platelet inhibition. <i>Journal of Inflammation</i> , 2014, 11, 33.	1.5	20
90	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.	1.1	19

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91	Nitric oxide and the resolution of inflammation: implications for atherosclerosis. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2005, 100, 67-71.	0.8	19
92	Antibacterial efficacy from NO-releasing MOF-polymer films. <i>Materials Advances</i> , 2020, 1, 2509-2519.	2.6	18
93	Synthesis, Decomposition, and Vasodilator Action of Some New S-Nitrosated Dipeptides. <i>Nitric Oxide - Biology and Chemistry</i> , 1998, 2, 193-202.	1.2	16
94	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.	2.5	16
95	Does oxidative stress contribute to toxicity in acute organophosphorus poisoning? â€” a systematic review of the evidence. <i>Clinical Toxicology</i> , 2020, 58, 437-452.	0.8	16
96	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, 440-451.	0.8	15
97	Sildenafil offers protection against NSAID-induced gastric injury. <i>British Journal of Pharmacology</i> , 2005, 146, 477-478.	2.7	15
98	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.	1.4	15
99	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.	1.6	15
100	Radial artery access site complications during cardiac procedures, clinical implications and potential solutions: The role of nitric oxide. <i>World Journal of Cardiology</i> , 2019, 12, 26-34.	0.5	15
101	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.	2.3	14
102	Therapeutic effects of nitric oxide-aspirin hybrid drugs. <i>Expert Opinion on Therapeutic Targets</i> , 2006, 10, 911-922.	1.5	14
103	Simultaneous and cooperative gas storage and gas production using bifunctional zeolites. <i>Chemical Communications</i> , 2008, , 6146.	2.2	13
104	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, 111-119.	1.7	12
105	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, 772-777.	1.1	12
106	Novel R-roscovitine NO-donor hybrid compounds as potential pro-resolution of inflammation agents. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 2107-2116.	1.4	12
107	Effects of acute methionine loading and vitamin C on endogenous fibrinolysis, endothelium-dependent vasomotion and platelet aggregation. <i>Clinical Science</i> , 2001, 100, 127.	1.8	11
108	A novel S-nitrosothiol causes prolonged and selective inhibition of platelet adhesion at sites of vascular injury. <i>Cardiovascular Research</i> , 2003, 57, 853-860.	1.8	11

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109	The TGM2 gene is associated with schizophrenia in a British population. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2009, 150B, 335-340.	1.1	11
110	Cyclic GMP protects human macrophages against peroxynitrite-induced apoptosis. Journal of Inflammation, 2009, 6, 14.	1.5	11
111	Inducible nitric oxide synthase activity does not contribute to the maintenance of peripheral vascular tone in patients with heart failure. Clinical Science, 2006, 111, 275-280.	1.8	10
112	NO and sGC-Stimulating NO Donors. Handbook of Experimental Pharmacology, 2009, , 247-276.	0.9	10
113	Acoustic speed and attenuation coefficient in sheep aorta measured at 5-9 MHz. Ultrasound in Medicine and Biology, 2006, 32, 971-980.	0.7	9
114	Food Intake and Dietary Glycaemic Index in Free-Living Adults with and without Type 2 Diabetes Mellitus. Nutrients, 2011, 3, 683-693.	1.7	9
115	Differential susceptibility to nitric oxide-evoked apoptosis in human inflammatory cells. Free Radical Biology and Medicine, 2011, 50, 93-101.	1.3	9
116	Therapeutic Potential of S-Nitrosothiols as Nitric Oxide Donor Drugs. Scottish Medical Journal, 1997, 42, 88-89.	0.7	8
117	Apoptosis and Atherosclerosis: The Role of Nitric Oxide. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2006, 5, 27-33.	1.1	8
118	Development and Characterization of Glutamyl-Protected <i>N</i> -Hydroxyguanidines as Reno-Active Nitric Oxide Donor Drugs with Therapeutic Potential in Acute Renal Failure. Journal of Medicinal Chemistry, 2013, 56, 5321-5334.	2.9	8
119	Continuous Subcutaneous Insulin Infusion in Patients With Type 2 Diabetes. Journal of Diabetes Science and Technology, 2015, 9, 573-580.	1.3	8
120	A new class of NO-donor pro-drugs triggered by $\hat{1}^3$ -glutamyl transpeptidase with potential for reno-selective vasodilatation. Chemical Communications, 2013, 49, 1389.	2.2	7
121	Search for schizophrenia susceptibility variants at the HLA-DRB1 locus among a British population. Immunogenetics, 2013, 65, 1-7.	1.2	7
122	The acute (immediate) effects of reflexology on arterial compliance in healthy volunteers: A randomised study. Complementary Therapies in Clinical Practice, 2016, 22, 16-20.	0.7	7
123	A genetic study of the NOS3 gene for ischemic stroke in a Chinese population. International Journal of General Medicine, 2008, 1, 65-8.	0.8	7
124	Preserved endothelial vasomotion and fibrinolytic function in patients with acute stent thrombosis or in-stent restenosis. Thrombosis Research, 2003, 111, 343-349.	0.8	6
125	Zeolites for storage and delivery of nitric oxide in human physiology. Studies in Surface Science and Catalysis, 2005, , 2033-2040.	1.5	6
126	No association between the PPARC gene and schizophrenia in a British population. Prostaglandins Leukotrienes and Essential Fatty Acids, 2009, 81, 273-277.	1.0	6

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127	Detection of circulating IgG antibodies to apolipoprotein B ₁₀₀ in acute myocardial infarction. <i>FEBS Open Bio</i> , 2015, 5, 712-716.	1.0	6
128	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.	1.3	6
129	S-nitrosothiols for nitrate tolerance. <i>Lancet, The</i> , 1999, 354, 338-339.	6.3	4
130	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.	1.1	4
131	Acetylcysteine has No Mechanistic Effect in Patients at Risk of Contrast-Induced Nephropathy: A Failure of Academic Clinical Science. <i>Clinical Pharmacology and Therapeutics</i> , 2022, 111, 1222-1238.	2.3	4
132	Glutathione supplementation to University of Wisconsin solution causes endothelial dysfunction. <i>Transplant Immunology</i> , 2007, 18, 146-150.	0.6	3
133	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.	0.0	3
134	LA-419, a nitric-oxide donor for the treatment of cardiovascular disorders. <i>Current Opinion in Investigational Drugs</i> , 2009, 10, 276-85.	2.3	3
135	A study of IgG antibodies to the ApoB protein in non-ST segment elevation acute coronary syndrome. <i>Scandinavian Cardiovascular Journal</i> , 2015, 49, 136-141.	0.4	2
136	Associations between circulating IgG antibodies to Apolipoprotein B100-derived peptide antigens and acute coronary syndrome in a Chinese Han population. <i>Bioscience Reports</i> , 2018, 38, .	1.1	2
137	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.	1.1	2
138	A novel electron paramagnetic resonance-based assay for prostaglandin H synthase-1 activity. <i>Journal of Inflammation</i> , 2006, 3, 12.	1.5	1
139	Type 2 diabetes managed by diet and lifestyle: HbA _{1c} can identify significant post-prandial hyperglycaemia. <i>Practical Diabetes</i> , 2012, 29, 58-60.	0.1	1
140	Diabetic fatty liver disease is associated with specific changes in blood-borne markers. <i>Diabetes/Metabolism Research and Reviews</i> , 2012, 28, 343-348.	1.7	1
141	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.	1.1	1
142	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.	1.1	1
143	Nitric Oxide Pathway Dysfunction Mediates Diesel Exhaust Inhalation Induced Vascular Dysfunction In Man. , 2010, , .		0
144	Diesel Exhaust Inhalation Induced Vascular Dysfunction: The Role Of Nitric Oxide. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
145	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, 101-105.	2.3	0
146	To clot or not to clot? That is a free radical question. <i>Journal of Physiology</i> , 2018, 596, 4805-4806.	1.3	0
147	RW3...Hyperglycaemia induces reversible changes to metabolism and cell function in cultured endothelial cells: implications for the link between diabetes and cardiovascular disease. , 2019, , .		0
148	P7...Consumption of antioxidant-rich drinks does not protect against endothelial dysfunction associated with a high-calorie meal challenge. , 2019, , .		0
149	P0917N-ACETYL CYSTEINE FAILS TO IMPACT ON PLASMA ANTIOXIDANT CAPACITY IN BOTH A PLACEBO CONTROLLED CROSSOVER STUDY AND A PARALLEL GROUP TRIAL OF PATIENTS WITH CKD STAGE III: IMPLICATIONS FOR ITS USE AS A PROPHYLACTIC FOR CONTRAST INDUCED NEPHROPATHY. <i>Nephrology Dialysis Transplantation</i> , 2020, 35, .	0.4	0
150	Cigarette Smoking, Inflammation, and Obesity. , 2007, , 43-61.		0
151	Endocannabinoid Blockade and the Cardiovascular System. <i>Current Drug Therapy</i> , 2009, 4, 111-116.	0.2	0