

Ian L Megson

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1574932/ian-l-megson-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
143	Recent developments in nitric oxide donor drugs. <i>British Journal of Pharmacology</i> , 2007 , 151, 305-21	8.6	442
142	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
141	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
140	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
139	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
138	Non-heme iron nitrosyls in biology. <i>Chemical Reviews</i> , 2002 , 102, 1155-66	68.1	286
137	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
136	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
135	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
134	Vascular effects of apelin in vivo in man. <i>Journal of the American College of Cardiology</i> , 2008 , 52, 908-13	15.1	236
133	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
132	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
131	NO-releasing zeolites and their antithrombotic properties. <i>Journal of the American Chemical Society</i> , 2006 , 128, 502-9	16.4	201
130	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
129	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
128	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

127	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
126	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
125	Mechanisms of resolution of inflammation: a focus on cardiovascular disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1001-6	9.4	121
124	Nitric oxide: a key regulator of myeloid inflammatory cell apoptosis. <i>Cell Death and Differentiation</i> , 2003 , 10, 418-30	12.7	118
123	Metal-organic frameworks for the storage and delivery of biologically active hydrogen sulfide. <i>Dalton Transactions</i> , 2012 , 41, 4060-6	4.3	116
122	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
121	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
120	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
119	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
118	Oral vitamin C reduces arterial stiffness and platelet aggregation in humans. <i>Journal of Cardiovascular Pharmacology</i> , 1999 , 34, 690-3	3.1	95
117	Antioxidants in Cardiovascular Therapy: Panacea or False Hope?. <i>Frontiers in Cardiovascular Medicine</i> , 2015 , 2, 29	5.4	94
116	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, 842-8	8.6	88
115	NO-loaded Zn(2+)-exchanged zeolite materials: a potential bifunctional anti-bacterial strategy. <i>Acta Biomaterialia</i> , 2010 , 6, 1515-21	10.8	85
114	Antiinflammatory, gastrosparing, and antiplatelet properties of new NO-donor esters of aspirin. <i>Journal of Medicinal Chemistry</i> , 2003 , 46, 747-54	8.3	84
113	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
112	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
111	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
110	Risk factors and mechanisms of anaphylactoid reactions to acetylcysteine in acetaminophen overdose. <i>Clinical Toxicology</i> , 2008 , 46, 697-702	2.9	73

109	Nitric oxide donor drugs. <i>Drugs of the Future</i> , 2000 , 25, 701	2.3	71
108	Surface functionalization affects the zeta potential, coronal stability and membranolytic activity of polymeric nanoparticles. <i>Nanotoxicology</i> , 2014 , 8, 202-11	5.3	68
107	NiO and Co3O4 nanoparticles induce lung DTH-like responses and alveolar lipoproteinosis. <i>European Respiratory Journal</i> , 2012 , 39, 546-57	13.6	64
106	Nitric oxide donor drugs: current status and future trends. <i>Expert Opinion on Investigational Drugs</i> , 2002 , 11, 587-601	5.9	64
105	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
104	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
103	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
102	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
101	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
100	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
99	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
98	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
97	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
96	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
95	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
94	Tuning the nitric oxide release from CPO-27 MOFs. <i>RSC Advances</i> , 2016 , 6, 14059-14067	3.7	43
93	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
92	Reactive Oxygen Species (ROS), Intimal Thickening, and Subclinical Atherosclerotic Disease. <i>Frontiers in Cardiovascular Medicine</i> , 2019 , 6, 89	5.4	40

91	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
90	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
89	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
88	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
87	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
86	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
85	Clearance of dying cells and autoimmunity. <i>Autoimmunity</i> , 2007 , 40, 267-73	3	34
84	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
83	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
82	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
81	Mitochondrial ROS cause motor deficits induced by synaptic inactivity: Implications for synapse pruning. <i>Redox Biology</i> , 2018 , 16, 344-351	11.3	31
80	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
79	Sildenafil potentiates nitric oxide mediated inhibition of human platelet aggregation. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 337, 382-5	3.4	30
78	Inducible nitric oxide synthase-derived superoxide contributes to hypereactivity 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
77	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
76	Acute methionine loading does not alter arterial stiffness in humans. <i>Journal of Cardiovascular Pharmacology</i> , 2001 , 37, 1-5	3.1	29
75	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
74	Endothelial cell oxidative stress in diabetes: a key driver of cardiovascular complications?. <i>Biochemical Society Transactions</i> , 2014 , 42, 928-33	5.1	28

73	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
72	Photochemistry of trans-Cr(cyclam)(ONO) ₂ ⁺ , a nitric oxide precursor. <i>Inorganic Chemistry</i> , 2011 , 50, 4453-62	3.6	28
71	A novel hybrid aspirin-NO-releasing compound inhibits TNF α release from LPS-activated human monocytes and macrophages. <i>Journal of Inflammation</i> , 2008 , 5, 12	6.7	27
70	Direct vascular effects of protease-activated receptor type 1 agonism in vivo in humans. <i>Circulation</i> , 2006 , 114, 1625-32	16.7	26
69	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
68	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
67	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
66	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
65	Synthesis of novel vanillin derivatives: novel multi-targeted scaffold ligands against Alzheimer's disease. <i>MedChemComm</i> , 2019 , 10, 764-777	5	20
64	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
63	Genetic association of the AKT1 gene with schizophrenia in a British population. <i>Psychiatric Genetics</i> , 2010 , 20, 118-22	2.9	20
62	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
61	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
60	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
59	Lipids and cardiovascular disease: where does dietary intervention sit alongside statin therapy?. <i>Food and Function</i> , 2016 , 7, 2603-14	6.1	17
58	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
57	Nitric oxide and the mechanism of rat vascular smooth muscle photorelaxation. <i>Journal of Physiology</i> , 2003 , 550, 819-28	3.9	16
56	12-hydroxyeicosatetraenoic acid is associated with variability in aspirin-induced platelet inhibition. <i>Journal of Inflammation</i> , 2014 , 11, 33	6.7	15

55	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
54	Sildenafil offers protection against NSAID-induced gastric injury. <i>British Journal of Pharmacology</i> , 2005 , 146, 477-8	8.6	14
53	Simultaneous and cooperative gas storage and gas production using bifunctional zeolites. <i>Chemical Communications</i> , 2008 , 6146-8	5.8	13
52	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
51	Therapeutic effects of nitric oxide-aspirin hybrid drugs. <i>Expert Opinion on Therapeutic Targets</i> , 2006 , 10, 911-22	6.4	13
50	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
49	Synthesis, decomposition, and vasodilator action of some new S-nitrosated dipeptides. <i>Nitric Oxide - Biology and Chemistry</i> , 1998 , 2, 193-202	5	13
48	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
47	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
46	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
45	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
44	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
43	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
42	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
41	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
40	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
39	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
38	Cyclic GMP protects human macrophages against peroxynitrite-induced apoptosis. <i>Journal of Inflammation</i> , 2009 , 6, 14	6.7	9

37	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
36	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
35	Therapeutic potential of S-nitrosothiols as nitric oxide donor drugs. <i>Scottish Medical Journal</i> , 1997 , 42, 88-9	1.8	8
34	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
33	Antibacterial efficacy from NO-releasing MOF polymer films. <i>Materials Advances</i> , 2020 , 1, 2509-2519	3.3	7
32	A new class of NO-donor pro-drugs triggered by α -glutamyl transpeptidase with potential for reno-selective vasodilatation. <i>Chemical Communications</i> , 2013 , 49, 1389-91	5.8	7
31	Search for schizophrenia susceptibility variants at the HLA-DRB1 locus among a British population. <i>Immunogenetics</i> , 2013 , 65, 1-7	3.2	7
30	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
29	NO and sGC-stimulating NO donors. <i>Handbook of Experimental Pharmacology</i> , 2009 , 247-76	3.2	7
28	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
27	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
26	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
25	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
24	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
23	Detection of circulating IgG antibodies to apolipoprotein B100 in acute myocardial infarction. <i>FEBS Open Bio</i> , 2015 , 5, 712-6	2.7	5
22	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
21	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
20	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

19	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
18	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
17	S-nitrosothiols for nitrate tolerance. <i>Lancet, The</i> , 1999 , 354, 338-9	4.0	4
16	Glutathione supplementation to University of Wisconsin solution causes endothelial dysfunction. <i>Transplant Immunology</i> , 2007 , 18, 146-50	1.7	3
15	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
14	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
13	LA-419, a nitric-oxide donor for the treatment of cardiovascular disorders. <i>Current Opinion in Investigational Drugs</i> , 2009 , 10, 276-85		3
12	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
11	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
10	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}	3.7	2
9	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
8	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
7	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
6	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}	3.7	1
5	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
4	To clot or not to clot? That is a free radical question. <i>Journal of Physiology</i> , 2018 , 596, 4805-4806	3.9	
3	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	
2	A novel electron paramagnetic resonance-based assay for prostaglandin H synthase-1 activity. <i>Journal of Inflammation</i> , 2006 , 3, 12	6.7	

1 Cigarette Smoking, Inflammation, and Obesity **2007**, 43-61