Judy B De Haan

List of Publications by Year
in descending order

66 papers	3,903 citations	101384 36 h-index	123241 61 g-index
69 all docs	69 docs citations	69 times ranked	5686 citing authors

#	Article	IF	Citations
1	Animal models of diabetesâ€associated vascular diseases: an update on available models and experimental analysis. British Journal of Pharmacology, 2022, 179, 748-769.	2.7	8
2	Targeting Nrf2 for the treatment of Duchenne Muscular Dystrophy. Redox Biology, 2021, 38, 101803.	3.9	25
3	Specific NLRP3 Inhibition Protects Against Diabetes-Associated Atherosclerosis. Diabetes, 2021, 70, 772-787.	0.3	84
4	SOD2 in skeletal muscle: New insights from an inducible deletion model. Redox Biology, 2021, 47, 102135.	3.9	14
5	Dimethyl Fumarate and Its Esters: A Drug with Broad Clinical Utility?. Pharmaceuticals, 2020, 13, 306.	1.7	52
6	Characterising an Alternative Murine Model of Diabetic Cardiomyopathy. Frontiers in Physiology, 2019, 10, 1395.	1.3	29
7	NFÎºB Inhibition Mitigates Serum Amyloid A-Induced Pro-Atherogenic Responses in Endothelial Cells and Leukocyte Adhesion and Adverse Changes to Endothelium Function in Isolated Aorta. International Journal of Molecular Sciences, 2019, 20, 105.	1.8	13
8	Recent novel approaches to limit oxidative stress and inflammation in diabetic complications. Clinical and Translational Immunology, 2018, 7, e1016.	1.7	119
9	What effect does regular exercise have on oxidative stress in people with Down syndrome? A systematic review with meta-analyses. Journal of Science and Medicine in Sport, 2018, 21, 596-603.	0.6	9
10	A novel synthetic small molecule DMFO targets Nrf2 in modulating proinflammatory/antioxidant mediators to ameliorate inflammation. Free Radical Research, 2018, 52, 1140-1157.	1.5	10
11	Oxidative Stress and NLRP3-Inflammasome Activity as Significant Drivers of Diabetic Cardiovascular Complications: Therapeutic Implications. Frontiers in Physiology, 2018, 9, 114.	1.3	150
12	Targeting Oxidative Stress in Diabetic Complications: New Insights. Journal of Diabetes Research, 2018, 2018, 1-2.	1.0	14
13	Nrf2 Activation Is a Potential Therapeutic Approach to Attenuate Diabetic Retinopathy. , 2018, 59, 815.		58
14	Protective Effect of Inflammasome Activation by Hydrogen Peroxide in a Mouse Model of Septic Shock. Critical Care Medicine, 2017, 45, e184-e194.	0.4	9
15	The superoxide dismutase mimetic tempol blunts diabetes-induced upregulation of NADPH oxidase and endoplasmic reticulum stress in a rat model of diabetic nephropathy. European Journal of Pharmacology, 2017, 807, 12-20.	1.7	39
16	Does lack ofglutathione peroxidase 1gene expression exacerbate lung injury induced by neonatal hyperoxia in mice?. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L115-L125.	1.3	10
17	The nuclear factor (erythroid-derived 2)-like 2 (Nrf2) activator dh404 protects against diabetes-induced endothelial dysfunction. Cardiovascular Diabetology, 2017, 16, 33.	2.7	80
18	JNK Activation of BIM Promotes Hepatic Oxidative Stress, Steatosis, and Insulin Resistance in Obesity. Diabetes, 2017, 66, 2973-2986.	0.3	21

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19	A potent Nrf2 activator, dh404, bolsters antioxidant capacity in glial cells and attenuates ischaemic retinopathy. Clinical Science, 2016, 130, 1375-1387.	1.8	27
20	Lack of glutathione peroxidase-1 facilitates a pro-inflammatory and activated vascular endothelium. Vascular Pharmacology, 2016, 79, 32-42.	1.0	37
21	Nanoporous Metalâ€“Phenolic Particles as Ultrasound Imaging Probes for Hydrogen Peroxide. Advanced Healthcare Materials, 2015, 4, 2170-2175.	3.9	57
22	Targeting Mitochondria and Reactive Oxygen Species-Driven Pathogenesis in Diabetic Nephropathy. Review of Diabetic Studies, 2015, 12, 134-156.	0.5	80
23	Inactivation of Protein Tyrosine Phosphatases Enhances Interferon Signaling in Pancreatic Islets. Diabetes, 2015, 64, 2489-2496.	0.3	17
24	Direct Endothelial Nitric Oxide Synthase Activation Provides Atheroprotection in Diabetes-Accelerated Atherosclerosis. Diabetes, 2015, 64, 3937-3950.	0.3	60
25	Are reactive oxygen species still the basis for diabetic complications?. Clinical Science, 2015, 129, 199-216.	1.8	74
26	Ebselen by modulating oxidative stress improves hypoxia-induced macroglial MÃ¼ller cell and vascular injury in the retina. Experimental Eye Research, 2015, 136, 1-8.	1.2	38
27	Plasmalogen modulation attenuates atherosclerosis in ApoE- and ApoE/GPx1-deficient mice. Atherosclerosis, 2015, 243, 598-608.	0.4	51
28	Late-intervention study with ebselen in an experimental model of type 1 diabetic nephropathy. Free Radical Research, 2015, 49, 219-227.	1.5	8
29	Limiting reductive stress for treating in-stent stenosis: the heart of the matter?. Journal of Clinical Investigation, 2014, 124, 5092-5094.	3.9	9
30	Combating oxidative stress in diabetic complications with Nrf2 activators: How much is too much?. Redox Report, 2014, 19, 107-117.	1.4	69
31	Derivative of Bardoxolone Methyl, dh404, in an Inverse Dose-Dependent Manner Lessens Diabetes-Associated Atherosclerosis and Improves Diabetic Kidney Disease. Diabetes, 2014, 63, 3091-3103.	0.3	99
32	The ethical dimension in published animal research in critical care: the dark side of our moon. Critical Care, 2014, 18, 120.	2.5	6
33	Reactive Oxygen Species and Diabetes-Associated Atherosclerosis â€“ Evidence from Experimental Models and Targeted Antioxidant Therapy. , 2014, , 3467-3491.		1
34	Vascular Reactive Oxygen Species Biology â€“ Insights from Transgenic and Knockout Mouse Models. , 2014, , 1091-1122.		0
35	Effects of exercise training and RhoA/ROCK inhibition on plaque in ApoEâ^'/â^' mice. International Journal of Cardiology, 2013, 167, 1282-1288.	0.8	8
36	NADPH Oxidase 1 Plays a Key Role in Diabetes Mellitusâ€“Accelerated Atherosclerosis. Circulation, 2013, 127, 1888-1902.	1.6	325

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37	Lack of the Antioxidant Glutathione Peroxidase-1 (GPx1) Exacerbates Retinopathy of Prematurity in Mice. , 2013, 54, 555.		40
38	Ensuring Animal Welfare While Meeting Scientific Aims Using a Murine Pneumonia Model of Septic Shock. Shock, 2013, 39, 488-494.	1.0	60
39	An Apolipoprotein A-I Mimetic Peptide Designed with a Reductionist Approach Stimulates Reverse Cholesterol Transport and Reduces Atherosclerosis in Mice. PLoS ONE, 2013, 8, e68802.	1.1	28
40	The Modified Selenenyl Amide, M-hydroxy Ebselen, Attenuates Diabetic Nephropathy and Diabetes-Associated Atherosclerosis in ApoE/GPx1 Double Knockout Mice. PLoS ONE, 2013, 8, e69193.	1.1	31
41	Novel pathways and therapies in experimental diabetic atherosclerosis. Expert Review of Cardiovascular Therapy, 2012, 10, 323-335.	0.6	10
42	Targeting Endothelial Dysfunction in Vascular Complications Associated with Diabetes. International Journal of Vascular Medicine, 2012, 2012, 1-12.	0.4	57
43	Effects of exercise and antioxidant supplementation on endothelial gene expression. International Journal of Cardiology, 2012, 158, 59-65.	0.8	14
44	Cell division autoantigen 1 enhances signaling and the profibrotic effects of transforming growth factor-Î² in diabetic nephropathy. Kidney International, 2011, 79, 199-209.	2.6	25
45	Nrf2 Activators as Attractive Therapeutics for Diabetic Nephropathy. Diabetes, 2011, 60, 2683-2684.	0.3	140
46	Role of Oxidative Stress and Targeted Antioxidant Therapies in Experimental Models of Diabetic Complications. , 2011, , 3-38.		0
47	Imatinib inhibits vascular smooth muscle proteoglycan synthesis and reduces LDL binding in vitro and aortic lipid deposition in vivo. Journal of Cellular and Molecular Medicine, 2010, 14, 1408-1418.	1.6	61
48	Antiatherosclerotic and Renoprotective Effects of Ebselen in the Diabetic Apolipoprotein E/GPx1-Double Knockout Mouse. Diabetes, 2010, 59, 3198-3207.	0.3	114
49	Site-Specific Antiatherogenic Effect of the Antioxidant Ebselen in the Diabetic Apolipoprotein Eâ€“Deficient Mouse. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 823-830.	1.1	86
50	Lack of the Antioxidant Enzyme Glutathione Peroxidase-1 Accelerates Atherosclerosis in Diabetic Apolipoprotein Eâ€“Deficient Mice. Circulation, 2007, 115, 2178-2187.	1.6	233
51	Retinal Light Damage: Structural and Functional Effects of the Antioxidant Glutathione Peroxidase-1. , 2006, 47, 2613.		33
52	Lack of the antioxidant glutathione peroxidase-1 does not increase atherosclerosis in C57BL/J6 mice fed a high-fat diet. Journal of Lipid Research, 2006, 47, 1157-1167.	2.0	52
53	Phagocyte-Derived Reactive Oxygen Species Do Not Influence the Progression of Murine Blood-Stage Malaria Infections. Infection and Immunity, 2005, 73, 4941-4947.	1.0	42
54	Kidney expression of glutathione peroxidase-1 is not protective against streptozotocin-induced diabetic nephropathy. American Journal of Physiology - Renal Physiology, 2005, 289, F544-F551.	1.3	60

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55	Fibroblasts derived from Gpx1 knockout mice display senescent-like features and are susceptible to H2O2-mediated cell death. Free Radical Biology and Medicine, 2004, 36, 53-64.	1.3	67
56	Glutathione Peroxidase-1 Contributes to the Neuroprotection Seen in the Superoxide Dismutase-1 Transgenic Mouse in Response to Ischemia/Reperfusion Injury. Journal of Cerebral Blood Flow and Metabolism, 2003, 23, 19-22.	2.4	55
57	An imbalance in antioxidant defense affects cellular function: the pathophysiological consequences of a reduction in antioxidant defense in the glutathione peroxidase-1 (Gpx1) knockout mouse. Redox Report, 2003, 8, 69-79.	1.4	85
58	An altered antioxidant balance occurs in Down syndrome fetal organs: Implications for the â€œgene dosage effectâ€•hypothesis. Journal of Neural Transmission Supplementum, 2003, , 67-83.	0.5	39
59	Mice Lacking Glutathione Peroxidase-1 Activity Show Increased Tunel Staining and an Accelerated Inflammatory Response in Brain Following a Cold-Induced Injury. Experimental Neurology, 2002, 177, 9-20.	2.0	44
60	Mice with a Homozygous Null Mutation for the Most Abundant Glutathione Peroxidase, Gpx1, Show Increased Susceptibility to the Oxidative Stress-inducing Agents Paraquat and Hydrogen Peroxide. Journal of Biological Chemistry, 1998, 273, 22528-22536.	1.6	385
61	Reactive Oxygen Species and Their Contribution to Pathology in Down Syndrome. Advances in Pharmacology, 1996, 38, 379-402.	1.2	71
62	Elevation in the Ratio of Cu/Zn-Superoxide Dismutase to Glutathione Peroxidase Activity Induces Features of Cellular Senescence and This Effect Is Mediated by Hydrogen Peroxide. Human Molecular Genetics, 1996, 5, 283-292.	1.4	208
63	Changes in the levels of enzymes which modulate the antioxidant balance occur during aging and correlate with cellular damage. Mechanisms of Ageing and Development, 1995, 80, 93-105.	2.2	49
64	Cu/Zn superoxide dismutase mRNA and enzyme activity, and susceptibility to lipid peroxidation, increases with aging in murine brains. Molecular Brain Research, 1992, 13, 179-187.	2.5	89
65	Localization of four human chromosome 21 genes—SOD1, ETS2, IFNAR, and CBR—to two different chromosomes in the marsupial species Macropus eugenii. Cytogenetic and Genome Research, 1992, 61, 25-28.	0.6	6
66	Effect of thymidine analogs on tyrosinase activity and mRNA accumulation in mouse melanoma cells. Experimental Cell Research, 1990, 188, 36-41.	1.2	8