

Raelene J Pickering

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,663
citations

257450

24
h-index

414414

32
g-index

32
all docs

32
docs citations

32
times ranked

3258
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic <i>Ace2</i> Deficiency Accentuates Vascular Inflammation and Atherosclerosis in the <i>ApoE</i> Knockout Mouse. <i>Circulation Research</i> , 2010, 107, 888-897.	4.5	213
2	Protective Effect of let-7 miRNA Family in Regulating Inflammation in Diabetes-Associated Atherosclerosis. <i>Diabetes</i> , 2017, 66, 2266-2277.	0.6	130
3	Recent novel approaches to limit oxidative stress and inflammation in diabetic complications. <i>Clinical and Translational Immunology</i> , 2018, 7, e1016.	3.8	119
4	Nanobody cocktails potently neutralize SARS-CoV-2 D614G N501Y variant and protect mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	109
5	Candesartan Attenuates Diabetic Retinal Vascular Pathology by Restoring Glyoxalase-I Function. <i>Diabetes</i> , 2010, 59, 3208-3215.	0.6	95
6	Transient Intermittent Hyperglycemia Accelerates Atherosclerosis by Promoting Myelopoiesis. <i>Circulation Research</i> , 2020, 127, 877-892.	4.5	77
7	Dicarbonyl Stress in the Absence of Hyperglycemia Increases Endothelial Inflammation and Atherogenesis Similar to That Observed in Diabetes. <i>Diabetes</i> , 2014, 63, 3915-3925.	0.6	74
8	Relationship Between Levels of Advanced Glycation End Products and Their Soluble Receptor and Adverse Outcomes in Adults With Type 2 Diabetes. <i>Diabetes Care</i> , 2015, 38, 1891-1897.	8.6	62
9	Alagebrium Reduces Glomerular Fibrogenesis and Inflammation Beyond Preventing RAGE Activation in Diabetic Apolipoprotein E Knockout Mice. <i>Diabetes</i> , 2012, 61, 2105-2113.	0.6	60
10	Lipoxins Protect Against Inflammation in Diabetes-Associated Atherosclerosis. <i>Diabetes</i> , 2018, 67, 2657-2667.	0.6	60
11	Transactivation of RAGE mediates angiotensin-induced inflammation and atherogenesis. <i>Journal of Clinical Investigation</i> , 2018, 129, 406-421.	8.2	59
12	Interaction of diabetes and ACE2 in the pathogenesis of cardiovascular disease in experimental diabetes. <i>Clinical Science</i> , 2012, 123, 519-529.	4.3	53
13	Osteoprotegerin promotes vascular fibrosis via a TGF- β 1 autocrine loop. <i>Atherosclerosis</i> , 2011, 218, 61-68.	0.8	51
14	Activation of the Renin-Angiotensin System Mediates the Effects of Dietary Salt Intake on Atherogenesis in the Apolipoprotein E Knockout Mouse. <i>Hypertension</i> , 2012, 60, 98-105.	2.7	48
15	Lipoxins Regulate the Early Growth Response-1 Network and Reverse Diabetic Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1437-1448.	6.1	48
16	Measles virus hemagglutinin protein expressed in transgenic lettuce induces neutralising antibodies in mice following mucosal vaccination. <i>Vaccine</i> , 2006, 24, 3538-3544.	3.8	43
17	ACE2 deficiency shifts energy metabolism towards glucose utilization. <i>Metabolism: Clinical and Experimental</i> , 2015, 64, 406-415.	3.4	39
18	The superoxide dismutase mimetic tempol blunts diabetes-induced upregulation of NADPH oxidase and endoplasmic reticulum stress in a rat model of diabetic nephropathy. <i>European Journal of Pharmacology</i> , 2017, 807, 12-20.	3.5	39

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19	Lack of glutathione peroxidase-1 facilitates a pro-inflammatory and activated vascular endothelium. <i>Vascular Pharmacology</i> , 2016, 79, 32-42.	2.1	37
20	Short-Term Treatment with Diminazene Aceturate Ameliorates the Reduction in Kidney ACE2 Activity in Rats with Subtotal Nephrectomy. <i>PLoS ONE</i> , 2015, 10, e0118758.	2.5	36
21	Crude saponins improve the immune response to an oral plant-made measles vaccine. <i>Vaccine</i> , 2006, 24, 144-150.	3.8	34
22	Role of bone-marrow- and non-bone-marrow-derived receptor for advanced glycation end-products (RAGE) in a mouse model of diabetes-associated atherosclerosis. <i>Clinical Science</i> , 2014, 127, 485-497.	4.3	32
23	Angiotensin-converting enzyme 2 regulates renal atrial natriuretic peptide through angiotensin-(1-7). <i>Clinical Science</i> , 2012, 123, 29-37.	4.3	26
24	Relationship Between Plasma 8-Deoxyguanosine and Cardiovascular Disease and Survival in Type 2 Diabetes Mellitus: Results From the ADVANCE Trial. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	26
25	RAGE Deletion Confers Renoprotection by Reducing Responsiveness to Transforming Growth Factor- β^2 and Increasing Resistance to Apoptosis. <i>Diabetes</i> , 2018, 67, 960-973.	0.6	23
26	Cultivation of <i>E. coli</i> carrying a plasmid-based Measles vaccine construct (4.2 kbp pcDNA3F) employing medium optimisation and pH-temperature induction techniques. <i>Microbial Cell Factories</i> , 2011, 10, 16.	4.0	18
27	Is there a role for plant-made vaccines in the prevention of HIV/AIDS?. <i>Immunology and Cell Biology</i> , 2005, 83, 239-247.	2.3	16
28	Association of dietary sodium intake with atherogenesis in experimental diabetes and with cardiovascular disease in patients with Type 1 diabetes. <i>Clinical Science</i> , 2013, 124, 617-626.	4.3	15
29	A novel synthetic small molecule DMFO targets Nrf2 in modulating proinflammatory/antioxidant mediators to ameliorate inflammation. <i>Free Radical Research</i> , 2018, 52, 1140-1157.	3.3	10
30	Protective Effect of Inflammasome Activation by Hydrogen Peroxide in a Mouse Model of Septic Shock. <i>Critical Care Medicine</i> , 2017, 45, e184-e194.	0.9	9
31	Circulating Soluble ACE2 Plays an Independent Role to Protect against Vascular Damage in Diabetic Mice. <i>Antioxidants</i> , 2022, 11, 987.	5.1	1