

Ishwarlal Jialal,, Frcpath, Dabcc, Dabel

List of Publications by Citations

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104
papers

2,746
citations

25
h-index

51
g-index

123
ext. papers

3,148
ext. citations

3.3
avg, IF

5.68
L-index

#	Paper	IF	Citations
104	C-reactive protein: risk marker or mediator in atherothrombosis?. <i>Hypertension</i> , 2004 , 44, 6-11	8.5	442
103	Toll-like receptor status in obesity and metabolic syndrome: a translational perspective. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 39-48	5.6	156
102	Human C-reactive protein and the metabolic syndrome. <i>Current Opinion in Lipidology</i> , 2009 , 20, 182-9	4.4	156
101	Evidence of increased inflammation and microcirculatory abnormalities in patients with type 1 diabetes and their role in microvascular complications. <i>Diabetes</i> , 2007 , 56, 2790-6	0.9	140
100	Adipose tissue dysregulation in patients with metabolic syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E1782-8	5.6	137
99	Increased toll-like receptor activity in patients with metabolic syndrome. <i>Diabetes Care</i> , 2012 , 35, 900-4	14.6	128
98	Increased chemerin and decreased omentin-1 in both adipose tissue and plasma in nascent metabolic syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E514-7	5.6	105
97	Adipose tissue dysfunction in nascent metabolic syndrome. <i>Journal of Obesity</i> , 2013 , 2013, 393192	3.7	105
96	Divergence between LDL Oxidative Susceptibility and Urinary F2-Isoprostanes as Measures of Oxidative Stress in Type 2 Diabetes. <i>Clinical Chemistry</i> , 2001 , 47, 1974-1979	5.5	95
95	The role of oxidized low density lipoprotein in atherogenesis. <i>Journal of Nutrition</i> , 1996 , 126, 1053S-7S	4.1	92
94	Metabolic syndrome is an inflammatory disorder: A conspiracy between adipose tissue and phagocytes. <i>Clinica Chimica Acta</i> , 2019 , 496, 35-44	6.2	90
93	Hyperglycemia induces Toll-like receptor-2 and -4 expression and activity in human microvascular retinal endothelial cells: implications for diabetic retinopathy. <i>Journal of Diabetes Research</i> , 2014 , 2014, 790902	3.9	79
92	Increased cellular and circulating biomarkers of oxidative stress in nascent metabolic syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E1844-50	5.6	72
91	The Role of Toll-Like Receptors in Diabetes-Induced Inflammation: Implications for Vascular Complications. <i>Current Diabetes Reports</i> , 2012 , 12, 172	5.6	61
90	Toll-like receptors 2 and 4 mediate hyperglycemia induced macrovascular aortic endothelial cell inflammation and perturbation of the endothelial glycocalyx. <i>Journal of Diabetes and Its Complications</i> , 2016 , 30, 563-72	3.2	52
89	Global Toll-like receptor 4 knockout results in decreased renal inflammation, fibrosis and podocytopathy. <i>Journal of Diabetes and Its Complications</i> , 2014 , 28, 755-61	3.2	50
88	CRP and adiponectin and its oligomers in the metabolic syndrome: evaluation of new laboratory-based biomarkers. <i>American Journal of Clinical Pathology</i> , 2008 , 129, 815-22	1.9	45

87	Increased adipose tissue secretion of Fetuin-A, lipopolysaccharide-binding protein and high-mobility group box protein 1 in metabolic syndrome. <i>Atherosclerosis</i> , 2015 , 241, 130-7	3.1	44
86	Exploratory metabolomics of metabolic syndrome: A status report. <i>World Journal of Diabetes</i> , 2019 , 10, 23-36	4.7	42
85	Role of C-reactive protein in the assessment of cardiovascular risk. <i>American Journal of Cardiology</i> , 2003 , 91, 200-2	3	37
84	Comparison of cardiac troponin I and lactate dehydrogenase isoenzymes for the late diagnosis of myocardial injury. <i>American Journal of Clinical Pathology</i> , 1996 , 106, 705-8	1.9	33
83	Increased adipose tissue insulin resistance in metabolic syndrome: relationship to circulating adipokines. <i>Metabolic Syndrome and Related Disorders</i> , 2014 , 12, 503-7	2.6	31
82	Endotoxemia of metabolic syndrome: a pivotal mediator of meta-inflammation. <i>Metabolic Syndrome and Related Disorders</i> , 2014 , 12, 454-6	2.6	30
81	Management of hypertriglyceridemia in the diabetic patient. <i>Current Diabetes Reports</i> , 2010 , 10, 316-20	5.6	28
80	Management of diabetic dyslipidemia: An update. <i>World Journal of Diabetes</i> , 2019 , 10, 280-290	4.7	26
79	Amino acid levels in nascent metabolic syndrome: A contributor to the pro-inflammatory burden. <i>Journal of Diabetes and Its Complications</i> , 2018 , 32, 465-469	3.2	24
78	Antioxidants and vitamins to reduce cardiovascular disease. <i>Current Atherosclerosis Reports</i> , 2000 , 2, 342-51	6	24
77	Increased mast cell abundance in adipose tissue of metabolic syndrome: relevance to the proinflammatory state and increased adipose tissue fibrosis. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 316, E504-E509	6	24
76	Increased neutrophil count in nascent metabolic syndrome. <i>Metabolic Syndrome and Related Disorders</i> , 2013 , 11, 128-31	2.6	21
75	Subcutaneous adipose tissue biology in metabolic syndrome. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2018 , 33,	1.3	20
74	Hyperglycemia Induces Toll-Like Receptor Activity Through Increased Oxidative Stress. <i>Metabolic Syndrome and Related Disorders</i> , 2016 , 14, 239-41	2.6	20
73	Increased eosinophils in adipose tissue of metabolic syndrome. <i>Journal of Diabetes and Its Complications</i> , 2019 , 33, 535-538	3.2	18
72	Investigation into the interference of the monoclonal antibody daratumumab on the free light chain assay. <i>Clinical Biochemistry</i> , 2016 , 49, 1202-1204	3.5	18
71	Exploratory lipidomics in patients with nascent Metabolic Syndrome. <i>Journal of Diabetes and Its Complications</i> , 2018 , 32, 791-794	3.2	18
70	Cadmium and atherosclerosis: Heavy metal or singing the blues?. <i>Atherosclerosis</i> , 2016 , 249, 230-2	3.1	14

69	Detection by immunofixation of M proteins in hypogammaglobulinemic patients with normal serum protein electrophoresis results. <i>American Journal of Clinical Pathology</i> , 2007 , 127, 746-51	1.9	14
68	Exploratory metabolomics of nascent metabolic syndrome. <i>Journal of Diabetes and Its Complications</i> , 2019 , 33, 212-216	3.2	13
67	Fetuin-A is also an adipokine. <i>Lipids in Health and Disease</i> , 2019 , 18, 73	4.4	12
66	Pseudoinsulinoma in a white man with autoimmune hypoglycemia due to anti-insulin antibodies: value of the free C-Peptide assay. <i>American Journal of Clinical Pathology</i> , 2014 , 142, 689-93	1.9	12
65	Dysregulation of monocyte biology in metabolic syndrome. <i>Expert Review of Endocrinology and Metabolism</i> , 2014 , 9, 213-221	4.1	11
64	Selective increase in monocyte p38 mitogen-activated protein kinase activity in metabolic syndrome. <i>Diabetes and Vascular Disease Research</i> , 2016 , 13, 93-6	3.3	10
63	Neutrophil and monocyte ratios to high-density lipoprotein-cholesterol and adiponectin as biomarkers of nascent metabolic syndrome. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2020 , 41,	1.3	9
62	Human C-reactive protein accentuates macrophage activity in biobreeding diabetic rats. <i>Journal of Diabetes and Its Complications</i> , 2013 , 27, 23-8	3.2	9
61	DPP-4 inhibitors and atherosclerosis: the promise. <i>Atherosclerosis</i> , 2013 , 227, 224-5	3.1	9
60	The role of the high-mobility group box1 protein-Toll like receptor pathway in diabetic vascular disease. <i>Journal of Diabetes and Its Complications</i> , 2016 , 30, 1186-91	3.2	9
59	Increased inflammasome activity in subcutaneous adipose tissue of patients with metabolic syndrome. <i>Diabetes/Metabolism Research and Reviews</i> , 2021 , 37, e3383	7.5	8
58	Changes to trimethylamine-N-oxide and its precursors in nascent metabolic syndrome. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2018 , 35,	1.3	7
57	Human C-reactive protein induces endothelial dysfunction in biobreeding diabetic rats. <i>Diabetes and Vascular Disease Research</i> , 2013 , 10, 550-3	3.3	7
56	Increased fibrosis and angiogenesis in subcutaneous gluteal adipose tissue in nascent metabolic syndrome. <i>Diabetes and Metabolism</i> , 2017 , 43, 364-367	5.4	6
55	Modern Management of Familial Hypercholesterolemia. <i>Metabolic Syndrome and Related Disorders</i> , 2016 , 14, 463-467	2.6	5
54	Plasma fetuin-A does not correlate with monocyte TLR4 in humans. <i>Diabetologia</i> , 2016 , 59, 222-223	10.3	5
53	Monocyte cell adhesion molecule receptors in nascent metabolic syndrome. <i>Clinical Biochemistry</i> , 2016 , 49, 505-507	3.5	5
52	Chemerin Ratios to HDL-cholesterol and Adiponectin as Biomarkers of Metabolic Syndrome. <i>Endocrine Research</i> , 2020 , 45, 241-245	1.9	5

51	Both the platelet count and the platelet: lymphocyte ratio are not increased in nascent metabolic syndrome. <i>Platelets</i> , 2019 , 30, 1057-1058	3.6	4
50	The neutrophil count is superior to the neutrophil/lymphocyte ratio as a biomarker of inflammation in nascent metabolic syndrome. <i>Annals of Clinical Biochemistry</i> , 2019 , 56, 715-716	2.2	4
49	AHA/ACC/Multisociety Cholesterol Guidelines: highlights. <i>Therapeutic Advances in Cardiovascular Disease</i> , 2019 , 13, 1753944719881579	3.4	4
48	Quantification of daratumumab in the serum protein electrophoresis. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 55, e27-e28	5.9	4
47	Antisense to protein kinase C-alpha and p47phox attenuates the pro-inflammatory effects of human C-reactive protein in macrophages of biobreeding diabetic rats. <i>Diabetes and Vascular Disease Research</i> , 2012 , 9, 315-9	3.3	4
46	Factors that promote macrophage homing to adipose tissue in metabolic syndrome. <i>Journal of Diabetes and Its Complications</i> , 2016 , 30, 1434-1436	3.2	4
45	Inflammation and Metabolic Syndrome210-228		4
44	Potential implications of redefining the hypertriglyceridemia of metabolic syndrome. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2019 , 40,	1.3	3
43	Effect of Aloe vera Supplements in Patients with Pre-Diabetes. <i>FASEB Journal</i> , 2009 , 23, 900.7	0.9	3
42	The platelet to high density lipoprotein -cholesterol ratio is a valid biomarker of nascent metabolic syndrome. <i>Diabetes/Metabolism Research and Reviews</i> , 2021 , 37, e3403	7.5	3
41	Hypoglycemia and the predisposition to cardiovascular disease: Is the pro-inflammatory-pro-coagulant diathesis a plausible explanation?. <i>Atherosclerosis</i> , 2016 , 251, 504-506	3.1	3
40	The relationship between tyramine levels and inflammation in metabolic syndrome. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2019 , 40,	1.3	3
39	PCSK9 inhibitors: the next frontier in low-density lipoprotein lowering. <i>Metabolic Syndrome and Related Disorders</i> , 2015 , 13, 99-101	2.6	2
38	Endosomal Toll-Like Receptor Status in Patients with Metabolic Syndrome. <i>Metabolic Syndrome and Related Disorders</i> , 2015 , 13, 477-80	2.6	2
37	Preliminary Report of Inflammatory Markers, Oxidative Stress, and Insulin Resistance in Adolescents of Different Ethnicities. <i>Metabolic Syndrome and Related Disorders</i> , 2016 , 14, 182-6	2.6	2
36	Excessive hypercortisolemia due to ectopic Cushing [®] syndrome requiring extending the reportable range for plasma cortisol for management. <i>Clinical Chemistry and Laboratory Medicine</i> , 2017 , 56, e7-e9	5.9	2
35	Epigenetic regulation of high glucose-induced proinflammatory cytokine production in monocytes by curcumin. <i>FASEB Journal</i> , 2010 , 24, 1030.9	0.9	2
34	Opinion paper: Is the Friedewald equation obsolete?. <i>Clinica Chimica Acta</i> , 2021 , 514, 122-124	6.2	2

33	Decreased homoserine levels in metabolic syndrome. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2020 , 14, 555-559	8.9	1
32	Validation of Fibroblast Growth Factor 23 Assays. <i>journal of applied laboratory medicine, The</i> , 2020 , 5, 819-821	2	1
31	Oral Pharmacotherapy as Alternative Treatment for Type 2 Diabetes Mellitus in a 61 Year Old Ethnic Filipino Man with Insulin Allergies. <i>Laboratory Medicine</i> , 2019 , 50, 93-95	1.6	1
30	No benefit of saxagliptin on cardiovascular outcomes in type 2 diabetes mellitus: potential explanations. <i>Metabolic Syndrome and Related Disorders</i> , 2014 , 12, 157-8	2.6	1
29	Severe Hyperglycemia Down Regulates Toll-Like Receptors on Neutrophils: Implications for Propensity to Infections in Diabetics. <i>FASEB Journal</i> , 2013 , 27, 648.11	0.9	1
28	Metabolites that activate the inflammasome in nascent metabolic syndrome. <i>Journal of Diabetes and Its Complications</i> , 2021 , 35, 107836	3.2	1
27	A Patient with Genetic Bisalbuminemia. <i>American Journal of the Medical Sciences</i> , 2021 ,	2.2	1
26	The Ratios of Triglycerides and C-reactive protein to High density-lipoprotein -cholesterol as valid biochemical markers of the Nascent Metabolic Syndrome. <i>Endocrine Research</i> , 2021 , 46, 196-202	1.9	1
25	Therapeutic Monoclonal Antibodies and the Value of the Free Light Chain Assay in Myeloma. <i>American Journal of Clinical Pathology</i> , 2018 , 150, 468-469	1.9	1
24	An African American Male Patient with Rare Type B Insulin Resistance Syndrome. <i>Laboratory Medicine</i> , 2021 ,	1.6	1
23	Optimum lipid testing for diabetic patients to enhance clinical care. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2021 , 15, 461-464	8.9	1
22	Update on Lipids and Lipoproteins. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 325, 400	27.4	0
21	Interpretation of protein electrophoresis. <i>Annals of Clinical Biochemistry</i> , 2017 , 54, 622	2.2	
20	Ezetimibe-Statin Combination to Reduce Cardiovascular Events: The Evidence Base. <i>Metabolic Syndrome and Related Disorders</i> , 2015 , 13, 327-8	2.6	
19	Folate Insufficiency Due to Celiac Disease in a 49-Year-Old Woman of Southeast Asian-Indian Ethnicity. <i>Laboratory Medicine</i> , 2016 , 47, 259-62	1.6	
18	Normal uric acid levels in nascent metabolic syndrome patients residing in northern California. <i>Journal of Diabetes and Its Complications</i> , 2017 , 31, 1639-1640	3.2	
17	Defining the Cytokine Storm Syndrome of COVID-19: Role of the Clinical Laboratory. <i>Annals of Clinical and Laboratory Science</i> , 2020 , 50, 703-705	0.9	
16	Dose-response study of purified lycopene on biomarkers of oxidative stress. <i>FASEB Journal</i> , 2006 , 20, A549	0.9	

- 15 Effect of High Dose Alpha Tocopherol Therapy on Carotid Atherosclerosis, Biomarkers of Oxidative Stress and Inflammation in Patients with Coronary Artery Disease. *FASEB Journal*, **2006**, 20, A132 0.9
- 14 In-vivo Evidence of C-Reactive Protein-Mediated Metalloproteinase-9 Induction from Rat Macrophages: Molecular Insights. *FASEB Journal*, **2008**, 22, 903.4 0.9
- 13 Simvastatin (40mg/day) Reduced the Activity of Circulating Plasminogen Activator Inhibitor 1 in Volunteers with Metabolic Syndrome. *FASEB Journal*, **2008**, 22, 1123.21 0.9
- 12 Biogenic Amines and Inflammatory Status in Nascent Metabolic Syndrome. *FASEB Journal*, **2018**, 32, 817.10 0.9
- 11 Pioglitazone treatment inhibits Toll-like receptor expression in vitro and in vivo. *FASEB Journal*, **2009**, 23, 45.6 0.9
- 10 CRP Impairs Endothelial Glycocalyx: Role in Promoting Endothelial Dysfunction. *FASEB Journal*, **2009**, 23, 357.5 0.9
- 9 Effects of epigallocatechin gallate on regulatory T cell number and function in obese versus lean volunteers. *FASEB Journal*, **2010**, 24, 541.11 0.9
- 8 Low vitamin D levels in North American Adults with metabolic syndrome. *FASEB Journal*, **2011**, 25, 223.20.9 0.9
- 7 Increased Monocyte Toll-like receptor Activity In Patients With Metabolic Syndrome. *FASEB Journal*, **2012**, 26, 125.2 0.9
- 6 A Novel small molecule Inhibitor to C-Reactive Protein attenuates CRP's Pro-Inflammatory Effects In-Vivo. *FASEB Journal*, **2013**, 27, 379.12 0.9
- 5 Letter to the Editor from Jialal and Sood: "New Cutoffs for the Biochemical Diagnosis of Adrenal Insufficiency after ACTH Stimulation Using Specific Cortisol Assays". *Journal of the Endocrine Society*, **2021**, 5, bvab112 0.4
- 4 Leukocytes, platelets and cardiovascular diseases. *Atherosclerosis*, **2021**, 329, 50-51 3.1
- 3 The skinny on metabolic syndrome in adolescents. *Translational Pediatrics*, **2016**, 5, 97-9 4.2
- 2 Reporting Apparent Biclinal Immunoglobulin-A Monoclonal Proteins with Identical Light Chains. *Annals of Clinical and Laboratory Science*, **2020**, 50, 541-544 0.9
- 1 Comparison of the triglyceride-waist circumference and the C-reactive protein-waist circumference indices in nascent metabolic syndrome. *International Journal of Physiology, Pathophysiology and Pharmacology*, **2021**, 13, 126-131 3.4