Ishwarlal Jialal,,, Frcpath, Dabcc, Dabcl

List of Publications by Year in Descending Order

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	The platelet to high density lipoprotein -cholesterol ratio is a valid biomarker of nascent metabolic syndrome. *Diabetes/Metabolism Research and Reviews*, **2021**, 37, e3403	7.5	3
103	Metabolites that activate the inflammasome in nascent metabolic syndrome. *Journal of Diabetes and Its Complications*, **2021**, 35, 107836	3.2	1
102	Opinion paper: Is the Friedewald equation obsolete?. *Clinica Chimica Acta*, **2021**, 514, 122-124	6.2	2
101	A Patient with Genetic Bisalbuminemia. *American Journal of the Medical Sciences*, **2021**,	2.2	1
100	The Ratios of Triglycerides and C-reactive protein to High density-lipoprotein -cholesterol as valid biochemical markers of the Nascent Metabolic Syndrome. *Endocrine Research*, **2021**, 46, 196-202	1.9	1
99	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	
98	Leukocytes, platelets and cardiovascular diseases. *Atherosclerosis*, **2021**, 329, 50-51	3.1	
97	Increased inflammasome activity in subcutaneous adipose tissue of patients with metabolic syndrome. *Diabetes/Metabolism Research and Reviews*, **2021**, 37, e3383	7.5	8
96	Update on Lipids and Lipoproteins. *JAMA - Journal of the American Medical Association*, **2021**, 325, 400	27.4	0
95	An African American Male Patient with Rare Type B Insulin Resistance Syndrome. *Laboratory Medicine*, **2021**,	1.6	1
94	Optimum lipid testing for diabetic patients to enhance clinical care. *Diabetes and Metabolic Syndrome: Clinical Research and Reviews*, **2021**, 15, 461-464	8.9	1
93	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	
92	Decreased homoserine levels in metabolic syndrome. *Diabetes and Metabolic Syndrome: Clinical Research and Reviews*, **2020**, 14, 555-559	8.9	1
91	Neutrophil and monocyte ratios to high-density lipoprotein-cholesterol and adiponectin as biomarkers of nascent metabolic syndrome. *Hormone Molecular Biology and Clinical Investigation*, **2020**, 41,	1.3	9
90	Validation of Fibroblast Growth Factor 23 Assays. *journal of applied laboratory medicine, The*, **2020**, 5, 819-821	2	1
89	Defining the Cytokine Storm Syndrome of COVID-19: Role of the Clinical Laboratory. *Annals of Clinical and Laboratory Science*, **2020**, 50, 703-705	0.9	
88	Chemerin Ratios to HDL-cholesterol and Adiponectin as Biomarkers of Metabolic Syndrome. *Endocrine Research*, **2020**, 45, 241-245	1.9	5

87	Reporting Apparent Biclonal Immunoglobulin-A Monoclonal Proteins with Identical Light Chains. *Annals of Clinical and Laboratory Science*, **2020**, 50, 541-544	0.9	
86	Increased eosinophils in adipose tissue of metabolic syndrome. *Journal of Diabetes and Its Complications*, **2019**, 33, 535-538	3.2	18
85	Potential implications of redefining the hypertriglyceridemia of metabolic syndrome. *Hormone Molecular Biology and Clinical Investigation*, **2019**, 40,	1.3	3
84	Metabolic syndrome is an inflammatory disorder: A conspiracy between adipose tissue and phagocytes. *Clinica Chimica Acta*, **2019**, 496, 35-44	6.2	90
83	Management of diabetic dyslipidemia: An update. *World Journal of Diabetes*, **2019**, 10, 280-290	4.7	26
82	Fetuin-A is also an adipokine. *Lipids in Health and Disease*, **2019**, 18, 73	4.4	12
81	Oral Pharmacotherapy as Alternative Treatment for Type 2 Diabetes Mellitus in a 61 Year Old Ethnic Filipino Man with Insulin Allergies. *Laboratory Medicine*, **2019**, 50, 93-95	1.6	1
80	Both the platelet count and the platelet: lymphocyte ratio are not increased in nascent metabolic syndrome. *Platelets*, **2019**, 30, 1057-1058	3.6	4
79	The neutrophil count is superior to the neutrophil/lymphocyte ratio as a biomarker of inflammation in nascent metabolic syndrome. *Annals of Clinical Biochemistry*, **2019**, 56, 715-716	2.2	4
78	AHA/ACC/Multisociety Cholesterol Guidelines: highlights. *Therapeutic Advances in Cardiovascular Disease*, **2019**, 13, 1753944719881579	3.4	4
77	Exploratory metabolomics of metabolic syndrome: A status report. *World Journal of Diabetes*, **2019**, 10, 23-36	4.7	42
76	The relationship between tyramine levels and inflammation in metabolic syndrome. *Hormone Molecular Biology and Clinical Investigation*, **2019**, 40,	1.3	3
75	Increased mast cell abundance in adipose tissue of metabolic syndrome: relevance to the proinflammatory state and increased adipose tissue fibrosis. *American Journal of Physiology - Endocrinology and Metabolism*, **2019**, 316, E504-E509	6	24
74	Exploratory metabolomics of nascent metabolic syndrome. *Journal of Diabetes and Its Complications*, **2019**, 33, 212-216	3.2	13
73	Changes to trimethylamine-N-oxide and its precursors in nascent metabolic syndrome. *Hormone Molecular Biology and Clinical Investigation*, **2018**, 35,	1.3	7
72	Subcutaneous adipose tissue biology in metabolic syndrome. *Hormone Molecular Biology and Clinical Investigation*, **2018**, 33,	1.3	20
71	Amino acid levels in nascent metabolic syndrome: A contributor to the pro-inflammatory burden. *Journal of Diabetes and Its Complications*, **2018**, 32, 465-469	3.2	24
70	Biogenic Amines and Inflammatory Status in Nascent Metabolic Syndrome. *FASEB Journal*, **2018**, 32, 817.9		

69	Therapeutic Monoclonal Antibodies and the Value of the Free Light Chain Assay in Myeloma. *American Journal of Clinical Pathology*, **2018**, 150, 468-469	1.9	1
68	Exploratory lipidomics in patients with nascent Metabolic Syndrome. *Journal of Diabetes and Its Complications*, **2018**, 32, 791-794	3.2	18
67	Increased fibrosis and angiogenesis in subcutaneous gluteal adipose tissue in nascent metabolic syndrome. *Diabetes and Metabolism*, **2017**, 43, 364-367	5.4	6
66	Interpretation of protein electrophoresis. *Annals of Clinical Biochemistry*, **2017**, 54, 622	2.2	
65	Normal uric acid levels in nascent metabolic syndrome patients residing in northern California. *Journal of Diabetes and Its Complications*, **2017**, 31, 1639-1640	3.2	
64	Excessive hypercortisolemia due to ectopic Cushing's syndrome requiring extending the reportable range for plasma cortisol for management. *Clinical Chemistry and Laboratory Medicine*, **2017**, 56, e7-e9	5.9	2
63	Quantification of daratumumab in the serum protein electrophoresis. *Clinical Chemistry and Laboratory Medicine*, **2017**, 55, e27-e28	5.9	4
62	Selective increase in monocyte p38 mitogen-activated protein kinase activity in metabolic syndrome. *Diabetes and Vascular Disease Research*, **2016**, 13, 93-6	3.3	10
61	Folate Insufficiency Due to Celiac Disease in a 49-Year-Old Woman of Southeast Asian-Indian Ethnicity. *Laboratory Medicine*, **2016**, 47, 259-62	1.6	
60	Modern Management of Familial Hypercholesterolemia. *Metabolic Syndrome and Related Disorders*, **2016**, 14, 463-467	2.6	5
59	Plasma fetuin-A does not correlate with monocyte TLR4 in humans. *Diabetologia*, **2016**, 59, 222-223	10.3	5
58	Toll-like receptors 2 and 4 mediate hyperglycemia induced macrovascular aortic endothelial cell inflammation and perturbation of the endothelial glycocalyx. *Journal of Diabetes and Its Complications*, **2016**, 30, 563-72	3.2	52
57	Cadmium and atherosclerosis: Heavy metal or singing the blues?. *Atherosclerosis*, **2016**, 249, 230-2	3.1	14
56	Preliminary Report of Inflammatory Markers, Oxidative Stress, and Insulin Resistance in Adolescents of Different Ethnicities. *Metabolic Syndrome and Related Disorders*, **2016**, 14, 182-6	2.6	2
55	Monocyte cell adhesion molecule receptors in nascent metabolic syndrome. *Clinical Biochemistry*, **2016**, 49, 505-507	3.5	5
54	The skinny on metabolic syndrome in adolescents. *Translational Pediatrics*, **2016**, 5, 97-9	4.2	
53	The role of the high-mobility group box1 protein-Toll like receptor pathway in diabetic vascular disease. *Journal of Diabetes and Its Complications*, **2016**, 30, 1186-91	3.2	9
52	Hyperglycemia Induces Toll-Like Receptor Activity Through Increased Oxidative Stress. *Metabolic Syndrome and Related Disorders*, **2016**, 14, 239-41	2.6	20

51	Factors that promote macrophage homing to adipose tissue in metabolic syndrome. *Journal of Diabetes and Its Complications*, **2016**, 30, 1434-1436	3.2	4
50	Hypoglycemia and the predisposition to cardiovascular disease: Is the pro-inflammatory-pro-coagulant diathesis a plausible explanation?. *Atherosclerosis*, **2016**, 251, 504-506	3.1	3
49	Investigation into the interference of the monoclonal antibody daratumumab on the free light chain assay. *Clinical Biochemistry*, **2016**, 49, 1202-1204	3.5	18
48	Ezetimibe-Statin Combination to Reduce Cardiovascular Events: The Evidence Base. *Metabolic Syndrome and Related Disorders*, **2015**, 13, 327-8	2.6	
47	Increased adipose tissue secretion of Fetuin-A, lipopolysaccharide-binding protein and high-mobility group box protein 1 in metabolic syndrome. *Atherosclerosis*, **2015**, 241, 130-7	3.1	44
46	PCSK9 inhibitors: the next frontier in low-density lipoprotein lowering. *Metabolic Syndrome and Related Disorders*, **2015**, 13, 99-101	2.6	2
45	Endosomal Toll-Like Receptor Status in Patients with Metabolic Syndrome. *Metabolic Syndrome and Related Disorders*, **2015**, 13, 477-80	2.6	2
44	Toll-like receptor status in obesity and metabolic syndrome: a translational perspective. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 39-48	5.6	156
43	Increased adipose tissue insulin resistance in metabolic syndrome: relationship to circulating adipokines. *Metabolic Syndrome and Related Disorders*, **2014**, 12, 503-7	2.6	31
42	Endotoxemia of metabolic syndrome: a pivotal mediator of meta-inflammation. *Metabolic Syndrome and Related Disorders*, **2014**, 12, 454-6	2.6	30
41	Dysregulation of monocyte biology in metabolic syndrome. *Expert Review of Endocrinology and Metabolism*, **2014**, 9, 213-221	4.1	11
40	Hyperglycemia induces Toll-like receptor-2 and -4 expression and activity in human microvascular retinal endothelial cells: implications for diabetic retinopathy. *Journal of Diabetes Research*, **2014**, 2014, 790902	3.9	79
39	No benefit of saxagliptin on cardiovascular outcomes in type 2 diabetes mellitus: potential explanations. *Metabolic Syndrome and Related Disorders*, **2014**, 12, 157-8	2.6	1
38	Pseudoinsulinoma in a white man with autoimmune hypoglycemia due to anti-insulin antibodies: value of the free C-Peptide assay. *American Journal of Clinical Pathology*, **2014**, 142, 689-93	1.9	12
37	Global Toll-like receptor 4 knockout results in decreased renal inflammation, fibrosis and podocytopathy. *Journal of Diabetes and Its Complications*, **2014**, 28, 755-61	3.2	50
36	Increased chemerin and decreased omentin-1 in both adipose tissue and plasma in nascent metabolic syndrome. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E514-7	5.6	105
35	Human C-reactive protein accentuates macrophage activity in biobreeding diabetic rats. *Journal of Diabetes and Its Complications*, **2013**, 27, 23-8	3.2	9
34	DPP-4 inhibitors and atherosclerosis: the promise. *Atherosclerosis*, **2013**, 227, 224-5	3.1	9

33	Human C-reactive protein induces endothelial dysfunction in biobreeding diabetic rats. *Diabetes and Vascular Disease Research*, **2013**, 10, 550-3	3.3	7
32	Increased neutrophil count in nascent metabolic syndrome. *Metabolic Syndrome and Related Disorders*, **2013**, 11, 128-31	2.6	21
31	Adipose tissue dysfunction in nascent metabolic syndrome. *Journal of Obesity*, **2013**, 2013, 393192	3.7	105
30	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	
29	Severe Hyperglycemia Down Regulates Toll-Like Receptors on Neutrophils: Implications for Propensity to Infections in Diabetics. *FASEB Journal*, **2013**, 27, 648.11	0.9	1
28	The Role of Toll-Like Receptors in Diabetes-Induced Inflammation: Implications for Vascular Complications. *Current Diabetes Reports*, **2012**, 12, 172	5.6	61
27	Antisense to protein kinase C-alpha and p47phox attenuates the pro-inflammatory effects of human C-reactive protein in macrophages of biobreeding diabetic rats. *Diabetes and Vascular Disease Research*, **2012**, 9, 315-9	3.3	4
26	Increased toll-like receptor activity in patients with metabolic syndrome. *Diabetes Care*, **2012**, 35, 900-4	14.6	128
25	Increased cellular and circulating biomarkers of oxidative stress in nascent metabolic syndrome. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, E1844-50	5.6	72
24	Increased Monocyte Toll-like receptor Activity In Patients With Metabolic Syndrome. *FASEB Journal*, **2012**, 26, 125.2	0.9	
23	Adipose tissue dysregulation in patients with metabolic syndrome. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E1782-8	5.6	137
22	Low vitamin D levels in North American Adults with metabolic syndrome. *FASEB Journal*, **2011**, 25, 223.2	0.9	
21	Management of hypertriglyceridemia in the diabetic patient. *Current Diabetes Reports*, **2010**, 10, 316-20	5.6	28
20	Effects of epigallocatechin gallate on regulatory T cell number and function in obese versus lean volunteers. *FASEB Journal*, **2010**, 24, 541.11	0.9	
19	Epigenetic regulation of high glucose-induced proinflammatory cytokine production in monocytes by curcumin. *FASEB Journal*, **2010**, 24, 1030.9	0.9	2
18	Human C-reactive protein and the metabolic syndrome. *Current Opinion in Lipidology*, **2009**, 20, 182-9	4.4	156
17	Pioglitazone treatment inhibits Toll-like receptor expression in vitro and in vivo. *FASEB Journal*, **2009**, 23, 45.6	0.9	
16	Effect of Aloe vera Supplements in Patients with Pre-Diabetes. *FASEB Journal*, **2009**, 23, 900.7	0.9	3

15	CRP Impairs Endothelial Glycocalyx: Role in Promoting Endothelial Dysfunction. *FASEB Journal*, **2009**, 23, 357.5	0.9	
14	CRP and adiponectin and its oligomers in the metabolic syndrome: evaluation of new laboratory-based biomarkers. *American Journal of Clinical Pathology*, **2008**, 129, 815-22	1.9	45
13	In-vivo Evidence of C-Reactive Protein-Mediated Metalloproteinase-9 Induction from Rat Macrophages: Molecular Insights. *FASEB Journal*, **2008**, 22, 903.4	0.9	
12	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	
11	Detection by immunofixation of M proteins in hypogammaglobulinemic patients with normal serum protein electrophoresis results. *American Journal of Clinical Pathology*, **2007**, 127, 746-51	1.9	14
10	Evidence of increased inflammation and microcirculatory abnormalities in patients with type 1 diabetes and their role in microvascular complications. *Diabetes*, **2007**, 56, 2790-6	0.9	140
9	Dose-response study of purified lycopene on biomarkers of oxidative stress. *FASEB Journal*, **2006**, 20, A549	0.9	
8	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	
7	C-reactive protein: risk marker or mediator in atherothrombosis?. *Hypertension*, **2004**, 44, 6-11	8.5	442
6	Role of C-reactive protein in the assessment of cardiovascular risk. *American Journal of Cardiology*, **2003**, 91, 200-2	3	37
5	Divergence between LDL Oxidative Susceptibility and Urinary F2-Isoprostanes as Measures of Oxidative Stress in Type 2 Diabetes. *Clinical Chemistry*, **2001**, 47, 1974-1979	5.5	95
4	Antioxidants and vitamins to reduce cardiovascular disease. *Current Atherosclerosis Reports*, **2000**, 2, 342-51	6	24
3	Comparison of cardiac troponin I and lactate dehydrogenase isoenzymes for the late diagnosis of myocardial injury. *American Journal of Clinical Pathology*, **1996**, 106, 705-8	1.9	33
2	The role of oxidized low density lipoprotein in atherogenesis. *Journal of Nutrition*, **1996**, 126, 1053S-7S	4.1	92
1	Inflammation and Metabolic Syndrome210-228		4