Ishwarlal Jialal

List of Publications by Citations

17 papers	2,845 citations	16 h-index	19 g-index
19 ext. papers	3,056 ext. citations	6.1 avg, IF	5.01 L-index

#	Paper	IF	Citations
17	Demonstration that C-reactive protein decreases eNOS expression and bioactivity in human aortic endothelial cells. *Circulation*, **2002**, 106, 1439-41	16.7	660
16	Increased toll-like receptor (TLR) activation and TLR ligands in recently diagnosed type 2 diabetic subjects. *Diabetes Care*, **2010**, 33, 861-8	14.6	414
15	High glucose induces toll-like receptor expression in human monocytes: mechanism of activation. *Diabetes*, **2008**, 57, 3090-8	0.9	326
14	Increased toll-like receptor (TLR) 2 and TLR4 expression in monocytes from patients with type 1 diabetes: further evidence of a proinflammatory state. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 578-83	5.6	280
13	Increased monocytic activity and biomarkers of inflammation in patients with type 1 diabetes. *Diabetes*, **2006**, 55, 774-9	0.9	230
12	Increased toll-like receptor activity in patients with metabolic syndrome. *Diabetes Care*, **2012**, 35, 900-4	14.6	128
11	High glucose induces IL-1beta expression in human monocytes: mechanistic insights. *American Journal of Physiology - Endocrinology and Metabolism*, **2007**, 293, E337-46	6	127
10	Knockout of toll-like receptor-4 attenuates the pro-inflammatory state of diabetes. *Cytokine*, **2011**, 55, 441-5	4	117
9	Knockout of toll-like receptor-2 attenuates both the proinflammatory state of diabetes and incipient diabetic nephropathy. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2011**, 31, 1796-804	9.4	108
8	Diabetes is a proinflammatory state: a translational perspective. *Expert Review of Endocrinology and Metabolism*, **2010**, 5, 19-28	4.1	85
7	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
6	Hyperglycemia induces Toll like receptor 4 expression and activity in mouse mesangial cells: relevance to diabetic nephropathy. *American Journal of Physiology - Renal Physiology*, **2012**, 303, F1145-50	4.3	79
5	Demonstration of increased toll-like receptor 2 and toll-like receptor 4 expression in monocytes of type 1 diabetes mellitus patients with microvascular complications. *Metabolism: Clinical and Experimental*, **2011**, 60, 256-9	12.7	67
4	The Role of Toll-Like Receptors in Diabetes-Induced Inflammation: Implications for Vascular Complications. *Current Diabetes Reports*, **2012**, 12, 172	5.6	61
3	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
2	Hyperglycemia Induces Toll-Like Receptor Activity Through Increased Oxidative Stress. *Metabolic Syndrome and Related Disorders*, **2016**, 14, 239-41	2.6	20
1	Monocyte cell adhesion molecule receptors in nascent metabolic syndrome. *Clinical Biochemistry*, **2016**, 49, 505-507	3.5	5