Rajesh Parsanathan

List of Publications by Year
in descending order

30	735	623574 14	552653 26
papers	citations	h-index	g-index

32	32	32	928
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Air pollution impairs endothelial function and blood pressure. Hypertension Research, 2022, 45, 380-381.	1.5	1
2	Hydrogen Sulfide Regulates Irisin and Glucose Metabolism in Myotubes and Muscle of HFD-Fed Diabetic Mice. Antioxidants, 2022, 11, 1369.	2.2	8
3	G6PD deficiency shifts polarization of monocytes/macrophages towards a proinflammatory and profibrotic phenotype. Cellular and Molecular Immunology, 2021, 18, 770-772.	4.8	13
4	Therapeutic Potential of Metals in Managing the Metabolic Syndrome. Environmental Chemistry for A Sustainable World, 2021, , 119-148.	0.3	0
5	Metal Oxides as Anticancer Agents. Environmental Chemistry for A Sustainable World, 2021, , 281-299.	0.3	0
6	<scp>l</scp>-Cysteine Stimulates the Effect of Vitamin D on Inhibition of Oxidative Stress, IL-8, and MCP-1 Secretion in High Glucose Treated Monocytes. Journal of the American College of Nutrition, 2021, 40, 327-332.	1.1	17
7	Novel Invasive and Noninvasive Cardiac-Specific Biomarkers in Obesity and Cardiovascular Diseases. Metabolic Syndrome and Related Disorders, 2020, 18, 10-30.	0.5	50
8	Glucose-6-Phosphate Dehydrogenase Deficiency Activates Endothelial Cell and Leukocyte Adhesion Mediated via the TGFÎ²/NADPH Oxidases/ROS Signaling Pathway. International Journal of Molecular Sciences, 2020, 21, 7474.	1.8	16
9	The potential link between inherited G6PD deficiency, oxidative stress, and vitamin D deficiency and the racial inequities in mortality associated with COVID-19. Free Radical Biology and Medicine, 2020, 161, 84-91.	1.3	55
10	Can Vitamin D and L-Cysteine Co-Supplementation Reduce 25(OH)-Vitamin D Deficiency and the Mortality Associated with COVID-19 in African Americans?. Journal of the American College of Nutrition, 2020, 39, 694-699.	1.1	35
11	l-Cysteine and Vitamin D Co-Supplementation Alleviates Markers of Musculoskeletal Disorders in Vitamin D-Deficient High-Fat Diet-Fed Mice. Nutrients, 2020, 12, 3406.	1.7	11
12	Glucose-6-phosphate dehydrogenase (G6PD) deficiency is linked with cardiovascular disease. Hypertension Research, 2020, 43, 582-584.	1.5	15
13	Hydrogen sulfide regulates circadian-clock genes in C2C12 myotubes and the muscle of high-fat-diet-fed mice. Archives of Biochemistry and Biophysics, 2019, 672, 108054.	1.4	13
14	Glutathione deficiency induces epigenetic alterations of vitamin D metabolism genes in the livers of high-fat diet-fed obese mice. Scientific Reports, 2019, 9, 14784.	1.6	54
15	Nano-metal Oxides for Antibacterial Activity. Environmental Chemistry for A Sustainable World, 2019, , 59-90.	0.3	17
16	Glutathione deficiency alters the vitamin D-metabolizing enzymes CYP27B1 and CYP24A1 in human renal proximal tubule epithelial cells and kidney of HFD-fed mice. Free Radical Biology and Medicine, 2019, 131, 376-381.	1.3	30
17	Glucose-6-phosphate dehydrogenase deficiency increases cell adhesion molecules and activates human monocyte-endothelial cell adhesion: Protective role of l-cysteine. Archives of Biochemistry and Biophysics, 2019, 663, 11-21.	1.4	30
18	Postnatal exposure to diâ€(2â€ethylhexyl)phthalate alters cardiac insulin signaling molecules and GLUT4^{Ser488} phosphorylation in male rat offspring. Journal of Cellular Biochemistry, 2019, 120, 5802-5812.	1.2	5

#	Article	IF	Citations
19	l-Cysteine in vitro can restore cellular glutathione and inhibits the expression of cell adhesion molecules in G6PD-deficient monocytes. Amino Acids, 2018, 50, 909-921.	1.2	26
20	Hydrogen sulfide increases glutathione biosynthesis, and glucose uptake and utilisation in C₂C₁₂ mouse myotubes. Free Radical Research, 2018, 52, 288-303.	1.5	53
21	Cystathionine Î³-lyase-hydrogen sulfide (H2S) deficiency downregulates muscle myokine Fndc5 / Irisin and glucose metabolism in C2C12 myotubes and gastrocnemius muscle of HFD-fed mice. Free Radical Biology and Medicine, 2018, 128, S90.	1.3	2
22	Glutathione Stimulates Vitamin D Regulatory and Glucose-Metabolism Genes, Lowers Oxidative Stress and Inflammation, and Increases 25-Hydroxy-Vitamin D Levels in Blood: A Novel Approach to Treat 25-Hydroxyvitamin D Deficiency. Antioxidants and Redox Signaling, 2018, 29, 1792-1807.	2.5	69
23	Glutathione Deficiency Induces Epigenetic Alterations of Vitamin D Metabolism Genes in the Liver of High-Fat Dietâ€“Induced Type 2 Diabetic Mice. Diabetes, 2018, 67, 1878-P.	0.3	2
24	Protective Role of L-Cysteine Against High Glucose Induces G6PD-Deficiency and Endothelial Dysfunction. Diabetes, 2018, 67, 474-P.	0.3	1
25	Glucose-6-phosphate Dehydrogenase Deficiency and Endothelial Dysfunction: Its Role in Excess CVD in African Americans. Free Radical Biology and Medicine, 2017, 112, 119-120.	1.3	0
26	Lactational exposure of phthalate causes long-term disruption in testicular architecture by altering tight junctional and apoptotic protein expression in Sertoli cells of first filial generation pubertal Wistar rats. Human and Experimental Toxicology, 2015, 34, 575-590.	1.1	19
27	Phthalate exposure in utero causes epigenetic changes and impairs insulin signalling. Journal of Endocrinology, 2014, 223, 47-66.	1.2	89
28	Lactational Exposure of Phthalate Impairs Insulin Signaling in the Cardiac Muscle of F1 Female Albino Rats. Cardiovascular Toxicology, 2014, 14, 10-20.	1.1	25
29	Diethyl Hexyl Phthalate (DEHP) is associated with insulin resistance in adipose tissue of male rat: Protective role of antioxidant vitamins (C & E). Journal of Cellular Biochemistry, 2013, 114, 558-569.	1.2	70
30	Protective role of Lycopene against Aroclor 1254-induced changes on GLUT4 in the skeletal muscles of adult male rat. Drug and Chemical Toxicology, 2013, 36, 320-328.	1.2	8