

Rajesh Parsanathan

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

735
citations

623574

14
h-index

552653

26
g-index

32
all docs

32
docs citations

32
times ranked

928
citing authors

#	ARTICLE	IF	CITATIONS
1	Phthalate exposure in utero causes epigenetic changes and impairs insulin signalling. Journal of Endocrinology, 2014, 223, 47-66.	1.2	89
2	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
3	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
4	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
5	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
6	Hydrogen sulfide increases glutathione biosynthesis, and glucose uptake and utilisation in C ₂ C ₁₂ mouse myotubes. Free Radical Research, 2018, 52, 288-303.	1.5	53
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	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
9	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
10	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
11	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
12	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
13	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
14	Nano-metal Oxides for Antibacterial Activity. Environmental Chemistry for A Sustainable World, 2019, , 59-90.	0.3	17
15	l-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
16	Glucose-6-Phosphate Dehydrogenase Deficiency Activates Endothelial Cell and Leukocyte Adhesion Mediated via the TGF β ² /NADPH Oxidases/ROS Signaling Pathway. International Journal of Molecular Sciences, 2020, 21, 7474.	1.8	16
17	Glucose-6-phosphate dehydrogenase (G6PD) deficiency is linked with cardiovascular disease. Hypertension Research, 2020, 43, 582-584.	1.5	15
18	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

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19	G6PD deficiency shifts polarization of monocytes/macrophages towards a proinflammatory and profibrotic phenotype. <i>Cellular and Molecular Immunology</i> , 2021, 18, 770-772.	4.8	13
20	L-Cysteine and Vitamin D Co-Supplementation Alleviates Markers of Musculoskeletal Disorders in Vitamin D-Deficient High-Fat Diet-Fed Mice. <i>Nutrients</i> , 2020, 12, 3406.	1.7	11
21	Protective role of Lycopene against Aroclor 1254-induced changes on GLUT4 in the skeletal muscles of adult male rat. <i>Drug and Chemical Toxicology</i> , 2013, 36, 320-328.	1.2	8
22	Hydrogen Sulfide Regulates Irisin and Glucose Metabolism in Myotubes and Muscle of HFD-Fed Diabetic Mice. <i>Antioxidants</i> , 2022, 11, 1369.	2.2	8
23	Postnatal exposure to di(2-ethylhexyl)phthalate alters cardiac insulin signaling molecules and GLUT4 ^{Ser488} phosphorylation in male rat offspring. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 5802-5812.	1.2	5
24	Cystathionine β -lyase-hydrogen sulfide (H ₂ S) deficiency downregulates muscle myokine Fndc5 / Irisin and glucose metabolism in C2C12 myotubes and gastrocnemius muscle of HFD-fed mice. <i>Free Radical Biology and Medicine</i> , 2018, 128, S90.	1.3	2
25	Glutathione Deficiency Induces Epigenetic Alterations of Vitamin D Metabolism Genes in the Liver of High-Fat Diet-Induced Type 2 Diabetic Mice. <i>Diabetes</i> , 2018, 67, 1878-P.	0.3	2
26	Protective Role of L-Cysteine Against High Glucose Induces G6PD-Deficiency and Endothelial Dysfunction. <i>Diabetes</i> , 2018, 67, 474-P.	0.3	1
27	Air pollution impairs endothelial function and blood pressure. <i>Hypertension Research</i> , 2022, 45, 380-381.	1.5	1
28	Glucose-6-phosphate Dehydrogenase Deficiency and Endothelial Dysfunction: Its Role in Excess CVD in African Americans. <i>Free Radical Biology and Medicine</i> , 2017, 112, 119-120.	1.3	0
29	Therapeutic Potential of Metals in Managing the Metabolic Syndrome. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 119-148.	0.3	0
30	Metal Oxides as Anticancer Agents. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 281-299.	0.3	0