Joshua R Edwards

List of Publications by Year
in descending order

21 papers	1,060 citations	687363 13 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	1454 citing authors

#	Article	IF	Citations
1	Cadmium, diabetes and chronic kidney disease. Toxicology and Applied Pharmacology, 2009, 238, 289-293.	2.8	257
2	Mechanisms of Cadmium-Induced Proximal Tubule Injury: New Insights with Implications for Biomonitoring and Therapeutic Interventions. Journal of Pharmacology and Experimental Therapeutics, 2012, 343, 2-12.	2.5	201
3	Expression of kidney injury molecule-1 (Kim-1) in relation to necrosis and apoptosis during the early stages of Cd-induced proximal tubule injury. Toxicology and Applied Pharmacology, 2009, 238, 306-314.	2.8	108
4	Early biomarkers of cadmium exposure and nephrotoxicity. BioMetals, 2010, 23, 793-809.	4.1	97
5	Preclinical evaluation of novel urinary biomarkers of cadmium nephrotoxicity. Toxicology and Applied Pharmacology, 2009, 238, 301-305.	2.8	68
6	A Review of Diabetes Mellitus and Exposure to the Environmental Toxicant Cadmium with an Emphasis on Likely Mechanisms of Action. Current Diabetes Reviews, 2016, 12, 252-258.	1.3	61
7	Cadmium Nephrotoxicity Is Associated with Altered MicroRNA Expression in the Rat Renal Cortex. Toxics, 2018, 6, 16.	3.7	58
8	A novel method for the evaluation of proximal tubule epithelial cellular necrosis in the intact rat kidney using ethidium homodimer. BMC Physiology, 2007, 7, 1.	3.6	48
9	Evaluation of cystatin C as an early biomarker of cadmium nephrotoxicity in the rat. BioMetals, 2016, 29, 131-146.	4.1	29
10	Pancreatic Islets Accumulate Cadmium in a Rodent Model of Cadmium-Induced Hyperglycemia. International Journal of Molecular Sciences, 2021, 22, 360.	4.1	26
11	Evaluation of the Mitragynine Content, Levels of Toxic Metals and the Presence of Microbes in Kratom Products Purchased in the Western Suburbs of Chicago. International Journal of Environmental Research and Public Health, 2020, 17, 5512.	2.6	25
12	Effects of sub-chronic Cd exposure on levels of copper, selenium, zinc, iron and other essential metals in rat renal cortex. Toxicology Reports, 2016, 3, 740-746.	3.3	15
13	Chronic low-level cadmium exposure in rats affects cytokine production by activated T cells. Toxicology Research, 2019, 8, 227-237.	2.1	15
14	Effects of cadmium on the sub-cellular localization of Î²-catenin and Î²-catenin-regulated gene expression in NRK-52E cells. BioMetals, 2013, 26, 33-42.	4.1	12
15	Cadmium Exposure Disrupts Periodontal Bone in Experimental Animals: Implications for Periodontal Disease in Humans. Toxics, 2018, 6, 32.	3.7	12
16	Cadmium-mediated pancreatic islet transcriptome changes in mice and cultured mouse islets. Toxicology and Applied Pharmacology, 2021, 433, 115756.	2.8	8
17	Levels of Cadmium in Human Mandibular Bone. Toxics, 2019, 7, 31.	3.7	6
18	Comment on Menke et al. Metals in Urine and Diabetes in U.S. Adults. Diabetes 2016;65:164â€“171. Diabetes, 2016, 65, e31-e31.	0.6	5

#	Article	IF	Citations
19	Diabetogenic and Obesogenic Effects of Cadmium in Db/Db Mice and Rats at a Clinically Relevant Level of Exposure. Toxics, 2022, 10, 107.	3.7	5
20	Using FluoZin-3 and fura-2 to monitor acute accumulation of free intracellular Cd2+ in a pancreatic beta cell line. BioMetals, 2019, 32, 951-964.	4.1	2
21	A Method for the Evaluation of Site-Specific Nephrotoxic Injury in the Intact Rat Kidney. Toxics, 2020, 8, 4.	3.7	2