Raj Kumar Koiri

List of Publications by Year in Descending Order

21 papers	444 citations	12 h-index	21 g-index
23 ext. papers	522 ext. citations	3.6 avg, IF	3.97 L-index

#	Paper	IF	Citations
21	Protective and therapeutic effects of sildenafil and tadalafil on aflatoxin B1-induced hepatocellular carcinoma. *Molecular and Cellular Biochemistry*, **2021**, 476, 1195-1209	4.2	5
20	Modulation of antioxidant enzymes, SIRT1 and NF-B by resveratrol and nicotinamide in alcohol-aflatoxin B1-induced hepatocellular carcinoma. *Journal of Biochemical and Molecular Toxicology*, **2021**, 35, e22625	3.4	11
19	Expression of estrogen receptor alpha in response to stress and estrogen antagonist tamoxifen in the shell gland of : involvement of anti-oxidant system and estrogen. *Stress*, **2021**, 24, 261-272	3	5
18	Ameliorative effect of piracetam on emamectin benzoate induced perturbations in the activity of lactate dehydrogenase in murine system. *Advances in Redox Research*, **2021**, 3, 100019		1
17	SIRT1-mediated amelioration of oxidative stress in kidney of alcohol-aflatoxin-B1-induced hepatocellular carcinoma by resveratrol is catalase dependent and GPx independent. *Journal of Biochemical and Molecular Toxicology*, **2020**, 34, e22576	3.4	4
16	Lactate as a signaling molecule: Journey from dead end product of glycolysis to tumor survival. *Frontiers in Bioscience - Landmark*, **2019**, 24, 366-381	2.8	15
15	Microcystin-leucine arginine (MC-LR) induces bone loss and impairs bone micro-architecture by modulating host immunity in mice: Implications for bone health. *Environmental Pollution*, **2018**, 238, 792-802	9.2	5
14	An Overview of Natural Plant Products in the Treatment of Hepatocellular Carcinoma. *Anti-Cancer Agents in Medicinal Chemistry*, **2018**, 18, 1838-1859	2.2	37
13	Amelioratory effect of coenzyme Q10 on potential human carcinogen Microcystin-LR induced toxicity in mice. *Food and Chemical Toxicology*, **2017**, 102, 176-185	4.7	19
12	Microcystin-LR Induced Immunotoxicity in Mammals. *Journal of Toxicology*, **2016**, 2016, 8048125	3.1	25
11	An overview of the toxic effect of potential human carcinogen Microcystin-LR on testis. *Toxicology Reports*, **2015**, 2, 289-296	4.8	73
10	Activation of p53 mediated glycolytic inhibition-oxidative stress-apoptosis pathway in Dalton lymphoma by a ruthenium (II)-complex containing 4-carboxy N-ethylbenzamide. *Biochimie*, **2015**, 110, 52-61	4.6	12
9	Targetting cancer with Ru(III/II)-phosphodiesterase inhibitor adducts: a novel approach in the treatment of cancer. *Medical Hypotheses*, **2013**, 80, 841-6	3.8	11
8	Cytotoxic activity, cell imaging and photocleavage of DNA induced by a Pt(II) cyclophane bearing 1,2 diamino ethane as a terminal ligand. *MedChemComm*, **2011**, 2, 1208	5	21
7	Dimethyl sulfoxide activates tumor necrosis factor-p53 mediated apoptosis and down regulates D-fructose-6-phosphate-2-kinase and lactate dehydrogenase-5 in Dalton lymphoma in vivo. *Leukemia Research*, **2011**, 35, 950-6	2.7	21
6	One pot synthesis of Cu(II) 2,2bipyridyl complexes of 5-hydroxy-hydurilic acid and alloxanic acid: synthesis, crystal structure, chemical nuclease activity and cytotoxicity. *Journal of Inorganic Biochemistry*, **2011**, 105, 256-67	4.2	28
5	Structural characterization and cytotoxicity studies of ruthenium(II)-dmso-chloro complexes of chalcone and flavone derivatives. *Polyhedron*, **2010**, 29, 1055-1061	2.7	42

4	Regression of Dalton's lymphoma in vivo via decline in lactate dehydrogenase and induction of apoptosis by a ruthenium(II)-complex containing 4-carboxy N-ethylbenzamide as ligand. *Investigational New Drugs*, **2009**, 27, 503-16	4.3	28
3	Metal Cu(II) and Zn(II) bipyridyls as inhibitors of lactate dehydrogenase. *BioMetals*, **2008**, 21, 117-26	3.4	35
2	Acute and chronic hyperammonemia modulate antioxidant enzymes differently in cerebral cortex and cerebellum. *Neurochemical Research*, **2008**, 33, 103-13	4.6	33
1	Ruthenium Complex as Enzyme Modulator: Modulation of Lactate Dehydrogenase by a Novel Ruthenium(II) Complex Containing 4-Carboxy N-Ethylbenzamide as a Ligand. *Current Enzyme Inhibition*, **2007**, 3, 243-253	0.5	12