Raj Kumar Koiri

List of Publications by Year
in descending order

23	599	623574	642610
papers	citations	14 h-index	23 g-index

23	23	23	873
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	An overview of the toxic effect of potential human carcinogen Microcystin-LR on testis. Toxicology Reports, 2015, 2, 289-296.	1.6	100
2	An Overview of Natural Plant Products in the Treatment of Hepatocellular Carcinoma. Anti-Cancer Agents in Medicinal Chemistry, 2019, 18, 1838-1859.	0.9	59
3	Structural characterization and cytotoxicity studies of ruthenium(II)â€“dmsoâ€“chloro complexes of chalcone and flavone derivatives. Polyhedron, 2010, 29, 1055-1061.	1.0	52
4	Metal Cu(II) and Zn(II) bipyridyls as inhibitors of lactate dehydrogenase. BioMetals, 2008, 21, 117-126.	1.8	38
5	Acute and Chronic Hyperammonemia Modulate Antioxidant Enzymes Differently in Cerebral Cortex and Cerebellum. Neurochemical Research, 2008, 33, 103-113.	1.6	37
6	Microcystin-LR Induced Immunotoxicity in Mammals. Journal of Toxicology, 2016, 2016, 1-5.	1.4	31
7	One pot synthesis of Cu(II) 2,2â€²-bipyridyl complexes of 5-hydroxy-hydurilic acid and alloxanic acid: Synthesis, crystal structure, chemical nuclease activity and cytotoxicity. Journal of Inorganic Biochemistry, 2011, 105, 256-267.	1.5	30
8	Regression of Daltonâ€™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, 503-516.	1.2	29
9	Dimethyl sulfoxide activates tumor necrosis factorÎ±-p53 mediated apoptosis and down regulates d-fructose-6-phosphate-2-kinase and lactate dehydrogenase-5 in Dalton's lymphoma in vivo. Leukemia Research, 2011, 35, 950-956.	0.4	26
10	Modulation of antioxidant enzymes, SIRT1 and NFâ€ºB by resveratrol and nicotinamide in alcoholâ€aflatoxin B1â€‹induced hepatocellular carcinoma. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22625.	1.4	26
11	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.	3.5	24
12	Lactate as a signaling molecule Journey from dead end product of glycolysis to tumor survival. Frontiers in Bioscience - Landmark, 2019, 24, 366-381.	3.0	24
13	Amelioratory effect of coenzyme Q10 on potential human carcinogen Microcystin-LR induced toxicity in mice. Food and Chemical Toxicology, 2017, 102, 176-185.	1.8	19
14	SIRT1â€‹mediated amelioration of oxidative stress in kidney of alcoholâ€aflatoxinâ€B1â€‹induced hepatocellular carcinoma by resveratrol is catalase dependent and GPx independent. Journal of Biochemical and Molecular Toxicology, 2020, 34, e22576.	1.4	16
15	Expression of estrogen receptor alpha in response to stress and estrogen antagonist tamoxifen in the shell gland of Gallus gallus domesticus: involvement of anti-oxidant system and estrogen. Stress, 2021, 24, 261-272.	0.8	16
16	Activation of p53 mediated glycolytic inhibition-oxidative stress-apoptosis pathway in Dalton's lymphoma by a ruthenium (II)-complex containing 4-carboxy N-ethylbenzamide. Biochimie, 2015, 110, 52-61.	1.3	14
17	Targetting cancer with Ru(III/II)-phosphodiesterase inhibitor adducts: A novel approach in the treatment of cancer. Medical Hypotheses, 2013, 80, 841-846.	0.8	13
18	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.	3.7	13

#	Article	IF	Citations
19	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.	0.3	12
20	Protective and therapeutic effects of sildenafil and tadalafil on aflatoxin B1-induced hepatocellular carcinoma. Molecular and Cellular Biochemistry, 2021, 476, 1195-1209.	1.4	10
21	Repurposing PDE5 inhibitor tadalafil and sildenafil as anticancer agent against hepatocellular carcinoma via targeting key events of glucose metabolism and multidrug resistance. Journal of Biochemical and Molecular Toxicology, 2022, 36, .	1.4	5
22	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.	0.9	4
23	Network-based Drug Discovery, Anti-cancer Molecular Targets and Therapeutic use of Phytochemicals. Anti-Cancer Agents in Medicinal Chemistry, 2019, 18, 1794-1795.	0.9	1