

# Raj Kumar Koiri

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/2997726/raj-kumar-koiri-publications-by-citations.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	An overview of the toxic effect of potential human carcinogen Microcystin-LR on testis. <i>Toxicology Reports</i> , <b>2015</b> , 2, 289-296	4.8	73
20	Structural characterization and cytotoxicity studies of ruthenium(II)-dimethylchloro complexes of chalcone and flavone derivatives. <i>Polyhedron</i> , <b>2010</b> , 29, 1055-1061	2.7	42
19	An Overview of Natural Plant Products in the Treatment of Hepatocellular Carcinoma. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , <b>2018</b> , 18, 1838-1859	2.2	37
18	Metal Cu(II) and Zn(II) bipyridyls as inhibitors of lactate dehydrogenase. <i>BioMetals</i> , <b>2008</b> , 21, 117-26	3.4	35
17	Acute and chronic hyperammonemia modulate antioxidant enzymes differently in cerebral cortex and cerebellum. <i>Neurochemical Research</i> , <b>2008</b> , 33, 103-13	4.6	33
16	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. <i>Investigational New Drugs</i> , <b>2009</b> , 27, 503-16	4.3	28
15	One pot synthesis of Cu(II) 2,2'-bipyridyl complexes of 5-hydroxy-hydurilic acid and alloxanic acid: synthesis, crystal structure, chemical nuclease activity and cytotoxicity. <i>Journal of Inorganic Biochemistry</i> , <b>2011</b> , 105, 256-67	4.2	28
14	Microcystin-LR Induced Immunotoxicity in Mammals. <i>Journal of Toxicology</i> , <b>2016</b> , 2016, 8048125	3.1	25
13	Cytotoxic activity, cell imaging and photocleavage of DNA induced by a Pt(II) cyclophane bearing 1,2 diamino ethane as a terminal ligand. <i>MedChemComm</i> , <b>2011</b> , 2, 1208	5	21
12	Dimethyl sulfoxide activates tumor necrosis factor- $\alpha$ mediated apoptosis and down regulates D-fructose-6-phosphate-2-kinase and lactate dehydrogenase-5 in Dalton's lymphoma in vivo. <i>Leukemia Research</i> , <b>2011</b> , 35, 950-6	2.7	21
11	Amelioratory effect of coenzyme Q10 on potential human carcinogen Microcystin-LR induced toxicity in mice. <i>Food and Chemical Toxicology</i> , <b>2017</b> , 102, 176-185	4.7	19
10	Lactate as a signaling molecule: Journey from dead end product of glycolysis to tumor survival. <i>Frontiers in Bioscience - Landmark</i> , <b>2019</b> , 24, 366-381	2.8	15
9	Activation of p53 mediated glycolytic inhibition-oxidative stress-apoptosis pathway in Dalton's lymphoma by a ruthenium (II)-complex containing 4-carboxy N-ethylbenzamide. <i>Biochimie</i> , <b>2015</b> , 110, 52-61	4.6	12
8	Ruthenium Complex as Enzyme Modulator: Modulation of Lactate Dehydrogenase by a Novel Ruthenium(II) Complex Containing 4-Carboxy N-Ethylbenzamide as a Ligand. <i>Current Enzyme Inhibition</i> , <b>2007</b> , 3, 243-253	0.5	12
7	Targetting cancer with Ru(III/II)-phosphodiesterase inhibitor adducts: a novel approach in the treatment of cancer. <i>Medical Hypotheses</i> , <b>2013</b> , 80, 841-6	3.8	11
6	Modulation of antioxidant enzymes, SIRT1 and NF- $\kappa$ B by resveratrol and nicotinamide in alcohol-aflatoxin B1-induced hepatocellular carcinoma. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2021</b> , 35, e22625	3.4	11
5	Microcystin-leucine arginine (MC-LR) induces bone loss and impairs bone micro-architecture by modulating host immunity in mice: Implications for bone health. <i>Environmental Pollution</i> , <b>2018</b> , 238, 792-802	9.3	5

4	Protective and therapeutic effects of sildenafil and tadalafil on aflatoxin B1-induced hepatocellular carcinoma. <i>Molecular and Cellular Biochemistry</i> , <b>2021</b> , 476, 1195-1209	4.2	5
3	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. <i>Stress</i> , <b>2021</b> , 24, 261-272	3	5
2	SIRT1-mediated amelioration of oxidative stress in kidney of alcohol-aflatoxin-B1-induced hepatocellular carcinoma by resveratrol is catalase dependent and GPx independent. <i>Journal of Biochemical and Molecular Toxicology</i> , <b>2020</b> , 34, e22576	3.4	4
1	Ameliorative effect of piracetam on emamectin benzoate induced perturbations in the activity of lactate dehydrogenase in murine system. <i>Advances in Redox Research</i> , <b>2021</b> , 3, 100019		1