

# Akalesh Kumar Verma

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/1521760/akalesh-kumar-verma-publications-by-citations.pdf>

**Version:** 2024-04-27

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.

18  
papers

403  
citations

14  
h-index

20  
g-index

21  
ext. papers

484  
ext. citations

3.4  
avg, IF

4.36  
L-index

#	Paper	IF	Citations
18	Solvent-driven structural topology involving energetically significant intra- and intermolecular chelate ring contacts and anticancer activities of Cu(II) phenanthroline complexes involving benzoates: experimental and theoretical studies.. <i>RSC Advances</i> , <b>2019</b> , 9, 16339-16356	3.7	38
17	Energetically significant unconventional H <sub>2</sub> O...O contacts involving fumarate in a novel coordination polymer of Zn(II): In-vitro anticancer evaluation and theoretical studies. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 493, 1-13	2.7	37
16	Antiproliferative evaluation and supramolecular association in Mn(II) and Zn(II) bipyridine complexes: Combined experimental and theoretical studies. <i>Journal of Inorganic Biochemistry</i> , <b>2019</b> , 200, 110803	4.2	34
15	Cantharidin-mediated ultrastructural and biochemical changes in mitochondria lead to apoptosis and necrosis in murine Dalton's lymphoma. <i>Microscopy and Microanalysis</i> , <b>2013</b> , 19, 1377-94	0.5	33
14	Synthesis and evaluation of new salicylaldehyde-2-picolinylhydrazone Schiff base compounds of Ru(II), Rh(III) and Ir(III) as in vitro antitumor, antibacterial and fluorescence imaging agents. <i>Journal of Biological Inorganic Chemistry</i> , <b>2015</b> , 20, 619-38	3.7	32
13	Energetically favorable anti-electrostatic hydrogen bonded cationic clusters in Ni(II) 3,5-dimethylpyrazole complexes: Anticancer evaluation and theoretical studies. <i>Polyhedron</i> , <b>2019</b> , 168, 113-126	2.7	31
12	Bioactive component, cantharidin from <i>Mylabris cichorii</i> and its antitumor activity against Ehrlich ascites carcinoma. <i>Cell Biology and Toxicology</i> , <b>2012</b> , 28, 133-47	7.4	30
11	Phytochemical analysis and cytostatic potential of ethnopharmacological important medicinal plants. <i>Toxicology Reports</i> , <b>2020</b> , 7, 443-452	4.8	27
10	Charge-assisted hydrogen bond and nitrile...nitrile interaction directed supramolecular associations in Cu(II) and Mn(II) coordination complexes: anticancer, hematotoxicity and theoretical studies. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 5473-5488	3.6	25
9	Energetically significant unconventional O...H...O contacts involving discrete guest (H <sub>2</sub> O) <sub>8</sub> clusters in a fumarate bridged polymeric supramolecular host of Ni(II) phenanthroline: Antiproliferative evaluation and theoretical studies. <i>Polyhedron</i> , <b>2020</b> , 176, 114266	2.7	21
8	Unconventional DNA-relevant H...O stacked hydrogen bonded arrays involving supramolecular guest benzoate dimers and cooperative anion...anion contacts in coordination compounds of Co(II) and Zn(II) phenanthroline: experimental and theoretical studies. <i>New Journal of Chemistry</i> , <b>2020</b> , 44, 5473-5488	3.6	20
7	Energetically significant antiparallel H...O stacking contacts in Co(II), Ni(II) and Cu(II) coordination compounds of pyridine-2,6-dicarboxylates: Antiproliferative evaluation and theoretical studies. <i>Inorganica Chimica Acta</i> , <b>2020</b> , 501, 119233	2.7	20
6	Antitumor effect of blister beetles: an ethno-medicinal practice in Karbi community and its experimental evaluation against a murine malignant tumor model. <i>Journal of Ethnopharmacology</i> , <b>2013</b> , 148, 869-79	5	16
5	Supramolecular association involving antiparallel CO...CO and anion...anion contacts in Co(II) and Mn(II) complexes involving 2,5-pyridinedicarboxylate: Anticancer evaluation and theoretical studies. <i>Inorganica Chimica Acta</i> , <b>2019</b> , 498, 119108	2.7	14
4	p16 Expression as a Surrogate Marker for HPV Infection in Esophageal Squamous Cell Carcinoma can Predict Response to Neo-Adjuvant Chemotherapy. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2015</b> , 16, 7161-5	1.7	11
3	Cordycepin: a bioactive metabolite of C and polyadenylation inhibitor with therapeutic potential against COVID-19. <i>Journal of Biomolecular Structure and Dynamics</i> , <b>2020</b> , 1-8	3.6	7
2	A pharmacological perspective of banana: implications relating to therapeutic benefits and molecular docking. <i>Food and Function</i> , <b>2021</b> , 12, 4749-4767	6.1	5

- 1 In vitro study of the antioxidant, antiproliferative, and anthelmintic properties of some medicinal plants of Kokrajhar district, India. *Journal of Parasitic Diseases*, **2021**, 45, 1123-1134 1.3 2