

# Akalesh Kumar Verma

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

553  
citations

516561

16  
h-index

794469

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

484  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phytochemical analysis and in vitro cytostatic potential of ethnopharmacological important medicinal plants. <i>Toxicology Reports</i> , 2020, 7, 443-452.	1.6	50
2	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> , 2019, 9, 16339-16356.	1.7	47
3	Energetically significant unconventional $\pi\text{-}\pi$ contacts involving fumarate in a novel coordination polymer of Zn(II): In-vitro anticancer evaluation and theoretical studies. <i>Inorganica Chimica Acta</i> , 2019, 493, 1-13.	1.2	47
4	Bioactive component, cantharidin from <i>Mylabris cichorii</i> and its antitumor activity against Ehrlich ascites carcinoma. <i>Cell Biology and Toxicology</i> , 2012, 28, 133-147.	2.4	45
5	Cantharidin-Mediated Ultrastructural and Biochemical Changes in Mitochondria Lead to Apoptosis and Necrosis in Murine Dalton's Lymphoma. <i>Microscopy and Microanalysis</i> , 2013, 19, 1377-1394.	0.2	42
6	Antiproliferative evaluation and supramolecular association in Mn(II) and Zn(II) bipyridine complexes: Combined experimental and theoretical studies. <i>Journal of Inorganic Biochemistry</i> , 2019, 200, 110803.	1.5	37
7	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> , 2015, 20, 619-638.	1.1	36
8	Energetically favorable anti-electrostatic hydrogen bonded cationic clusters in Ni(II) 3,5-dimethylpyrazole complexes: Anticancer evaluation and theoretical studies. <i>Polyhedron</i> , 2019, 168, 113-126.	1.0	36
9	Charge-assisted hydrogen bond and nitrile $\cdots$ nitrile interaction directed supramolecular associations in Cu(II) and Mn(II) coordination complexes: anticancer, hematotoxicity and theoretical studies. <i>New Journal of Chemistry</i> , 2020, 44, 5473-5488.	1.4	34
10	Cordycepin: a bioactive metabolite of <i>Cordyceps militaris</i> and polyadenylation inhibitor with therapeutic potential against COVID-19. <i>Journal of Biomolecular Structure and Dynamics</i> , 2020, , 1-8.	2.0	30
11	Energetically significant antiparallel $\pi\text{-}\pi$ -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> , 2020, 501, 119233.	1.2	26
12	Unconventional DNA-relevant $\pi\text{-}\pi$ -stacked hydrogen bonded arrays involving supramolecular guest benzoate dimers and cooperative anion $\cdots$ $\pi$ anion contacts in coordination compounds of Co(II) and Zn(II) phenanthroline: experimental and theoretical studies. <i>New Journal of Chemistry</i> , 2020, 44, 4504-4518.	1.4	24
13	Energetically significant unconventional O $\cdots$ $\pi$ 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> , 2020, 176, 114266.	1.0	23
14	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> , 2013, 148, 869-879.	2.0	18
15	Supramolecular association involving antiparallel CO $\cdots$ CO and anion $\cdots$ $\pi$ contacts in Co(II) and Mn(II) complexes involving 2,5-pyridinedicarboxylate: Anticancer evaluation and theoretical studies. <i>Inorganica Chimica Acta</i> , 2019, 498, 119108.	1.2	17
16	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> , 2015, 16, 7161-7165.	0.5	17
17	A pharmacological perspective of banana: implications relating to therapeutic benefits and molecular docking. <i>Food and Function</i> , 2021, 12, 4749-4767.	2.1	13
18	Ruthenium, rhodium, and iridium complexes featuring coumarin hydrazone derivatives: Synthesis, characterization, and preliminary investigation of their anticancer and antibacterial activity. <i>Applied Organometallic Chemistry</i> , 2022, 36, .	1.7	7

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19	In vitro study of the antioxidant, antiproliferative, and anthelmintic properties of some medicinal plants of Kokrajhar district, India. <i>Journal of Parasitic Diseases</i> , 2021, 45, 1123-1134.	0.4	4