

# Avinash K Kudva

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

554  
citations

759233

12  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

883  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biogenic synthesis of gold nanoparticles by marine endophytic fungus-Cladosporium cladosporioides isolated from seaweed and evaluation of their antioxidant and antimicrobial properties. <i>Process Biochemistry</i> , 2017, 63, 137-144.	3.7	102
2	Selenium and inflammatory bowel disease. <i>American Journal of Physiology - Renal Physiology</i> , 2015, 309, G71-G77.	3.4	92
3	Crucial Role of Macrophage Selenoproteins in Experimental Colitis. <i>Journal of Immunology</i> , 2014, 193, 3683-3692.	0.8	79
4	Total Synthesis of $\text{I}^{12}$ -Prostaglandin $\text{J}_3$ , a Highly Potent and Selective Antileukemic Agent. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10443-10447.	13.8	39
5	Selenium Suppresses Leukemia through the Action of Endogenous Eicosanoids. <i>Cancer Research</i> , 2014, 74, 3890-3901.	0.9	30
6	Spectroscopic, single crystal X-ray, Hirshfeld, in vitro and in silico biological evaluation of a new series of potent thiazole nucleus integrated with pyrazoline scaffolds. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 174, 254-271.	3.9	28
7	Synthesis of novel 5-(2,5-bis(2,2,2-trifluoroethoxy)phenyl)-1,3,4-oxadiazole-2-thiol derivatives as potential glucosidase inhibitors. <i>Bioorganic Chemistry</i> , 2021, 114, 105046.	4.1	27
8	Colorimetric $\text{Co}^{2+}$ fluorescent probe for selective detection of toxic $\text{Hg}^{2+}$ based on rhodamine and its application for in-vivo bioimaging. <i>Microchemical Journal</i> , 2021, 166, 106233.	4.5	19
9	A versatile rhodamine B-derived fluorescent probe for selective copper(II) sensing. <i>Inorganic Chemistry Communication</i> , 2022, 141, 109501.	3.9	18
10	Escherichia coli Braun Lipoprotein (BLP) exhibits endotoxemia like pathology in Swiss albino mice. <i>Scientific Reports</i> , 2016, 6, 34666.	3.3	17
11	Synthesis of novel indole, 1,2,4-triazole derivatives as potential glucosidase inhibitors. <i>Journal of King Saud University - Science</i> , 2020, 32, 3388-3399.	3.5	16
12	Evaluation of the Stability, Bioavailability, and Hypersensitivity of the Omega-3 Derived Anti-Leukemic Prostaglandin: $\text{I}^{12}$ -Prostaglandin $\text{J}_3$ . <i>PLoS ONE</i> , 2013, 8, e80622.	2.5	15
13	Complexation of amphotericin B and curcumin with serum albumins: solubility and effect on erythrocyte membrane damage. <i>Journal of Experimental Pharmacology</i> , 2011, 3, 1.	3.2	11
14	Radioprotective role of uric acid: evidence from studies in Drosophila and human dermal fibroblast cells. <i>Molecular Biology Reports</i> , 2020, 47, 2427-2436.	2.3	11
15	Design, synthesis and pharmacological studies of some new quinoline Schiff bases and 2,5-(disubstituted-[1,3,4]-oxadiazoles. <i>New Journal of Chemistry</i> , 2017, 41, 8568-8585.	2.8	10
16	Synthesis, crystal structure and Hirshfeld surfaces of 1-(3,4-dimethoxyphenyl)-3-(3-hydroxyphenyl)prop-2-en-1-one. <i>Chemical Data Collections</i> , 2018, 15-16, 153-160.	2.3	7
17	Reduction of Tetrathionate by Mammalian Thioredoxin Reductase. <i>Biochemistry</i> , 2015, 54, 5121-5124.	2.5	6
18	Chemopreventive Effects of Dietary Eicosapentaenoic Acid Supplementation in Experimental Myeloid Leukemia. <i>Cancer Prevention Research</i> , 2015, 8, 989-999.	1.5	6

#	ARTICLE	IF	CITATIONS
19	Traditionally Used Natural Products in Preventing Ionizing Radiation-Induced. Anti-Cancer Agents in Medicinal Chemistry, 2021, 22, 64-82.	1.7	5
20	3D energy framework of a benzophenone acidic dimer. Chemical Data Collections, 2019, 19, 100168.	2.3	4
21	Study of Serum Zinc and Copper Levels and Tumor Pathology: A Pilot Study in People Affected with Head and Neck Cancers. Indian Journal of Otolaryngology and Head and Neck Surgery, 2022, 74, 6007-6015.	0.9	3
22	Medicinal plants in mitigating electromagnetic radiation-induced neuronal damage: a concise review. Electromagnetic Biology and Medicine, 2021, , 1-14.	1.4	3
23	Dietary agents in mitigating chemotherapy-related cognitive impairment (chemobrain or chemofog): first review addressing the benefits, gaps, challenges and ways forward. Food and Function, 2021, 12, 11132-11153.	4.6	3
24	Indian Indigenous Fruits as Radioprotective Agents: Past, Present and Future. Anti-Cancer Agents in Medicinal Chemistry, 2021, 22, 53-63.	1.7	2
25	Toxicological Profiling of Onion-Peel-Derived Mesoporous Carbon Nanospheres Using In Vivo Drosophila melanogaster Model. Applied Sciences (Switzerland), 2022, 12, 1528.	2.5	1