

# Avijit Paul

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

866  
citations

471509

17  
h-index

580821

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1359  
citing authors

#	ARTICLE	IF	CITATIONS
1	[6]-Gingerol isolated from ginger attenuates sodium arsenite induced oxidative stress and plays a corrective role in improving insulin signaling in mice. <i>Toxicology Letters</i> , 2012, 210, 34-43.	0.8	117
2	Strategic formulation of apigenin-loaded PLGA nanoparticles for intracellular trafficking, DNA targeting and improved therapeutic effects in skin melanoma in vitro. <i>Toxicology Letters</i> , 2013, 223, 124-138.	0.8	77
3	Apigenin, a Bioactive Flavonoid from <i>Lycopodium clavatum</i> , Stimulates Nucleotide Excision Repair Genes to Protect Skin Keratinocytes from Ultraviolet B-Induced Reactive Oxygen Species and DNA Damage. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2013, 6, 252-262.	0.7	59
4	VDAC1 is a molecular target in glioblastoma, with its depletion leading to reprogrammed metabolism and reversed oncogenic properties. <i>Neuro-Oncology</i> , 2017, 19, 951-964.	1.2	55
5	Cytotoxicity and apoptotic signalling cascade induced by chelidonine-loaded PLGA nanoparticles in HepG2 cells in vitro and bioavailability of nano-chelidonine in mice in vivo. <i>Toxicology Letters</i> , 2013, 222, 10-22.	0.8	54
6	Homeopathic mother tincture of <i>Phytolacca decandra</i> induces apoptosis in skin melanoma cells by activating caspase-mediated signaling via reactive oxygen species elevation. <i>Journal of Integrative Medicine</i> , 2013, 11, 116-124.	3.1	48
7	Assessment of drug delivery and anticancer potentials of nanoparticles-loaded siRNA targeting STAT3 in lung cancer, in vitro and in vivo. <i>Toxicology Letters</i> , 2014, 225, 454-466.	0.8	46
8	The Potentized Homeopathic Drug, <i>Lycopodium clavatum</i> (5C and 15C) Has Anti-cancer Effect on HeLa Cells In Vitro.. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2013, 6, 180-187.	0.7	44
9	Mitochondrial VDAC1 Silencing Leads to Metabolic Rewiring and the Reprogramming of Tumour Cells into Advanced Differentiated States. <i>Cancers</i> , 2018, 10, 499.	3.7	38
10	Diarylheptanoid myricanone isolated from ethanolic extract of <i>Myrica cerifera</i> shows anticancer effects on HeLa and PC3 cell lines: signalling pathway and drug-DNA interaction. <i>Journal of Integrative Medicine</i> , 2013, 11, 405-415.	3.1	32
11	Chelidonine isolated from ethanolic extract of <i>Chelidonium majus</i> promotes apoptosis in HeLa cells through p38-p53 and PI3K/AKT signalling pathways. <i>Zhong Xi Yi Jie He Xue Bao</i> , 2012, 10, 1025-1038.	0.7	32
12	Ameliorative Effects of <i>Syzygium jambolanum</i> Extract and its Poly (lactic-co-glycolic) Acid Nano-encapsulated Form on Arsenic-induced Hyperglycemic Stress: A Multi-parametric Evaluation. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2012, 5, 310-318.	0.7	31
13	Poly (lactide-co-glycolide) nano-encapsulation of chelidonine, an active bioingredient of greater celandine ( <i>Chelidonium majus</i> ), enhances its ameliorative potential against cadmium induced oxidative stress and hepatic injury in mice. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 937-947.	4.0	26
14	Mitochondrial VDAC1-based peptides: Attacking oncogenic properties in glioblastoma. <i>Oncotarget</i> , 2017, 8, 31329-31346.	1.8	26
15	A New Role for the Mitochondrial Pro-apoptotic Protein SMAC/Diablo in Phospholipid Synthesis Associated with Tumorigenesis. <i>Molecular Therapy</i> , 2018, 26, 680-694.	8.2	25
16	A molecular signature of lung cancer: potential biomarkers for adenocarcinoma and squamous cell carcinoma. <i>Oncotarget</i> , 2017, 8, 105492-105509.	1.8	23
17	VDAC1 in the diseased myocardium and the effect of VDAC1-interacting compound on atrial fibrosis induced by hyperaldosteronism. <i>Scientific Reports</i> , 2020, 10, 22101.	3.3	21
18	Nanopharmaceutical Approach for Enhanced Anti-cancer Activity of Betulinic Acid in Lung-cancer Treatment via Activation of PARP: Interaction with DNA as a Target. <i>Journal of Pharmacopuncture</i> , 2016, 19, 37-44.	1.1	21

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19	Anticancer Potential of Myricanone, a Major Bioactive Component of <i>Myrica cerifera</i> : Novel Signaling Cascade for Accomplishing Apoptosis. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2013, 6, 188-198.	0.7	19
20	Mitochondria and nucleus cross-talk: Signaling in metabolism, apoptosis, and differentiation, and function in cancer. <i>IUBMB Life</i> , 2021, 73, 492-510.	3.4	18
21	Post-cancer Treatment with Condurango 30C Shows Amelioration of Benzo[a]pyrene-induced Lung Cancer in Rats Through the Molecular Pathway of Caspase-3-mediated Apoptosis Induction -Anti-lung cancer potential of Condurango 30C in rats-. <i>Journal of Pharmacopuncture</i> , 2013, 16, 11-22.	1.1	15
22	Ethanol extract of <i>Thuja occidentalis</i> blocks proliferation of A549 cells and induces apoptosis in vitro. <i>Zhong Xi Yi Jie He Xue Bao</i> , 2012, 10, 1451-1459.	0.7	14
23	Strong Anticancer Potential of Nano-triterpenoid from <i>Phytolacca decandra</i> against A549 Adenocarcinoma via a Ca <sup>2+</sup> -dependent Mitochondrial Apoptotic Pathway. <i>JAMS Journal of Acupuncture and Meridian Studies</i> , 2014, 7, 140-150.	0.7	11
24	Homeopathic mother tincture of <i>Conium</i> initiates reactive oxygen species mediated DNA damage and makes HeLa cells prone to apoptosis. <i>Tang [humanitas Medicine]</i> , 2012, 2, 26.1-26.5.	0.2	8
25	SMAC/Diablo controls proliferation of cancer cells by regulating phosphatidylethanolamine synthesis. <i>Molecular Oncology</i> , 2021, 15, 3037-3061.	4.6	6