

# Arif Hussain

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

1,939  
citations

257101

24  
h-index

264894

42  
g-index

54  
all docs

54  
docs citations

54  
times ranked

2935  
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on the cleavage priming of the spike protein on coronavirus by angiotensin-converting enzyme-2 and furin. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 3025-3033.	2.0	230
2	Oxidative Stress in Human Pathology and Aging: Molecular Mechanisms and Perspectives. <i>Cells</i> , 2022, 11, 552.	1.8	183
3	(âˆ“)Epigallocatechin-3-gallate reverses the expression of various tumor-suppressor genes by inhibiting DNA methyltransferases and histone deacetylases in human cervical cancer cells. <i>Oncology Reports</i> , 2015, 33, 1976-1984.	1.2	137
4	The Potential Role of Nitric Oxide in Halting Cancer Progression Through Chemoprevention. <i>Journal of Cancer Prevention</i> , 2016, 21, 1-12.	0.8	104
5	Eugenol Enhances the Chemotherapeutic Potential of Gemcitabine and Induces Anticarcinogenic and Anti-inflammatory Activity in Human Cervical Cancer Cells. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2011, 26, 519-527.	0.7	88
6	Multiresistant Uropathogenic <i>Escherichia coli</i> from a Region in India Where Urinary Tract Infections Are Endemic: Genotypic and Phenotypic Characteristics of Sequence Type 131 Isolates of the CTX-M-15 Extended-Spectrum- $\beta$ -Lactamase-Producing Lineage. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 6358-6365.	1.4	81
7	Quercetin modifies 5â€²CpG promoter methylation and reactivates various tumor suppressor genes by modulating epigenetic marks in human cervical cancer cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 18357-18369.	1.2	78
8	Quercetin modulates signaling pathways and induces apoptosis in cervical cancer cells. <i>Bioscience Reports</i> , 2019, 39, .	1.1	73
9	Targeting SARS-CoV2 Spike Protein Receptor Binding Domain by Therapeutic Antibodies. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110559.	2.5	64
10	(-)-Epigallocatechin-3-Gallate Induces Apoptosis and Inhibits Invasion and Migration of Human Cervical Cancer Cells. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 4815-4822.	0.5	56
11	Anti-carcinogenic effects of sulforaphane in association with its apoptosis-inducing and anti-inflammatory properties in human cervical cancer cells. <i>Cancer Epidemiology</i> , 2011, 35, 272-278.	0.8	54
12	Inhibitory effect of genistein on the invasive potential of human cervical cancer cells via modulation of matrix metalloproteinase-9 and tissue inhibitors of matrix metalloproteinase-1 expression. <i>Cancer Epidemiology</i> , 2012, 36, e387-e393.	0.8	53
13	Genistein Induces Alterations of Epigenetic Modulatory Signatures in Human Cervical Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2018, 18, 412-421.	0.9	51
14	Aloe vera Inhibits Proliferation of Human Breast and Cervical Cancer Cells and Acts Synergistically with Cisplatin. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 2939-2946.	0.5	50
15	Sulforaphane Reverses the Expression of Various Tumor Suppressor Genes by Targeting DNMT3B and HDAC1 in Human Cervical Cancer Cells. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-12.	0.5	47
16	Sulforaphane Inhibits Growth of Human Breast Cancer Cells and Augments the Therapeutic Index of the Chemotherapeutic Drug, Gemcitabine. <i>Asian Pacific Journal of Cancer Prevention</i> , 2013, 14, 5855-5860.	0.5	41
17	Concurrent Sulforaphane and Eugenol Induces Differential Effects on Human Cervical Cancer Cells. <i>Integrative Cancer Therapies</i> , 2012, 11, 154-165.	0.8	37
18	Ethanollic Neem ( <i>Azadirachta indica</i> ) Leaf Extract Prevents Growth of MCF-7 and HeLa Cells and Potentiates the Therapeutic Index of Cisplatin. <i>Journal of Oncology</i> , 2014, 2014, 1-10.	0.6	37

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19	GSTP1 methylation and polymorphism increase the risk of breast cancer and the effects of diet and lifestyle in breast cancer patients. <i>Experimental and Therapeutic Medicine</i> , 2012, 4, 1097-1103.	0.8	36
20	Nickel ferrite nanoparticles induced improved fungal cellulase production using residual algal biomass and subsequent hydrogen production following dark fermentation. <i>Fuel</i> , 2021, 304, 121391.	3.4	35
21	Dietary isothiocyanates inhibit cancer progression by modulation of epigenome. <i>Seminars in Cancer Biology</i> , 2022, 83, 353-376.	4.3	34
22	Luteolin inhibits proliferation, triggers apoptosis and modulates Akt/mTOR and MAP kinase pathways in HeLa cells. <i>Oncology Letters</i> , 2021, 21, 192.	0.8	33
23	Genistein Modulates Signaling Pathways and Targets Several Epigenetic Markers in HeLa Cells. <i>Genes</i> , 2019, 10, 955.	1.0	29
24	A review on myricetin as a potential therapeutic candidate for cancer prevention. <i>3 Biotech</i> , 2020, 10, 211.	1.1	27
25	A review of the berberine natural polysaccharide nanostructures as potential anticancer and antibacterial agents. <i>Biomedicine and Pharmacotherapy</i> , 2022, 146, 112531.	2.5	25
26	Application of gelatin nanoconjugates as potential internal stimuli-responsive platforms for cancer drug delivery. <i>Journal of Molecular Liquids</i> , 2020, 318, 114053.	2.3	20
27	Fisetin Deters Cell Proliferation, Induces Apoptosis, Alleviates Oxidative Stress and Inflammation in Human Cancer Cells, HeLa. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1707.	1.8	19
28	Hypermethylation analysis of mismatch repair genes (hmlh1 and hmsh2) in locally advanced breast cancers in Indian women. <i>Human Pathology</i> , 2008, 39, 672-680.	1.1	16
29	G894T and 4a/b Polymorphisms of NOS3 Gene are Not Associated with Cancer Risk: a Meta-analysis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2015, 16, 2929-2937.	0.5	15
30	Epigallocatechin gallate inhibits HeLa cells by modulation of epigenetics and signaling pathways. <i>3 Biotech</i> , 2020, 10, 484.	1.1	14
31	Microbial dysbiosis and epigenetics modulation in cancer development – A chemopreventive approach. <i>Seminars in Cancer Biology</i> , 2022, 86, 666-681.	4.3	13
32	Clove ( <i>Syzygium aromaticum</i> ) Extract Potentiates Gemcitabine Cytotoxic Effect on Human Cervical Cancer Cell Line. <i>International Journal of Cancer Research</i> , 2009, 5, 95-104.	0.2	13
33	Silybin B and Cianidanol Inhibit Mpro and Spike Protein of SARS-CoV-2: Evidence from in silico Molecular Docking Studies. <i>Current Pharmaceutical Design</i> , 2021, 27, 3476-3489.	0.9	12
34	<i>In Silico</i> Studies Reveal Antiviral Effects of Traditional Indian Spices on COVID-19. <i>Current Pharmaceutical Design</i> , 2021, 27, 3462-3475.	0.9	12
35	Association of MBL2 gene polymorphisms with pulmonary tuberculosis susceptibility: trial sequence meta-analysis as evidence. <i>Infection and Drug Resistance</i> , 2019, Volume 12, 185-210.	1.1	11
36	Luteolin Causes 5mCpG Demethylation of the Promoters of TSGs and Modulates the Aberrant Histone Modifications, Restoring the Expression of TSGs in Human Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4067.	1.8	10

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37	Specific 5â€²CpG Island Methylation Signatures of <i>FHIT</i> and <i>p16</i> Genes and Their Potential Diagnostic Relevance in Indian Breast Cancer Patients. <i>DNA and Cell Biology</i> , 2008, 27, 517-525.	0.9	9
38	Chrysin inhibits propagation of HeLa cells by attenuating cell survival and inducing apoptotic pathways. <i>European Review for Medical and Pharmacological Sciences</i> , 2021, 25, 2206-2220.	0.5	9
39	Targeting Akt/NF-Î²/p53 Pathway and Apoptosis Inducing Potential of 1,2-Benzenedicarboxylic Acid, Bis (2-Methyl Propyl) Ester Isolated from <i>Onosma bracteata</i> Wall. against Human Osteosarcoma (MG-63) Cells. <i>Molecules</i> , 2022, 27, 3478.	1.7	9
40	Phytochemicals induce apoptosis by modulation of nitric oxide signaling pathway in cervical cancer cells. <i>European Review for Medical and Pharmacological Sciences</i> , 2020, 24, 11827-11844.	0.5	8
41	Combinational Use of Phytochemicals and Chemotherapeutic Drugs Enhance Their Therapeutic Potential on Human Cervical Cancer Cells. <i>International Journal of Cancer Management</i> , 2019, 12, .	0.2	8
42	Association between urinary 6Î²-hydroxycortisol/cortisol ratio and CYP3A5 genotypes in a normotensive population. <i>Experimental and Therapeutic Medicine</i> , 2013, 5, 527-532.	0.8	7
43	A trial sequential meta-analysis of <i>TNF-Î±</i> -308G&gt;A (rs800629) gene polymorphism and susceptibility to colorectal cancer. <i>Bioscience Reports</i> , 2019, 39, .	1.1	7
44	Molecular insight into apoptosis mediated by flavones in cancer (Review). <i>World Academy of Sciences Journal</i> , 0, , .	0.4	7
45	Kaempferol Regresses Carcinogenesis through a Molecular Cross Talk Involved in Proliferation, Apoptosis and Inflammation on Human Cervical Cancer Cells, HeLa. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3155.	1.3	7
46	Chrysin Modulates Aberrant Epigenetic Variations and Hampers Migratory Behavior of Human Cervical (HeLa) Cells. <i>Frontiers in Genetics</i> , 2021, 12, 768130.	1.1	6
47	Growth inhibitory and adjuvant therapeutic potential of aqueous extract of <i>Triticum aestivum</i> on MCF-7 and HeLa cells. <i>Experimental Oncology</i> , 2014, 36, 9-16.	0.4	6
48	Effects of rilpivirine, 17Î²-estradiol and Î²-naphthoflavone on the inflammatory status of release of adipocytokines in 3T3-L1 adipocytes in vitro. <i>Molecular Biology Reports</i> , 2019, 46, 2643-2655.	1.0	5
49	Exploring the interaction of quercetin-3-O-sophoroside with SARS-CoV-2 main proteins by theoretical studies: A probable prelude to control some variants of coronavirus including Delta. <i>Arabian Journal of Chemistry</i> , 2021, 14, 103353.	2.3	4
50	Association of eNOS (G894T, rs1799983) and KCNJ11 (E23K, rs5219) gene polymorphism with coronary artery disease in North Indian population. <i>African Health Sciences</i> , 2021, 21, 1163-1171.	0.3	4
51	Antineoplastic action of sulforaphane on HeLa cells by modulation of signaling pathways and epigenetic pathways. <i>Minerva Medica</i> , 2022, 112, .	0.3	3
52	Effect of the anti-retroviral drug, rilpivirine, on human subcutaneous adipose cells and its nutritional management using quercetin. <i>Molecular and Cellular Biochemistry</i> , 2020, 471, 1-13.	1.4	2
53	Epigenetic aberrations in cervical cancer. , 2021, , 343-370.		0
54	Combinational Therapy Using Chemotherapeutic Agents and Dietary Bioactive Compounds. <i>Advances in Medical Diagnosis, Treatment, and Care</i> , 2021, , 188-214.	0.1	0