Mohammad Imran Khan

List of Publications by Year
in descending order

50 papers	1,478 citations	361296 20 h-index	330025 37 g-index
53 all docs	53 docs citations	53 times ranked	2465 citing authors

#	Article	IF	Citations
1	Dietary Polyphenols in Prevention and Treatment of Prostate Cancer. International Journal of Molecular Sciences, 2015, 16, 3350-3376.	1.8	159
2	Excellent anti-proliferative and pro-apoptotic effects of (â˜)-epigallocatechin-3-gallate encapsulated in chitosan nanoparticles on human melanoma cell growth both in vitro and in vivo. Nanomedicine: Nanotechnology, Biology, and Medicine, 2014, 10, 1619-1626.	1.7	131
3	YB-1 expression promotes epithelial-to-mesenchymal transition in prostate cancer that is inhibited by a small molecule fisetin. Oncotarget, 2014, 5, 2462-2474.	0.8	96
4	Inhibition of Akt/mTOR Signaling by the Dietary Flavonoid Fisetin. Anti-Cancer Agents in Medicinal Chemistry, 2013, 13, 995-1001.	0.9	95
5	MicroRNAs in Skin Response to UV Radiation. Current Drug Targets, 2013, 14, 1128-1134.	1.0	68
6	Nutritive vitamins as epidrugs. Critical Reviews in Food Science and Nutrition, 2021, 61, 1-13.	5.4	66
7	Exploring the molecular targets of dietary flavonoid fisetin in cancer. Seminars in Cancer Biology, 2016, 40-41, 130-140.	4.3	60
8	Urolithins: The Gut Based Polyphenol Metabolites of Ellagitannins in Cancer Prevention, a Review. Frontiers in Nutrition, 2021, 8, 647582.	1.6	57
9	Fisetin inhibits human melanoma cell growth through direct binding to p70S6K and mTOR: Findings from 3-D melanoma skin equivalents and computational modeling. Biochemical Pharmacology, 2014, 89, 349-360.	2.0	53
10	Role of Epithelial Mesenchymal Transition in Prostate Tumorigenesis. Current Pharmaceutical Design, 2015, 21, 1240-1248.	0.9	46
11	Nanoencapsulated dietary polyphenols for cancer prevention and treatment: successes and challenges. Nanomedicine, 2020, 15, 1147-1162.	1.7	43
12	The pentacyclic triterpenoid, plectranthoic acid, a novel activator of AMPK induces apoptotic death in prostate cancer cells. Oncotarget, 2016, 7, 3819-3831.	0.8	43
13	Mutagenic, antioxidant and wound healing properties of Aloe vera. Journal of Ethnopharmacology, 2018, 227, 191-197.	2.0	39
14	Hypoxia driven glycation: Mechanisms and therapeutic opportunities. Seminars in Cancer Biology, 2018, 49, 75-82.	4.3	37
15	Integration of Transcriptome and Metabolome Provides Unique Insights to Pathways Associated With Obese Breast Cancer Patients. Frontiers in Oncology, 2020, 10, 804.	1.3	36
16	Development of (â˜)-epigallocatechin-3-gallate-loaded folate receptor-targeted nanoparticles for prostate cancer treatment. Nanotechnology Reviews, 2021, 11, 298-311.	2.6	31
17	Urolithins Attenuate Multiple Symptoms of Obesity in Rats Fed on a High-Fat Diet . Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2020, Volume 13, 3337-3348.	1.1	29
18	Prospective of nanoscale metal organic frameworks [NMOFs] for cancer therapy. Seminars in Cancer Biology, 2021, 69, 129-139.	4.3	27

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19	Hepatic stearoyl CoA desaturase 1 deficiency increases glucose uptake in adipose tissue partially through the PGC-1Î±â€“FGF21 axis in mice. Journal of Biological Chemistry, 2019, 294, 19475-19485.	1.6	24
20	Hepatic Stearoyl-CoA desaturase-1 deficiency-mediated activation of mTORC1- PGC-1Î± axis regulates ER stress during high-carbohydrate feeding. Scientific Reports, 2019, 9, 15761.	1.6	22
21	Targeting epigenome with dietary nutrients in cancer: Current advances and future challenges. Pharmacological Research, 2018, 129, 375-387.	3.1	21
22	The Therapeutic Potential of Milk Extracellular Vesicles on Colorectal Cancer. International Journal of Molecular Sciences, 2022, 23, 6812.	1.8	20
23	Sestrin-3 modulation is essential for therapeutic efficacy of cucurbitacin B in lung cancer cells. Carcinogenesis, 2017, 38, bgw124.	1.3	19
24	Remodelin, a Nâ€acetyltransferase 10 (NAT10) inhibitor, alters mitochondrial lipid metabolism in cancer cells. Journal of Cellular Biochemistry, 2021, 122, 1936-1945.	1.2	19
25	Untargeted Metabolomics Identifies Key Metabolic Pathways Altered by Thymoquinone in Leukemic Cancer Cells. Nutrients, 2020, 12, 1792.	1.7	17
26	Structural insights of human N-acetyltransferase 10 and identification of its potential novel inhibitors. Scientific Reports, 2021, 11, 6051.	1.6	17
27	Untargeted Metabolic Profiling of Extracellular Vesicles of SARS-CoV-2-Infected Patients Shows Presence of Potent Anti-Inflammatory Metabolites. International Journal of Molecular Sciences, 2021, 22, 10467.	1.8	16
28	Dietary flavonoid fisetin increases abundance of high-molecular-mass hyaluronan conferring resistance to prostate oncogenesis. Carcinogenesis, 2016, 37, 918-928.	1.3	15
29	Effects of urolithins on obesity-associated gut dysbiosis in rats fed on a high-fat diet. International Journal of Food Sciences and Nutrition, 2021, 72, 923-934.	1.3	14
30	Effects of Methanolic Extract Based-Gel From Saudi Pomegranate Peels With Enhanced Healing Potential on Excision Wounds in Diabetic Rats. Frontiers in Pharmacology, 2021, 12, 704503.	1.6	14
31	Urolithin A and B Alter Cellular Metabolism and Induce Metabolites Associated with Apoptosis in Leukemic Cells. International Journal of Molecular Sciences, 2021, 22, 5465.	1.8	14
32	Proproliferative function of adaptor protein GRB10 in prostate carcinoma. FASEB Journal, 2019, 33, 3198-3211.	0.2	13
33	Association of autoimmunity and cancer: An emphasis on proteolytic enzymes. Seminars in Cancer Biology, 2020, 64, 19-28.	4.3	13
34	Exome sequencing and metabolomic analysis of a chronic kidney disease and hearing loss patient family revealed RMND1 mutation induced sphingolipid metabolism defects. Saudi Journal of Biological Sciences, 2020, 27, 324-334.	1.8	13
35	Compound C, a Broad Kinase Inhibitor Alters Metabolic Fingerprinting of Extra Cellular Matrix Detached Cancer Cells. Frontiers in Oncology, 2021, 11, 612778.	1.3	13
36	AKT Inhibition Modulates H3K4 Demethylase Levels in PTEN-Null Prostate Cancer. Molecular Cancer Therapeutics, 2019, 18, 356-363.	1.9	11

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37	Comparative Analysis of the Impact of Urolithins on the Composition of the Gut Microbiota in Normal-Diet Fed Rats. Nutrients, 2021, 13, 3885.	1.7	10
38	Exosome-Mediated Response to Cancer Therapy: Modulation of Epigenetic Machinery. International Journal of Molecular Sciences, 2022, 23, 6222.	1.8	10
39	Venetoclax-Resistant MV4-11 Leukemic Cells Activate PI3K/AKT Pathway for Metabolic Reprogramming and Redox Adaptation for Survival. Antioxidants, 2022, 11, 461.	2.2	8
40	The Histone H3K27me3 Demethylases KDM6A/B Resist Anoikis and Transcriptionally Regulate Stemness-Related Genes. Frontiers in Cell and Developmental Biology, 2022, 10, 780176.	1.8	6
41	Drier Climatic Conditions Increase Withanolide Content of Withania coagulans Enhancing Its Inhibitory Potential Against Human Prostate Cancer Cells. Applied Biochemistry and Biotechnology, 2019, 188, 460-480.	1.4	5
42	Identification of novel cardiovascular disease associated metabolites using untargeted metabolomics. Biological Chemistry, 2021, 402, 749-757.	1.2	5
43	Epigenetic regulation of RNA sensors: Sentinels of immune response. Seminars in Cancer Biology, 2022, 83, 413-421.	4.3	4
44	Studies on the recombinant production and anticancer activity of thermostable L- asparaginase I from Pyrococcus abyssi. Brazilian Journal of Biology, 2021, 82, e244735.	0.4	4
45	A Study on the Effect of Vitamins A and C to Modulate the Expression of NKG2D Ligands in Hepatic and Colon Cancer Cells. Nutrition and Cancer, 2020, , 1-12.	0.9	3
46	Molecular profiling of epigenetic landscape of cancer cells during extracellular matrix detachment. Scientific Reports, 2021, 11, 2784.	1.6	3
47	Upregulation of circular and linear METTL3 and USP3 in colorectal cancer. Oncology Letters, 2021, 22, 675.	0.8	3
48	Untargeted Metabolomics Showed Accumulation of One-Carbon Metabolites to Facilitate DNA Methylation during Extracellular Matrix Detachment of Cancer Cells. Metabolites, 2022, 12, 267.	1.3	3
49	Profiling the Effect of Targeting Wild Isocitrate Dehydrogenase 1 (IDH1) on the Cellular Metabolome of Leukemic Cells. International Journal of Molecular Sciences, 2022, 23, 6653.	1.8	2
50	The Utilization of Urolithin Aâ€"A Natural Polyphenol Metabolite of Ellagitannins as a Modulator of the Gut Microbiota for Its Potential Use in Obesity Therapy. Proceedings (mdpi), 2021, 79, 12.	0.2	1