

Mohammad Imran Khan

List of Publications by Year in descending order

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Version: 2024-02-01

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	Epigenetic regulation of RNA sensors: Sentinels of immune response. <i>Seminars in Cancer Biology</i> , 2022, 83, 413-421.	4.3	4
2	The Histone H3K27me3 Demethylases KDM6A/B Resist Anoikis and Transcriptionally Regulate Stemness-Related Genes. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 780176.	1.8	6
3	Venetoclax-Resistant MV4-11 Leukemic Cells Activate PI3K/AKT Pathway for Metabolic Reprogramming and Redox Adaptation for Survival. <i>Antioxidants</i> , 2022, 11, 461.	2.2	8
4	Untargeted Metabolomics Showed Accumulation of One-Carbon Metabolites to Facilitate DNA Methylation during Extracellular Matrix Detachment of Cancer Cells. <i>Metabolites</i> , 2022, 12, 267.	1.3	3
5	Exosome-Mediated Response to Cancer Therapy: Modulation of Epigenetic Machinery. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6222.	1.8	10
6	Profiling the Effect of Targeting Wild Isocitrate Dehydrogenase 1 (IDH1) on the Cellular Metabolome of Leukemic Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6653.	1.8	2
7	The Therapeutic Potential of Milk Extracellular Vesicles on Colorectal Cancer. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6812.	1.8	20
8	Nutritive vitamins as epidrugs. <i>Critical Reviews in Food Science and Nutrition</i> , 2021, 61, 1-13.	5.4	66
9	Prospective of nanoscale metal organic frameworks [NMOFs] for cancer therapy. <i>Seminars in Cancer Biology</i> , 2021, 69, 129-139.	4.3	27
10	Identification of novel cardiovascular disease associated metabolites using untargeted metabolomics. <i>Biological Chemistry</i> , 2021, 402, 749-757.	1.2	5
11	Effects of urolithins on obesity-associated gut dysbiosis in rats fed on a high-fat diet. <i>International Journal of Food Sciences and Nutrition</i> , 2021, 72, 923-934.	1.3	14
12	Molecular profiling of epigenetic landscape of cancer cells during extracellular matrix detachment. <i>Scientific Reports</i> , 2021, 11, 2784.	1.6	3
13	Compound C, a Broad Kinase Inhibitor Alters Metabolic Fingerprinting of Extra Cellular Matrix Detached Cancer Cells. <i>Frontiers in Oncology</i> , 2021, 11, 612778.	1.3	13
14	Structural insights of human N-acetyltransferase 10 and identification of its potential novel inhibitors. <i>Scientific Reports</i> , 2021, 11, 6051.	1.6	17
15	Effects of Methanolic Extract Based-Gel From Saudi Pomegranate Peels With Enhanced Healing Potential on Excision Wounds in Diabetic Rats. <i>Frontiers in Pharmacology</i> , 2021, 12, 704503.	1.6	14
16	Urolithin A and B Alter Cellular Metabolism and Induce Metabolites Associated with Apoptosis in Leukemic Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5465.	1.8	14
17	Urolithins: The Gut Based Polyphenol Metabolites of Ellagitannins in Cancer Prevention, a Review. <i>Frontiers in Nutrition</i> , 2021, 8, 647582.	1.6	57
18	Upregulation of circular and linear METTL3 and USP3 in colorectal cancer. <i>Oncology Letters</i> , 2021, 22, 675.	0.8	3

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19	Untargeted Metabolic Profiling of Extracellular Vesicles of SARS-CoV-2-Infected Patients Shows Presence of Potent Anti-Inflammatory Metabolites. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10467.	1.8	16
20	Studies on the recombinant production and anticancer activity of thermostable L- asparaginase I from <i>Pyrococcus abyssi</i> . <i>Brazilian Journal of Biology</i> , 2021, 82, e244735.	0.4	4
21	Remodelin, a N-acetyltransferase 10 (NAT10) inhibitor, alters mitochondrial lipid metabolism in cancer cells. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 1936-1945.	1.2	19
22	Comparative Analysis of the Impact of Urolithins on the Composition of the Gut Microbiota in Normal-Diet Fed Rats. <i>Nutrients</i> , 2021, 13, 3885.	1.7	10
23	The Utilization of Urolithin A—A Natural Polyphenol Metabolite of Ellagitannins as a Modulator of the Gut Microbiota for Its Potential Use in Obesity Therapy. <i>Proceedings (mdpi)</i> , 2021, 79, 12.	0.2	1
24	Development of (α)-epigallocatechin-3-gallate-loaded folate receptor-targeted nanoparticles for prostate cancer treatment. <i>Nanotechnology Reviews</i> , 2021, 11, 298-311.	2.6	31
25	Association of autoimmunity and cancer: An emphasis on proteolytic enzymes. <i>Seminars in Cancer Biology</i> , 2020, 64, 19-28.	4.3	13
26	Exome sequencing and metabolomic analysis of a chronic kidney disease and hearing loss patient family revealed RMND1 mutation induced sphingolipid metabolism defects. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 324-334.	1.8	13
27	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
28	A Study on the Effect of Vitamins A and C to Modulate the Expression of NKG2D Ligands in Hepatic and Colon Cancer Cells. <i>Nutrition and Cancer</i> , 2020, , 1-12.	0.9	3
29	Untargeted Metabolomics Identifies Key Metabolic Pathways Altered by Thymoquinone in Leukemic Cancer Cells. <i>Nutrients</i> , 2020, 12, 1792.	1.7	17
30	Nanoencapsulated dietary polyphenols for cancer prevention and treatment: successes and challenges. <i>Nanomedicine</i> , 2020, 15, 1147-1162.	1.7	43
31	Integration of Transcriptome and Metabolome Provides Unique Insights to Pathways Associated With Obese Breast Cancer Patients. <i>Frontiers in Oncology</i> , 2020, 10, 804.	1.3	36
32	Hepatic stearyl CoA desaturase 1 deficiency increases glucose uptake in adipose tissue partially through the PGC-1α-FGF21 axis in mice. <i>Journal of Biological Chemistry</i> , 2019, 294, 19475-19485.	1.6	24
33	Hepatic Stearyl-CoA desaturase-1 deficiency-mediated activation of mTORC1- PGC-1α axis regulates ER stress during high-carbohydrate feeding. <i>Scientific Reports</i> , 2019, 9, 15761.	1.6	22
34	AKT Inhibition Modulates H3K4 Demethylase Levels in PTEN-Null Prostate Cancer. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 356-363.	1.9	11
35	Pro proliferative function of adaptor protein GRB10 in prostate carcinoma. <i>FASEB Journal</i> , 2019, 33, 3198-3211.	0.2	13
36	Drier Climatic Conditions Increase Withanolide Content of <i>Withania coagulans</i> Enhancing Its Inhibitory Potential Against Human Prostate Cancer Cells. <i>Applied Biochemistry and Biotechnology</i> , 2019, 188, 460-480.	1.4	5

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37	Hypoxia driven glycation: Mechanisms and therapeutic opportunities. <i>Seminars in Cancer Biology</i> , 2018, 49, 75-82.	4.3	37
38	Targeting epigenome with dietary nutrients in cancer: Current advances and future challenges. <i>Pharmacological Research</i> , 2018, 129, 375-387.	3.1	21
39	Mutagenic, antioxidant and wound healing properties of Aloe vera. <i>Journal of Ethnopharmacology</i> , 2018, 227, 191-197.	2.0	39
40	Sestrin-3 modulation is essential for therapeutic efficacy of cucurbitacin B in lung cancer cells. <i>Carcinogenesis</i> , 2017, 38, bgw124.	1.3	19
41	Exploring the molecular targets of dietary flavonoid fisetin in cancer. <i>Seminars in Cancer Biology</i> , 2016, 40-41, 130-140.	4.3	60
42	Dietary flavonoid fisetin increases abundance of high-molecular-mass hyaluronan conferring resistance to prostate oncogenesis. <i>Carcinogenesis</i> , 2016, 37, 918-928.	1.3	15
43	The pentacyclic triterpenoid, plectranthoic acid, a novel activator of AMPK induces apoptotic death in prostate cancer cells. <i>Oncotarget</i> , 2016, 7, 3819-3831.	0.8	43
44	Dietary Polyphenols in Prevention and Treatment of Prostate Cancer. <i>International Journal of Molecular Sciences</i> , 2015, 16, 3350-3376.	1.8	159
45	Role of Epithelial Mesenchymal Transition in Prostate Tumorigenesis. <i>Current Pharmaceutical Design</i> , 2015, 21, 1240-1248.	0.9	46
46	YB-1 expression promotes epithelial-to-mesenchymal transition in prostate cancer that is inhibited by a small molecule fisetin. <i>Oncotarget</i> , 2014, 5, 2462-2474.	0.8	96
47	Fisetin inhibits human melanoma cell growth through direct binding to p70S6K and mTOR: Findings from 3-D melanoma skin equivalents and computational modeling. <i>Biochemical Pharmacology</i> , 2014, 89, 349-360.	2.0	53
48	Excellent anti-proliferative and pro-apoptotic effects of (âˆ“)epigallocatechin-3-gallate encapsulated in chitosan nanoparticles on human melanoma cell growth both in vitro and in vivo. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, 1619-1626.	1.7	131
49	MicroRNAs in Skin Response to UV Radiation. <i>Current Drug Targets</i> , 2013, 14, 1128-1134.	1.0	68
50	Inhibition of Akt/mTOR Signaling by the Dietary Flavonoid Fisetin. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2013, 13, 995-1001.	0.9	95