

# Md Asaduzzaman Khan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1365574/publications.pdf>

Version: 2024-02-01

109  
papers

3,799  
citations

201674

27  
h-index

138484

58  
g-index

111  
all docs

111  
docs citations

111  
times ranked

5533  
citing authors

#	ARTICLE	IF	CITATIONS
1	Knowledge, attitudes, and preventive practices toward the COVID-19 pandemic: an online survey among Bangladeshi residents. <i>Zeitschrift Fur Gesundheitswissenschaften</i> , 2023, 31, 1121-1135.	1.6	10
2	Gold Nanoparticles in Triple-Negative Breast Cancer Therapeutics. <i>Current Medicinal Chemistry</i> , 2023, 30, 316-334.	2.4	9
3	Anti-oxidant and Anticancerous Effect of <i>Fomitopsis officinalis</i> (Vill. ex Fr. Bond. et Sing) Mushroom on Hepatocellular Carcinoma Cells In Vitro through NF- $\kappa$ B Pathway. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 1561-1570.	1.7	5
4	Synergistic Role of Thymoquinone on Anticancer Activity of 5-Fluorouracil in Triple Negative Breast Cancer Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 1111-1118.	1.7	9
5	LPS/TLR4 Pathways in Breast Cancer: Insights into Cell Signalling. <i>Current Medicinal Chemistry</i> , 2022, 29, 2274-2289.	2.4	16
6	Gallic Acid: A Dietary Polyphenol that Exhibits Anti-neoplastic Activities by Modulating Multiple Oncogenic Targets. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2022, 22, 499-514.	1.7	21
7	Molecular mechanism of inhibitory effects of melatonin on prostate cancer cell proliferation, migration and invasion. <i>PLoS ONE</i> , 2022, 17, e0261341.	2.5	7
8	Editorial: Molecular Targeted Therapy in Oncology: Lessons From Pharmacogenetics and Pharmacoepigenetics. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 822188.	3.5	0
9	A review on the genetic polymorphisms and susceptibility of cancer patients in Bangladesh. <i>Molecular Biology Reports</i> , 2022, , 1.	2.3	3
10	Stem Cell Transplantation in the Treatment of Type 1 Diabetes Mellitus: From Insulin Replacement to Beta-Cell Replacement. <i>Frontiers in Endocrinology</i> , 2022, 13, 859638.	3.5	17
11	Thymoquinone upregulates IL17RD in controlling the growth and metastasis of triple negative breast cancer cells in vitro. <i>BMC Cancer</i> , 2022, 22, .	2.6	4
12	Acute cigarette smoke exposure induces oxidative damage and inflammation in Wistar rats: impact on lungs and erythrocytes. <i>African Journal of Biological Sciences</i> , 2021, 3, 120-128.	0.2	1
13	Biological Role of AKT and Regulation of AKT Signaling Pathway by Thymoquinone: Perspectives in Cancer Therapeutics. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021, 21, 288-301.	2.4	12
14	Thymoquinone in autoimmune diseases: Therapeutic potential and molecular mechanisms. <i>Biomedicine and Pharmacotherapy</i> , 2021, 134, 111157.	5.6	17
15	Viral Diseases and Natural Products: Prospects in COVID-19 Treatment (Part II). <i>Current Pharmaceutical Design</i> , 2021, 27, 1121-1122.	1.9	1
16	Viral Diseases and Natural Products: Prospects in COVID-19 Treatment (Part IV). <i>Current Pharmaceutical Design</i> , 2021, 27, 3501-3501.	1.9	0
17	Viral Diseases and Natural Products: Prospects in COVID-19 Treatment (Part III). <i>Current Pharmaceutical Design</i> , 2021, 27, 3423-3423.	1.9	0
18	Anti-oxidant and Antiproliferative Activities of Mongolian Medicinal Plant Extracts and Structure Isolation of Gnetin-H Compound. <i>Medicinal Chemistry</i> , 2021, 17, 963-973.	1.5	5

#	ARTICLE	IF	CITATIONS
19	Molecular mechanisms underlying chemopreventive potential of butein: Current trends and future perspectives. <i>Chemico-Biological Interactions</i> , 2021, 350, 109699.	4.0	16
20	Black Cumin in Fighting with Coronaviruses. <i>The Open Covid Journal</i> , 2021, 1, 189-190.	0.2	0
21	Targeting Cellular Signalling Pathways in Cancer by Natural Compounds. <i>Current Medicinal Chemistry</i> , 2021, 28, 7986-7987.	2.4	0
22	Thymoquinone against infectious diseases: Perspectives in recent pandemics and future therapeutics. <i>Iranian Journal of Basic Medical Sciences</i> , 2021, 24, 1014-1022.	1.0	1
23	Identification of a novel germline BRCA2 variant in a Chinese breast cancer family. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 1676-1683.	3.6	19
24	Assessing 23 Y-STR loci mutation rates in Chinese Han father-son pairs from southwestern China. <i>Molecular Biology Reports</i> , 2020, 47, 7755-7760.	2.3	13
25	Targeting kinases with thymoquinone: a molecular approach to cancer therapeutics. <i>Drug Discovery Today</i> , 2020, 25, 2294-2306.	6.4	22
26	SCAR marker for identification and discrimination of specific medicinal <i>Lycium chinense</i> Miller from <i>Lycium</i> species from ramp-PCR RAPD fragments. <i>3 Biotech</i> , 2020, 10, 334.	2.2	13
27	Molecular mechanisms of action of hesperidin in cancer: Recent trends and advancements. <i>Experimental Biology and Medicine</i> , 2020, 245, 486-497.	2.4	115
28	Targeted Next-Generation Sequencing Identified Novel Compound Heterozygous Variants in the CDH23 Gene Causing Usher Syndrome Type ID in a Chinese Patient. <i>Frontiers in Genetics</i> , 2020, 11, 422.	2.3	13
29	Genetic authentication of <i>Eclipta prostrata</i> (Asteraceae) from <i>Penthorum chinense</i> (Penthoraceae) by Sequence Characterized Amplified Region (SCAR) markers. <i>Revista De Biologia Tropical</i> , 2020, 68, .	0.4	4
30	Cordycepin in Anticancer Research: Molecular Mechanism of Therapeutic Effects. <i>Current Medicinal Chemistry</i> , 2020, 27, 983-996.	2.4	35
31	Targeting Inflammatory Mediators: An Anticancer Mechanism of Thymoquinone Action. <i>Current Medicinal Chemistry</i> , 2020, 28, 80-92.	2.4	16
32	Current Landscape of Natural Products against Coronaviruses: Perspectives in COVID-19 Treatment and Anti-viral Mechanism. <i>Current Pharmaceutical Design</i> , 2020, 26, 5241-5260.	1.9	8
33	Novel compound heterozygous nonsense variants, p.L150* and p.Y3565*, of the USH2A gene in a Chinese pedigree are associated with Usher syndrome type 2B. <i>Molecular Medicine Reports</i> , 2020, 22, 3464-3472.	2.4	3
34	Viral Diseases and Natural Products: Prospects in COVID-19 Treatment (Part-I). <i>Current Pharmaceutical Design</i> , 2020, 26, 5221-5223.	1.9	1
35	Major drugs used in COVID-19 treatment: molecular mechanisms, validation and current progress in trials. <i>Coronaviruses</i> , 2020, 01, .	0.3	1
36	Apoptotic Cell Death: Important Cellular Process as Chemotherapeutic Target. , 2020, , 65-88.		1

#	ARTICLE	IF	CITATIONS
37	Epigenetics in Triple-Negative Breast Cancer. , 2020, , 71-105.		0
38	Role of Reactive Oxygen Species in Cancer Progression: Molecular Mechanisms and Recent Advancements. <i>Biomolecules</i> , 2019, 9, 735.	4.0	759
39	Identification of an IKK $\beta$ inhibitor for inhibition of inflammation in vivo and in vitro. <i>Pharmacological Research</i> , 2019, 149, 104440.	7.1	14
40	Epigenetic role of thymoquinone: impact on cellular mechanism and cancer therapeutics. <i>Drug Discovery Today</i> , 2019, 24, 2315-2322.	6.4	51
41	Characterization and molecular cloning of novel isoforms of human spermatogenesis associated gene SPATA3. <i>Molecular Biology Reports</i> , 2019, 46, 3827-3834.	2.3	5
42	Targeting the signalling pathways regulated by deubiquitinases for prostate cancer therapeutics. <i>Cell Biochemistry and Function</i> , 2019, 37, 304-319.	2.9	10
43	A novel splicing mutation in the <i>PRPH2</i> gene causes autosomal dominant retinitis pigmentosa in a Chinese pedigree. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 3776-3780.	3.6	18
44	Novel splicing variant c. 208+2>C in BBS5 segregates with Bardet-Biedl syndrome in an Iranian family by targeted exome sequencing. <i>Bioscience Reports</i> , 2019, 39, .	2.4	10
45	Abstract 3834: Epigenetic modification of oncogenes or tumor suppressor genes by thymoquinone in triple negative breast cancer. , 2019, , .		1
46	Cordycepin Downregulates Cdk-2 to Interfere with Cell Cycle and Increases Apoptosis by Generating ROS in Cervical Cancer Cells: in vitro and in silico Study. <i>Current Cancer Drug Targets</i> , 2019, 19, 152-159.	1.6	19
47	Evaluation of amplification refractory mutation system (ARMS) technique for quick and accurate prenatal gene diagnosis of <math>CHM</math> variant in choroïderemia. <i>The Application of Clinical Genetics</i> , 2018, Volume 11, 1-8.	3.0	8
48	Potential risk of weed outbreak by increasing biochar's application rates in slow-growth legume, lentil ( <i>Lens culinaris</i> Medik.). <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 2080-2088.	3.5	27
49	Optimal phosphotungstate concentration for polypyrrole linear actuation and energy storage. <i>Multifunctional Materials</i> , 2018, 1, 014003.	3.7	9
50	Actuation increase in polypyrrole bilayer by photo-activated dopants. <i>Synthetic Metals</i> , 2018, 246, 57-63.	3.9	2
51	Genetic identification and molecular modeling characterization reveal a novel <i>PROM1</i> mutation in Stargardt4-like macular dystrophy. <i>Oncotarget</i> , 2018, 9, 122-141.	1.8	32
52	Abstract 2039: Cordycepin inhibits breast cancer migration and invasion by targeting epithelial to mesenchymal transition-inducing transcription factors (EMT-TFs). <i>Cancer Research</i> , 2018, 78, 2039-2039.	0.9	1
53	Evaluation of PIK3CA mutations as a biomarker in Chinese breast carcinomas from Western China. <i>Cancer Biomarkers</i> , 2017, 19, 85-92.	1.7	12
54	Genetic analysis of <i>Penthorum chinense</i> Pursh by improved RAPD and ISSR in China. <i>Electronic Journal of Biotechnology</i> , 2017, 30, 6-11.	2.2	10

#	ARTICLE	IF	CITATIONS
55	Thymoquinone Inhibits the Migration and Invasive Characteristics of Cervical Cancer Cells SiHa and CaSki In Vitro by Targeting Epithelial to Mesenchymal Transition Associated Transcription Factors Twist1 and Zeb1. <i>Molecules</i> , 2017, 22, 2105.	3.8	55
56	Thymoquinone, as an anticancer molecule: from basic research to clinical investigation. <i>Oncotarget</i> , 2017, 8, 51907-51919.	1.8	165
57	Short Communication: Rapid and accurate genetic authentication of <i>Penthorum chinense</i> by improved RAPD-derived species-specific SCAR markers. <i>Biodiversitas</i> , 2017, 18, 1243-1249.	0.6	4
58	MicroRNA-34a targets epithelial to mesenchymal transition-inducing transcription factors (EMT-TFs) and inhibits breast cancer cell migration and invasion. <i>Oncotarget</i> , 2017, 8, 21362-21379.	1.8	97
59	An improved DNA marker technique for genetic characterization using RAMP-PCR with high-GC primers. <i>Genetics and Molecular Research</i> , 2016, 15, .	0.2	4
60	Tripartite motif containing 28 (TRIM28) promotes breast cancer metastasis by stabilizing TWIST1 protein. <i>Scientific Reports</i> , 2016, 6, 29822.	3.3	50
61	Development of two novel specific SCAR markers by cloning improved RAPD fragments from the medicinal mushroom <i>Ganoderma lucidum</i> (Leysser: Fr) Karst. <i>Genetics and Molecular Research</i> , 2016, 15, .	0.2	4
62	Establishment of stable cell line for inducing KAP1 protein expression. <i>Acta Biologica Hungarica</i> , 2015, 66, 161-168.	0.7	1
63	Development of RAPD-SCAR markers for different <i>Ganoderma</i> species authentication by improved RAPD amplification and molecular cloning. <i>Genetics and Molecular Research</i> , 2015, 14, 5667-5676.	0.2	20
64	Thymoquinone inhibits cancer metastasis by downregulating TWIST1 expression to reduce epithelial to mesenchymal transition. <i>Oncotarget</i> , 2015, 6, 19580-19591.	1.8	118
65	Relationship between SPOP mutation and breast cancer in Chinese population. <i>Genetics and Molecular Research</i> , 2015, 14, 12362-12366.	0.2	4
66	Identification of a Novel Heterozygous Missense Mutation in the <i>CACNA1F</i> Gene in a Chinese Family with Retinitis Pigmentosa by Next Generation Sequencing. <i>BioMed Research International</i> , 2015, 2015, 1-7.	1.9	12
67	Development of SCAR Markers Based on Improved RAPD Amplification Fragments and Molecular Cloning for Authentication of Herbal Medicines <i>Angelica sinensis</i> , <i>Angelica acutiloba</i> and <i>Levisticum officinale</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501001.	0.5	7
68	Efficiency of improved RAPD and ISSR markers in assessing genetic diversity and relationships in <i>Angelica sinensis</i> (Oliv.) Diels varieties of China. <i>Electronic Journal of Biotechnology</i> , 2015, 18, 96-102.	2.2	27
69	Development and significance of RAPD-SCAR markers for the identification of <i>Litchi chinensis</i> Sonn. by improved RAPD amplification and molecular cloning. <i>Electronic Journal of Biotechnology</i> , 2015, 18, 35-39.	2.2	35
70	Genetic analysis of litchi ( <i>Litchi chinensis</i> Sonn.) in southern China by improved random amplified polymorphic DNA (RAPD) and inter-simple sequence repeat (ISSR). <i>Molecular Biology Reports</i> , 2015, 42, 159-166.	2.3	25
71	Establishment and rapid detection of a heterozygous missense mutation in the <i>CACNA1F</i> gene by ARMS technique with double-base mismatched primers. <i>Genetics and Molecular Research</i> , 2015, 14, 11480-11487.	0.2	1
72	Abstract 1978: Relationship between transcription factor TWIST1 and microRNA34a in metastatic cancer cells. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
73	A review on <i>Ipomoea carnea</i> : pharmacology, toxicology and phytochemistry. Journal of Complementary and Integrative Medicine, 2014, 11, 55-62.	0.9	14
74	Recent advances in animal model experimentation in autism research. Acta Neuropsychiatrica, 2014, 26, 264-271.	2.1	12
75	DNA fingerprints of living fossil <i>Ginkgo biloba</i> by using ISSR and improved RAPD analysis. Biochemical Systematics and Ecology, 2014, 57, 332-337.	1.3	9
76	Epithelial to mesenchymal transition inducing transcription factors and metastatic cancer. Tumor Biology, 2014, 35, 7335-7342.	1.8	225
77	Genotyping of <i>Ganoderma</i> species by improved random amplified polymorphic DNA (RAPD) and inter-simple sequence repeat (ISSR) analysis. Biochemical Systematics and Ecology, 2014, 56, 40-48.	1.3	15
78	Abstract 5009: Thymoquinone downregulates n-cadherin, twist and snail expression and inhibits migration and invasion in cancer cells. , 2014, , .		2
79	Development of RAPD-SCAR markers for <i>Lonicera japonica</i> Thunb. (Caprifoliaceae) variety authentication by improved RAPD and DNA cloning. Revista De Biología Tropical, 2014, 62, 1649.	0.4	22
80	Polymorphisms of DNA repair genes XPD, XRCC1, and OGG1, and lung adenocarcinoma susceptibility in Chinese population. Tumor Biology, 2013, 34, 2843-2848.	1.8	23
81	Defective antioxidant systems in cervical cancer. Tumor Biology, 2013, 34, 2003-2009.	1.8	19
82	Anti-cancer potential of South Asian plants. Natural Products and Bioprospecting, 2013, 3, 74-88.	4.3	24
83	Twist: a molecular target in cancer therapeutics. Tumor Biology, 2013, 34, 2497-2506.	1.8	171
84	CYP2A6, CYP1A1, and CYP2D6 polymorphisms in lung cancer patients from Central South China. Medical Oncology, 2013, 30, 521.	2.5	6
85	Regulatory Effects of Resveratrol on Antioxidant Enzymes: a Mechanism of Growth Inhibition and Apoptosis Induction in Cancer Cells. Molecules and Cells, 2013, 35, 219-225.	2.6	104
86	Genetic characterization and authentication of <i>Lonicera japonica</i> Thunb. by using improved RAPD analysis. Molecular Biology Reports, 2013, 40, 5993-5999.	2.3	43
87	Molecular cloning and development of RAPD-SCAR markers for <i>Dimocarpus longan</i> variety authentication. SpringerPlus, 2013, 2, 501.	1.2	47
88	<i>Hericium erinaceus</i> : an edible mushroom with medicinal values. Journal of Complementary and Integrative Medicine, 2013, 10, .	0.9	101
89	ISG15 Inhibits IFN- $\gamma$ -Resistant Liver Cancer Cell Growth. BioMed Research International, 2013, 2013, 1-8.	1.9	17
90	Antioxidative potential of <i>Duranta repens</i> (linn.) fruits against H <sub>2</sub> O <sub>2</sub> induced cell death <i>in vitro</i> . Tropical Journal of Obstetrics and Gynaecology, 2013, 10, .	0.3	4

#	ARTICLE	IF	CITATIONS
91	Nutritional and Medicinal Importance of <i>Pleurotus</i> Mushrooms: An Overview. Food Reviews International, 2012, 28, 313-329.	8.4	113
92	Popular molecular markers in bacteria. Molecular Genetics, Microbiology and Virology, 2012, 27, 103-107.	0.3	43
93	Abstract 1997: Resveratrol modifies the activity and expression of antioxidant enzymes in somatic cancer cells. , 2012, , .		0
94	Effects of different levels of wheat bran, rice bran and maize powder supplementation with saw dust on the production of shiitake mushroom ( <i>Lentinus edodes</i> (Berk.) Singer). Saudi Journal of Biological Sciences, 2011, 18, 323-328.	3.8	42
95	Genetic polymorphisms of metabolic enzymes CYP1A1, CYP2D6, GSTM1, and GSTT1, and gastric carcinoma susceptibility. Tumor Biology, 2011, 32, 215-222.	1.8	37
96	Genetic mutations of p53 and k-ras in gastric carcinoma patients from Hunan, China. Tumor Biology, 2011, 32, 367-373.	1.8	10
97	Identification of heptapeptides interacting with IFN- $\gamma$ -sensitive CML cells. Expert Opinion on Investigational Drugs, 2011, 20, 1583-1589.	4.1	2
98	<i>Pleurotus sajor-caju</i> and <i>Pleurotus florida</i> Mushrooms Improve Some Extent of the Antioxidant Systems in the Liver of Hypercholesterolemic Rats. The Open Nutraceuticals Journal, 2011, 4, 20-24.	0.2	12
99	Anticancer Activities of <i>Nigella sativa</i> (Black Cumin). Tropical Journal of Obstetrics and Gynaecology, 2011, 8, 226-32.	0.3	122
100	Antioxidant enzymes and cancer. Chinese Journal of Cancer Research: Official Journal of China Anti-Cancer Association, Beijing Institute for Cancer Research, 2010, 22, 87-92.	2.2	139
101	Cultivation of different strains of king oyster mushroom ( <i>Pleurotus eryngii</i> ) on saw dust and rice straw in Bangladesh. Saudi Journal of Biological Sciences, 2010, 17, 341-345.	3.8	67
102	Association of Lipid Metabolism with Ovarian Cancer. Current Oncology, 2010, 17, 6-11.	2.2	70
103	Production of Oyster Mushrooms in Different Seasonal Conditions of Bangladesh. Journal of Scientific Research, 2010, 3, 161.	0.3	20
104	Autotaxin: A protein with two faces. Biochemical and Biophysical Research Communications, 2010, 401, 493-497.	2.1	24
105	Cordyceps Mushroom: A Potent Anticancer Nutraceutical. The Open Nutraceuticals Journal, 2010, 3, 179-183.	0.2	26
106	Comparative Effects of Oyster Mushrooms on Lipid Profile, Liver and Kidney Function in Hypercholesterolemic Rats. Mycobiology, 2009, 37, 37.	1.7	46
107	Nutritional Analysis of Cultivated Mushrooms in Bangladesh - <i>Pleurotus ostreatus</i> , <i>Pleurotus sajor-caju</i> , <i>Pleurotus florida</i> and <i>Calocybe indica</i> . Mycobiology, 2008, 36, 228.	1.7	121
108	Analysis of genetic diversity and similarities between different Lycium varieties based on ISSR analysis and RAMP-PCR markers. World Academy of Sciences Journal, 0, , .	0.6	5

#	ARTICLE	IF	CITATIONS
109	Production of cellulase by <i>Pleurotus ostreatus</i> and <i>Pleurotus sajor-caju</i> in solid state fermentation of lignocellulosic biomass. <i>Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry</i> , 0, , .	2.1	4