

Sajjad Karim

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

1,546
citations

361045

20
h-index

344852

36
g-index

80
all docs

80
docs citations

80
times ranked

2878
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of "Biosearch System" for biobank management and storage of disease associated genetic information. <i>Journal of King Saud University - Science</i> , 2022, 34, 101760.	1.6	2
2	Meta-analysis of whole-genome gene expression datasets assessing the effects of IDH1 and IDH2 mutations in isogenic disease models. <i>Scientific Reports</i> , 2022, 12, 57.	1.6	3
3	Elucidating Antiangiogenic Potential of <i>Rauwolfia serpentina</i> : VEGFR-2 Targeting-Based Molecular Docking Study. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-10.	0.5	14
4	Identification of Potential Poly (ADP-Ribose) Polymerase-1 Inhibitors Derived from <i>Rauwolfia serpentina</i> : Possible Implication in Cancer Therapy. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-9.	0.5	12
5	Two Novel Homozygous HPS6 Mutations (Double Mutant) Identified by Whole-Exome Sequencing in a Saudi Consanguineous Family Suspected for Oculocutaneous Albinism. <i>Life</i> , 2022, 12, 14.	1.1	2
6	Investigation of the Molecular Mechanisms Underlying the Antiatherogenic Actions of Kaempferol in Human THP-1 Macrophages. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7461.	1.8	5
7	Nanoparticles-based drug delivery and gene therapy for breast cancer: Recent advancements and future challenges. <i>Seminars in Cancer Biology</i> , 2021, 69, 226-237.	4.3	96
8	Overexpression of CXCL8 gene in Saudi colon cancer patients. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 6045-6049.	1.8	11
9	Mutational spectrum of BRAF gene in colorectal cancer patients in Saudi Arabia. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 5906-5912.	1.8	8
10	Discovery of a novel and a rare Kristen rat sarcoma viral oncogene homolog (KRAS) gene mutation in colorectal cancer patients. <i>Bioengineered</i> , 2021, 12, 5099-5109.	1.4	2
11	Alterations of transcriptome expression, cell cycle, and mitochondrial superoxide reveal foetal endothelial dysfunction in Saudi women with gestational diabetes mellitus. <i>Endocrine Journal</i> , 2021, 68, 1067-1079.	0.7	4
12	Integrated Genomic Analysis Identifies ANKRD36 Gene as a Novel and Common Biomarker of Disease Progression in Chronic Myeloid Leukemia. <i>Biology</i> , 2021, 10, 1182.	1.3	5
13	Array comparative genomic hybridization based identification of key genetic alterations at 2p21-p16.3 (MSH2, MSH6, EPCAM), 3p23-p14.2 (MLH1), 7p22.1 (PMS2) and 1p34.1-p33 (MUTYH) regions in hereditary non polyposis colorectal cancer (Lynch syndrome) in the Kingdom of Saudi Arabia. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 157-162.	1.8	4
14	Genetic relationship between Hashimoto's thyroiditis and papillary thyroid carcinoma with coexisting Hashimoto's thyroiditis. <i>PLoS ONE</i> , 2020, 15, e0234566.	1.1	24
15	Discovery and Protein Modeling Studies of Novel Compound Mutations Causing Resistance to Multiple Tyrosine Kinase Inhibitors in Chronic Myeloid Leukemia. <i>Asian Pacific Journal of Cancer Prevention</i> , 2020, 21, 3517-3526.	0.5	0
16	Next-Generation Sequencing Identifies a Previously Uncharacterized Gene ANKRD36 As a Common Biomarker for Blast Crisis Chronic Myeloid Leukemia: Molecular and Protein Bio-Modeling Studies. <i>Blood</i> , 2020, 136, 32-33.	0.6	0
17	Molecular analysis of V617F mutation in Janus kinase 2 gene of breast cancer patients. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1123-1128.	1.8	3
18	Physical and chemical mutagens improved <i>Sporotrichum thermophile</i> , strain ST20 for enhanced Phytase activity. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1485-1491.	1.8	3

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19	Advancements in CRISPR/Cas9 technologyâ€”Focusing on cancer therapeutics and beyond. <i>Seminars in Cell and Developmental Biology</i> , 2019, 96, 13-21.	2.3	19
20	A comparative study of bacterial diversity based on culturable and culture-independent techniques in the rhizosphere of maize (<i>Zea mays</i> L.). <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1344-1351.	1.8	23
21	Isolation, characterization, and effect of phosphate-zinc-solubilizing bacterial strains on chickpea (<i>Cicer arietinum</i> L.) growth. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 1061-1067.	1.8	79
22	WYE-354 restores Adriamycin sensitivity in multidrug-resistant acute myeloid leukemia cell lines. <i>Oncology Reports</i> , 2019, 41, 3179-3188.	1.2	6
23	Implications of advanced oxidation protein products (AOPPs), advanced glycation end products (AGEs) and other biomarkers in the development of cardiovascular diseases. <i>Saudi Journal of Biological Sciences</i> , 2019, 26, 334-339.	1.8	19
24	A novel homozygous nonsense mutation in <i>CCDC88A</i> gene cause PEHO-like syndrome in consanguineous Saudi family. <i>Neurological Sciences</i> , 2019, 40, 299-303.	0.9	10
25	Assessment of Circulating Biochemical Markers in Mice Receiving Cinnamon and Glycyrrhizin Under Carbon Tetrachloride Induced Hepatic Injury. <i>Proceedings of the National Academy of Sciences India Section B - Biological Sciences</i> , 2019, 89, 105-111.	0.4	3
26	Gene mapping and molecular analysis of hereditary non-polyposis colorectal cancer (Lynch Syndrome) using systems biological approaches. <i>Bioinformatics</i> , 2019, 15, 269-276.	0.2	2
27	Role of Overexpressed Transcription Factor FOXO1 in Fatal Cardiovascular Septal Defects in Patau Syndrome: Molecular and Therapeutic Strategies. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3547.	1.8	13
28	Role of diagnostic factors associated with antioxidative status and expression of matrix metalloproteinases (MMPs) in patients with cancer therapy induced ocular disorders. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 1724-1728.	1.8	5
29	Chromosomal Micro-aberration in a Saudi Family with Juvenile Myoclonic Epilepsy. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018, 16, 1010-1017.	0.8	7
30	Genomic amplification of chromosome 7 in the Doxorubicin resistant K562 cell line. <i>Bioinformatics</i> , 2018, 14, 587-593.	0.2	3
31	Genomic answers for recurrent spontaneous abortion in Saudi Arabia: An array comparative genomic hybridization approach. <i>Reproductive Biology</i> , 2017, 17, 133-143.	0.9	17
32	Comprehensive molecular biomarker identification in breast cancer brain metastases. <i>Journal of Translational Medicine</i> , 2017, 15, 269.	1.8	80
33	Assessment of Radiation Induced Therapeutic Effect and Cytotoxicity in Cancer Patients Based on Transcriptomic Profiling. <i>International Journal of Molecular Sciences</i> , 2016, 17, 250.	1.8	15
34	Microarray Expression Data Identify DCC as a Candidate Gene for Early Meningioma Progression. <i>PLoS ONE</i> , 2016, 11, e0153681.	1.1	40
35	e-GRASP: an integrated evolutionary and GRASP resource for exploring disease associations. <i>BMC Genomics</i> , 2016, 17, 770.	1.2	15
36	Associations of recurrent miscarriages with chromosomal abnormalities, thrombophilia allelic polymorphisms and/or consanguinity in Saudi Arabia. <i>BMC Medical Genetics</i> , 2016, 17, 69.	2.1	25

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37	Cyclin D1 as a therapeutic target of renal cell carcinoma- a combined transcriptomics, tissue microarray and molecular docking study from the Kingdom of Saudi Arabia. <i>BMC Cancer</i> , 2016, 16, 741.	1.1	32
38	Low expression of leptin and its association with breast cancer: A transcriptomic study. <i>Oncology Reports</i> , 2016, 36, 43-48.	1.2	17
39	Panacea seed "Nigella": A review focusing on regenerative effects for gastric ailments. <i>Saudi Journal of Biological Sciences</i> , 2016, 23, 542-553.	1.8	25
40	Metformin improves the angiogenic potential of human CD34+ cells co-incident with downregulating CXCL10 and TIMP1 gene expression and increasing VEGFA under hyperglycemia and hypoxia within a therapeutic window for myocardial infarction. <i>Cardiovascular Diabetology</i> , 2016, 15, 27.	2.7	43
41	Conotoxins: Structure, Therapeutic Potential and Pharmacological Applications. <i>Current Pharmaceutical Design</i> , 2016, 22, 582-589.	0.9	54
42	Global Expression Studies of Schizophrenic Brain: A Meta-Analysis Study Linking Neurological Immune System with Psychological Disorders. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 477-488.	0.8	6
43	Microarray expression profiling identifies genes, including cytokines, and biofunctions, as diapedesis, associated with a brain metastasis from a papillary thyroid carcinoma. <i>American Journal of Cancer Research</i> , 2016, 6, 2140-2161.	1.4	10
44	Transcriptomics profiling study of breast cancer from Kingdom of Saudi Arabia revealed altered expression of Adiponectin and Fatty Acid Binding Protein4: Is lipid metabolism associated with breast cancer?. <i>BMC Genomics</i> , 2015, 16, S11.	1.2	34
45	Effect of BRAFmutational status on expression profiles in conventional papillary thyroid carcinomas. <i>BMC Genomics</i> , 2015, 16, S6.	1.2	16
46	Comparison of microarray expression profiles between follicular variant of papillary thyroid carcinomas and follicular adenomas of the thyroid. <i>BMC Genomics</i> , 2015, 16, S7.	1.2	40
47	Molecular Interaction of a Kinase Inhibitor Midostaurin with Anticancer Drug Targets, S100A8 and EGFR: Transcriptional Profiling and Molecular Docking Study for Kidney Cancer Therapeutics. <i>PLoS ONE</i> , 2015, 10, e0119765.	1.1	20
48	Determination of potential role of antioxidative status and circulating biochemical markers in the pathogenesis of ethambutol induced toxic optic neuropathy among diabetic and non-diabetic patients. <i>Saudi Journal of Biological Sciences</i> , 2015, 22, 739-743.	1.8	11
49	Assessment of biochemical and antioxidative status in patients suffering from dengue fever. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2015, 35, 411-418.	1.0	4
50	Nanodiamonds as an effective and novel matrix for immobilizing β galactosidase. <i>Food and Bioproducts Processing</i> , 2015, 95, 298-303.	1.8	20
51	High Frequency and Poor Prognosis of Late Childhood BCR-ABL-Positive and MLL-AF4-Positive ALL Define the Need for Advanced Molecular Diagnostics and Improved Therapeutic Strategies in Pediatric B-ALL in Pakistan. <i>Molecular Diagnosis and Therapy</i> , 2015, 19, 277-287.	1.6	4
52	Evaluation of Hemoglobin Concentration in Pregnancy and Correlation with Different Altitude: A Study from Balochistan Plateau of Pakistan. <i>The Open Biochemistry Journal</i> , 2015, 9, 7-14.	0.3	8
53	Hepatoprotective Effects of <i>Silybum marianum</i> (Silymarin) and <i>Glycyrrhiza glabra</i> (Glycyrrhizin) in Combination: A Possible Synergy. <i>Evidence-based Complementary and Alternative Medicine</i> , 2014, 2014, 1-9.	0.5	44
54	Establishing Genomic/Transcriptomic Links Between Alzheimer's Disease and Type 2 Diabetes Mellitus by Meta-Analysis Approach. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 501-516.	0.8	45

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55	Bacteriophage - A Common Divergent Therapeutic Approach for Alzheimer's Disease and Type II Diabetes Mellitus. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 491-500.	0.8	6
56	A Nanotechnological Approach to the Management of Alzheimer Disease and Type 2 Diabetes. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 478-486.	0.8	15
57	An Association of Virus Infection with Type 2 Diabetes and Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 429-439.	0.8	19
58	The Role of Viruses in Neurodegenerative and Neurobehavioral Diseases. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 1213-1223.	0.8	26
59	Transcriptomics Study of Neurodegenerative Disease: Emphasis on Synaptic Dysfunction Mechanism in Alzheimer's Disease. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 1202-1212.	0.8	17
60	Effect of Electromagnetic Radiations on Neurodegenerative Diseases- Technological Revolution as a Curse in Disguise. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 1406-1412.	0.8	6
61	Gene Expression Analysis Approach to Establish Possible Links Between Parkinson's Disease, Cancer and Cardiovascular Diseases. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 1334-1345.	0.8	2
62	Clinicopathological and p53 Gene Alteration Comparison between Young and Older Patients with Gastric Cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , 2014, 15, 1375-1379.	0.5	15
63	Detection of Compound BCR-ABL Mutations in TKI Resistant CML Patients Including a Novel K245N Mutation Associated with Primary Nilotinib Resistance By Employing a Newly Developed Cost Effective BCR-ABL Sequencing Protocol. <i>Blood</i> , 2014, 124, 1810-1810.	0.6	0
64	Expression of matrix metalloproteinases (MMPs) in primary human breast cancer: MMP-9 as a potential biomarker for cancer invasion and metastasis. <i>Anticancer Research</i> , 2014, 34, 1355-66.	0.5	129
65	Impact of S100A8 expression on kidney cancer progression and molecular docking studies for kidney cancer therapeutics. <i>Anticancer Research</i> , 2014, 34, 1873-84.	0.5	12
66	Factors affecting sap transmission of Tomato leaf curl New Delhi begomovirus infecting sponge gourd in India. <i>Phytoparasitica</i> , 2013, 41, 591-592.	0.6	5
67	Role of sponge gourd in apical leaf curl disease of potato in Northern India. <i>Phytoparasitica</i> , 2013, 41, 403-410.	0.6	10
68	Detection of begomovirus associated with okra leaf curl disease. <i>Archives of Phytopathology and Plant Protection</i> , 2013, 46, 1047-1053.	0.6	6
69	Decreased GABABR expression and increased neuronal cell death in developing rat brain after PTZ-induced seizure. <i>Neurological Sciences</i> , 2013, 34, 497-503.	0.9	14
70	Effect of cigarette smoking based on hematological parameters: comparison between male smokers and non-smokers. <i>Turkish Journal of Biochemistry</i> , 2013, 38, 75-80.	0.3	23
71	Cost effective surface functionalization of silver nanoparticles for high yield immobilization of <i>Aspergillus oryzae</i> β -galactosidase and its application in lactose hydrolysis. <i>Process Biochemistry</i> , 2012, 47, 2427-2433.	1.8	35
72	CA 15-3 (Mucin-1) and Physiological Characteristics of Breast Cancer from Lahore, Pakistan. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 5257-5261.	0.5	10

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73	Prognostically Significant Fusion Oncogenes in Pakistani Patients with Adult Acute Lymphoblastic Leukemia and their Association with Disease Biology and Outcome. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 3349-3355.	0.5	14
74	Isolation and characterization of a monoaromatic hydrocarbon-degrading bacterium, <i>Pseudomonas aeruginosa</i> from crude oil. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2010, 45, 1048-1053.	0.9	21
75	Correlation of p53 over-expression and alteration in p53 gene detected by polymerase chain reaction-single strand conformation polymorphism in adenocarcinoma of gastric cancer patients from India. <i>World Journal of Gastroenterology</i> , 2009, 15, 1381.	1.4	22
76	Peptide nucleic acid (PNA) – a review. <i>Journal of Chemical Technology and Biotechnology</i> , 2006, 81, 892-899.	1.6	125