

Sajjad Karim

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7615755/publications.pdf>

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	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
2	Peptide nucleic acid (PNA) – a review. <i>Journal of Chemical Technology and Biotechnology</i> , 2006, 81, 892-899.	1.6	125
3	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
4	Comprehensive molecular biomarker identification in breast cancer brain metastases. <i>Journal of Translational Medicine</i> , 2017, 15, 269.	1.8	80
5	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
6	Conotoxins: Structure, Therapeutic Potential and Pharmacological Applications. <i>Current Pharmaceutical Design</i> , 2016, 22, 582-589.	0.9	54
7	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
8	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
9	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
10	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
11	Microarray Expression Data Identify DCC as a Candidate Gene for Early Meningioma Progression. <i>PLoS ONE</i> , 2016, 11, e0153681.	1.1	40
12	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
13	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
14	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
15	The Role of Viruses in Neurodegenerative and Neurobehavioral Diseases. <i>CNS and Neurological Disorders - Drug Targets</i> , 2014, 13, 1213-1223.	0.8	26
16	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
17	Panacea seed – <i>Nigella</i> : A review focusing on regenerative effects for gastric ailments. <i>Saudi Journal of Biological Sciences</i> , 2016, 23, 542-553.	1.8	25
18	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

#	ARTICLE	IF	CITATIONS
19	A comparative study of bacterial diversity based on culturable and culture-independent techniques in the rhizosphere of maize (<i>Zea mays</i> L.). Saudi Journal of Biological Sciences, 2019, 26, 1344-1351.	1.8	23
20	Effect of cigarette smoking based on hematological parameters: comparison between male smokers and non-smokers. Turkish Journal of Biochemistry, 2013, 38, 75-80.	0.3	23
21	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. World Journal of Gastroenterology, 2009, 15, 1381.	1.4	22
22	Isolation and characterization of a monoaromatic hydrocarbon-degrading bacterium, <i>Pseudomonas aeruginosa</i> from crude oil. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2010, 45, 1048-1053.	0.9	21
23	Molecular Interaction of a Kinase Inhibitor Midostaurin with Anticancer Drug Targets, S100A8 and EGFR: Transcriptional Profiling and Molecular Docking Study for Kidney Cancer Therapeutics. PLoS ONE, 2015, 10, e0119765.	1.1	20
24	Nanodiamonds as an effective and novel matrix for immobilizing β galactosidase. Food and Bioprocess Processing, 2015, 95, 298-303.	1.8	20
25	Advancements in CRISPR/Cas9 technology—Focusing on cancer therapeutics and beyond. Seminars in Cell and Developmental Biology, 2019, 96, 13-21.	2.3	19
26	Implications of advanced oxidation protein products (AOPPs), advanced glycation end products (AGEs) and other biomarkers in the development of cardiovascular diseases. Saudi Journal of Biological Sciences, 2019, 26, 334-339.	1.8	19
27	An Association of Virus Infection with Type 2 Diabetes and Alzheimer's Disease. CNS and Neurological Disorders - Drug Targets, 2014, 13, 429-439.	0.8	19
28	Low expression of leptin and its association with breast cancer: A transcriptomic study. Oncology Reports, 2016, 36, 43-48.	1.2	17
29	Genomic answers for recurrent spontaneous abortion in Saudi Arabia: An array comparative genomic hybridization approach. Reproductive Biology, 2017, 17, 133-143.	0.9	17
30	Transcriptomics Study of Neurodegenerative Disease: Emphasis on Synaptic Dysfunction Mechanism in Alzheimer's Disease. CNS and Neurological Disorders - Drug Targets, 2014, 13, 1202-1212.	0.8	17
31	Effect of BRAF mutational status on expression profiles in conventional papillary thyroid carcinomas. BMC Genomics, 2015, 16, S6.	1.2	16
32	Assessment of Radiation Induced Therapeutic Effect and Cytotoxicity in Cancer Patients Based on Transcriptomic Profiling. International Journal of Molecular Sciences, 2016, 17, 250.	1.8	15
33	e-GRASP: an integrated evolutionary and GRASP resource for exploring disease associations. BMC Genomics, 2016, 17, 770.	1.2	15
34	A Nanotechnological Approach to the Management of Alzheimer Disease and Type 2 Diabetes. CNS and Neurological Disorders - Drug Targets, 2014, 13, 478-486.	0.8	15
35	Clinicopathological and p53 Gene Alteration Comparison between Young and Older Patients with Gastric Cancer. Asian Pacific Journal of Cancer Prevention, 2014, 15, 1375-1379.	0.5	15
36	Decreased GABABR expression and increased neuronal cell death in developing rat brain after PTZ-induced seizure. Neurological Sciences, 2013, 34, 497-503.	0.9	14

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	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
40	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
41	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
42	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
43	Overexpression of CXCL8 gene in Saudi colon cancer patients. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 6045-6049.	1.8	11
44	Role of sponge gourd in apical leaf curl disease of potato in Northern India. <i>Phytoparasitica</i> , 2013, 41, 403-410.	0.6	10
45	A novel homozygous nonsense mutation in CCDC88A gene cause PEHO-like syndrome in consanguineous Saudi family. <i>Neurological Sciences</i> , 2019, 40, 299-303.	0.9	10
46	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
47	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
48	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
49	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
50	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
51	Detection of begomovirus associated with okra leaf curl disease. <i>Archives of Phytopathology and Plant Protection</i> , 2013, 46, 1047-1053.	0.6	6
52	WYE-354 restores Adriamycin sensitivity in multidrug-resistant acute myeloid leukemia cell lines. <i>Oncology Reports</i> , 2019, 41, 3179-3188.	1.2	6
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	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
56	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
57	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
58	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
59	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
60	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
61	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
62	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
63	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
64	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
65	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
66	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
67	Genomic amplification of chromosome 7 in the Doxorubicin resistant K562 cell line. <i>Bioinformatics</i> , 2018, 14, 587-593.	0.2	3
68	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
69	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
70	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
71	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
72	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

#	ARTICLE	IF	CITATIONS
73	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
74	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
75	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
76	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