

# Mahmood Akhtar Kayani

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

929

citations

16

h-index

27

g-index

70

ext. papers

1,059

ext. citations

2.8

avg, IF

4.25

L-index

#	Paper	IF	Citations
68	Transcription factors as tools to engineer enhanced drought stress tolerance in plants. <i>Biotechnology Progress</i> , <b>2011</b> , 27, 297-306	2.8	157
67	Detection and characterization of mechanisms of action of aneugenic chemicals. <i>Mutagenesis</i> , <b>2002</b> , 17, 509-21	2.8	112
66	Aneugenic and clastogenic effects of doxorubicin in human lymphocytes. <i>Mutagenesis</i> , <b>2003</b> , 18, 487-90	2.8	51
65	The in vitro genotoxicity of ethanol and acetaldehyde. <i>Toxicology in Vitro</i> , <b>2010</b> , 24, 56-60	3.6	29
64	Loss of Mitochondrial Tumor Suppressor Genes Expression Is Associated with Unfavorable Clinical Outcome in Head and Neck Squamous Cell Carcinoma: Data from Retrospective Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0146948	3.7	24
63	Correlation between selected XRCC2, XRCC3 and RAD51 gene polymorphisms and primary breast cancer in women in Pakistan. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2014</b> , 15, 10225-9	1.7	24
62	Mutational analysis of the MTHFR gene in breast cancer patients of Pakistani population. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2012</b> , 13, 1599-603	1.7	22
61	Deregulation of base excision repair gene expression and enhanced proliferation in head and neck squamous cell carcinoma. <i>Tumor Biology</i> , <b>2014</b> , 35, 5971-83	2.9	21
60	Transgenic plants for abiotic stress tolerance: current status. <i>Archives of Agronomy and Soil Science</i> , <b>2012</b> , 58, 693-721	2	21
59	Expression of xenobiotic metabolizing genes in head and neck cancer tissues. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2011</b> , 12, 377-82	1.7	21
58	OGG1 Mutations and Risk of Female Breast Cancer: Meta-Analysis and Experimental Data. <i>Disease Markers</i> , <b>2015</b> , 2015, 690878	3.2	20
57	Genetic and expressional variations of APEX1 are associated with increased risk of head and neck cancer. <i>Mutagenesis</i> , <b>2013</b> , 28, 213-8	2.8	20
56	Mutational Spectrum of Gelsolin and Its Down Regulation Is Associated with Breast Cancer. <i>Disease Markers</i> , <b>2013</b> , 34, 71-80	3.2	19
55	Association of RAD 51 135 G/C, 172 G/T and XRCC3 Thr241Met gene polymorphisms with increased risk of head and neck cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2014</b> , 15, 10457-62	1.7	19
54	Genetic variations in XRCC1 gene in sporadic head and neck cancer (HNC) patients. <i>Pathology and Oncology Research</i> , <b>2013</b> , 19, 183-8	2.6	18
53	Decreased mRNA expression levels of base excision repair (BER) pathway genes is associated with enhanced Ki-67 expression in HNSCC. <i>Medical Oncology</i> , <b>2012</b> , 29, 3620-5	3.7	18
52	Mutational spectrum of Gelsolin and its down regulation is associated with breast cancer. <i>Disease Markers</i> , <b>2013</b> , 34, 71-80	3.2	16

51	Expression of CYP1A1 and GSTP1 in human brain tumor tissues in Pakistan. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2013</b> , 14, 7187-91	1.7	16
50	Retinoblastoma (RB1) pocket domain mutations and promoter hyper-methylation in head and neck cancer. <i>Cellular Oncology (Dordrecht)</i> , <b>2014</b> , 37, 203-13	7.2	15
49	Novel mutations of OGG1 base excision repair pathway gene in laryngeal cancer patients. <i>Familial Cancer</i> , <b>2012</b> , 11, 587-93	3	15
48	Genetic variation in carcinogen metabolizing genes associated with oral cancer in pakistani population. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2011</b> , 12, 491-5	1.7	13
47	Haplotype Based Analysis of XRCC3 Gene Polymorphisms in Thyroid Cancer. <i>Cellular Physiology and Biochemistry</i> , <b>2017</b> , 42, 22-33	3.9	12
46	Genetic changes in the PTEN gene and their association with breast cancer in Pakistan. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2011</b> , 12, 2773-8	1.7	12
45	Promoter Methylation Status Modulate the Expression of Tumor Suppressor (RbL2/p130) Gene in Breast Cancer. <i>PLoS ONE</i> , <b>2015</b> , 10, e0134687	3.7	11
44	Association of SYK genetic variations with breast cancer pathogenesis. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2013</b> , 14, 3309-14	1.7	11
43	Genetic deletions of GSTM1 and GSTT1 in head and neck cancer: review of the literature from 2000 to 2012. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2013</b> , 14, 3535-9	1.7	11
42	Expression patterns of carcinogen detoxifying genes (CYP1A1, GSTP1 & GSTT1) in HNC patients. <i>Pathology and Oncology Research</i> , <b>2013</b> , 19, 89-94	2.6	10
41	Mutational analysis of xenobiotic metabolizing genes (CYP1A1 and GSTP1) in sporadic head and neck cancer patients. <i>Genetics and Molecular Biology</i> , <b>2011</b> , 34, 533-8	2	10
40	Lead induces DNA damage and alteration of ALAD and antioxidant genes mRNA expression in construction site workers. <i>Archives of Environmental and Occupational Health</i> , <b>2019</b> , 74, 171-178	2	10
39	OGG1 gene sequence variation in head and neck cancer patients in Pakistan. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2011</b> , 12, 2779-83	1.7	10
38	CYP1A1 and GSTP1 gene variations in breast cancer: a systematic review and case-control study. <i>Familial Cancer</i> , <b>2016</b> , 15, 201-14	3	8
37	Novel germline CDK4 mutations in patients with head and neck cancer. <i>Hereditary Cancer in Clinical Practice</i> , <b>2012</b> , 10, 11	2.3	8
36	Significance of cyclin D1 polymorphisms in patients with head and neck cancer. <i>International Journal of Biological Markers</i> , <b>2013</b> , 28, 49-55	2.8	8
35	In vitro genotoxic assessment of xenobiotic diacylglycerols in an in vitro micronucleus assay. <i>Environmental and Molecular Mutagenesis</i> , <b>2009</b> , 50, 277-84	3.2	8
34	Haplotype analysis of XRCC2 gene polymorphisms and association with increased risk of head and neck cancer. <i>Scientific Reports</i> , <b>2017</b> , 7, 13210	4.9	7

33	Expression deregulation of DNA repair pathway genes in gastric cancer. <i>Cancer Genetics</i> , <b>2019</b> , 237, 39-50.	3	7
32	Genetic variations and head and neck cancer risks. <i>Molecular Biology Reports</i> , <b>2014</b> , 41, 2667-70	2.8	7
31	Association of reduced XRCC2 expression with lymph node metastasis in breast cancer tissues. <i>Familial Cancer</i> , <b>2014</b> , 13, 611-7	3	7
30	Identification of novel SNPs in SYK gene of breast cancer patients: computational analysis of SNPs in the 5'UTR. <i>Molecular Biology Reports</i> , <b>2012</b> , 39, 8345-51	2.8	7
29	Relationship of single nucleotide polymorphisms and haplotype interaction of mitochondrial unfolded protein response pathway genes with head and neck cancer. <i>Future Oncology</i> , <b>2019</b> , 15, 3819-3829	3.6	7
28	Interaction among susceptibility genotypes of PARP1 SNPs in thyroid carcinoma. <i>PLoS ONE</i> , <b>2018</b> , 13, e0199007	3.7	7
27	Upregulation of RAD51 expression is associated with progression of thyroid carcinoma. <i>Experimental and Molecular Pathology</i> , <b>2017</b> , 102, 446-454	4.4	6
26	PARP1: A potential biomarker for gastric cancer. <i>Pathology Research and Practice</i> , <b>2019</b> , 215, 152472	3.4	6
25	Unusual intronic variant in GSTP1 in head and neck cancer in Pakistan. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2012</b> , 13, 1683-6	1.7	6
24	Redox balance and DNA fragmentation in arsenic-exposed occupational workers from different industries of Pakistan. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 33381-33390	5.1	6
23	Protection against laryngeal and pharyngeal carcinoma: Heterozygous vs. homozygous deletions of GSTM1 and GSTT1. <i>Genetics and Molecular Biology</i> , <b>2013</b> , 36, 1-6	2	5
22	Down-regulation of CYP1A1 expression in breast cancer. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2012</b> , 13, 1757-60	1.7	5
21	Acetylation of retinoblastoma like protein2 (Rb2/p130) in tumor tissues. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2013</b> , 14, 2255-8	1.7	5
20	Germline variations of apurinic/apyrimidinic endonuclease 1 (APEX1) detected in female breast cancer patients. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2014</b> , 15, 7589-95	1.7	5
19	Increased expression of ERCC2 gene in head and neck cancer is associated with aggressive tumors: a systematic review and case-control study. <i>International Journal of Biological Markers</i> , <b>2016</b> , 31, e17-25	2.8	5
18	Lack of germ line changes in KISS1 and KAI1 genes in sporadic head and neck cancer patients of Pakistani origin. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2011</b> , 12, 2767-71	1.7	5
17	Issues of maternal health in Pakistan: trends towards millennium development goal 5. <i>JPMA the Journal of the Pakistan Medical Association</i> , <b>2014</b> , 64, 690-3	0.4	5
16	Association of Differentiation-Related Gene-1 (DRG1) with Breast Cancer Survival and in Vitro Impact of DRG1 Suppression. <i>Cancers</i> , <b>2012</b> , 4, 658-72	6.6	4

15	Prognostic significance of altered blood and tissue glutathione levels in head and neck squamous cell carcinoma cases. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2014</b> , 15, 7603-9	1.7	4
14	Role of HER-2 Ile655Val Polymorphism as Universal Cancer Susceptibility Marker among Different Cancers. <i>Archives of Iranian Medicine</i> , <b>2016</b> , 19, 430-8	2.4	3
13	Modulation of brain tumor risk by genetic SNPs in PARP1 gene: Hospital based case control study. <i>PLoS ONE</i> , <b>2019</b> , 14, e0223882	3.7	2
12	Rb1/105 gene alterations and head and neck carcinogenesis. <i>Molecular Biology Reports</i> , <b>2012</b> , 39, 9573-81	3.8	2
11	Association of arsenic-related gene and antioxidant gene expression in industrial workers occupationally exposed to arsenic. <i>Toxicology and Industrial Health</i> , <b>2020</b> , 36, 161-169	1.8	1
10	Association between single nucleotide polymorphisms of DNA damage response pathway genes and increased risk in breast cancer. <i>Future Oncology</i> , <b>2020</b> , 16, 1977-1995	3.6	1
9	Association of intronic polymorphisms (rs1549339, rs13402242) and mRNA expression variations in PSMD1 gene in arsenic-exposed workers. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 11425-11437	5.1	1
8	Genetic and expression variations of cell cycle pathway genes in brain tumor patients. <i>Bioscience Reports</i> , <b>2020</b> , 40,	4.1	1
7	Neural Differentiation of Mouse Embryonic Stem Cells-An Approach to Profile DNA Methylation of Reprogramming Factor Sox2-SRR2. <i>Frontiers in Genetics</i> , <b>2021</b> , 12, 641095	4.5	1
6	Deregulation of mitochondrial sirtuins and OGG1-2a acts as a prognostic and diagnostic biomarker in leukemia. <i>Future Oncology</i> , <b>2021</b> , 17, 3561-3577	3.6	1
5	Linkage disequilibrium and haplotype analysis of and genes in thyroid cancer. <i>Future Oncology</i> , <b>2020</b> , 16, 779-792	3.6	0
4	Role of Vitamin D deficiency and mRNA expression of VDR and RXR in haematological cancers. <i>Molecular Biology Reports</i> , <b>2021</b> , 48, 4431-4439	2.8	0
3	Increased expression is significantly associated with breast cancer progression, metastasis and poor survival. <i>Future Oncology</i> , <b>2021</b> , 17, 2725-2734	3.6	0
2	Polymorphism in miRNA target sites of and ring complex influences expression of CEP genes and favors tumorigenesis in glioma. <i>Future Oncology</i> , <b>2021</b> , 17, 3355-3372	3.6	0
1	Mitochondrial sirtuins genetic variations and gastric cancer risk: Evidence from retrospective observational study. <i>Gene</i> , <b>2022</b> , 807, 145951	3.8	0