

Muhammed Murtaza

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

7,730
citations

331670

21
h-index

395702

33
g-index

46
all docs

46
docs citations

46
times ranked

13986
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Circulating Tumor DNA to Monitor Metastatic Breast Cancer. <i>New England Journal of Medicine</i> , 2013, 368, 1199-1209.	27.0	1,884
2	Non-invasive analysis of acquired resistance to cancer therapy by sequencing of plasma DNA. <i>Nature</i> , 2013, 497, 108-112.	27.8	1,443
3	Noninvasive Identification and Monitoring of Cancer Mutations by Targeted Deep Sequencing of Plasma DNA. <i>Science Translational Medicine</i> , 2012, 4, 136ra68.	12.4	1,086
4	A genome-wide association study in Europeans and South Asians identifies five new loci for coronary artery disease. <i>Nature Genetics</i> , 2011, 43, 339-344.	21.4	643
5	Multifocal clonal evolution characterized using circulating tumour DNA in a case of metastatic breast cancer. <i>Nature Communications</i> , 2015, 6, 8760.	12.8	409
6	Ovarian Cancer Cell Line Panel (OCCP): Clinical Importance of In Vitro Morphological Subtypes. <i>PLoS ONE</i> , 2014, 9, e103988.	2.5	319
7	Spatial and Temporal Heterogeneity in High-Grade Serous Ovarian Cancer: A Phylogenetic Analysis. <i>PLoS Medicine</i> , 2015, 12, e1001789.	8.4	314
8	Ordering of mutations in preinvasive disease stages of esophageal carcinogenesis. <i>Nature Genetics</i> , 2014, 46, 837-843.	21.4	302
9	Personalized circulating tumor DNA analysis to detect residual disease after neoadjuvant therapy in breast cancer. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	197
10	Circulating tumor DNA as an early cancer detection tool. , 2020, 207, 107458.		123
11	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. <i>American Journal of Human Genetics</i> , 2011, 88, 6-18.	6.2	122
12	Clinical and pathological impact of <i>VHL</i> , <i>PBRM1</i> , <i>BAP1</i> , <i>SETD2</i> , <i>KDM6A</i> , and <i>JARID1c</i> in clear cell renal cell carcinoma. <i>Genes Chromosomes and Cancer</i> , 2014, 53, 38-51.	2.8	107
13	Evaluation of pre-analytical factors affecting plasma DNA analysis. <i>Scientific Reports</i> , 2018, 8, 7375.	3.3	102
14	The Genomic and Immune Landscapes of Lethal Metastatic Breast Cancer. <i>Cell Reports</i> , 2019, 27, 2690-2708.e10.	6.4	95
15	The Pakistan Risk of Myocardial Infarction Study: a resource for the study of genetic, lifestyle and other determinants of myocardial infarction in South Asia. <i>European Journal of Epidemiology</i> , 2009, 24, 329-338.	5.7	83
16	Harmonizing Cell-Free DNA Collection and Processing Practices through Evidence-Based Guidance. <i>Clinical Cancer Research</i> , 2020, 26, 3104-3109.	7.0	66
17	Dynamics of multiple resistance mechanisms in plasma DNA during EGFR-targeted therapies in non-small cell lung cancer. <i>EMBO Molecular Medicine</i> , 2018, 10, .	6.9	61
18	The burden of stroke and transient ischemic attack in Pakistan: a community-based prevalence study. <i>BMC Neurology</i> , 2009, 9, 58.	1.8	59

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19	Association of the 9p21.3 Locus With Risk of First-Ever Myocardial Infarction in Pakistanis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 1467-1473.	2.4	48
20	Analysis of recurrently protected genomic regions in cell-free DNA found in urine. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	40
21	Classification and Clinical Features of Headache Disorders in Pakistan: A Retrospective Review of Clinical Data. <i>PLoS ONE</i> , 2009, 4, e5827.	2.5	31
22	Capturing tumor heterogeneity and clonal evolution in solid cancers using circulating tumor DNA analysis. , 2017, 174, 22-26.		28
23	Genetic Determinants of Major Blood Lipids in Pakistanis Compared With Europeans. <i>Circulation: Cardiovascular Genetics</i> , 2010, 3, 348-357.	5.1	25
24	Identification of Recurrent Activating <i>HER2</i> Mutations in Primary Canine Pulmonary Adenocarcinoma. <i>Clinical Cancer Research</i> , 2019, 25, 5866-5877.	7.0	24
25	Horizons in Veterinary Precision Oncology: Fundamentals of Cancer Genomics and Applications of Liquid Biopsy for the Detection, Characterization, and Management of Cancer in Dogs. <i>Frontiers in Veterinary Science</i> , 2021, 8, 664718.	2.2	21
26	Nucleosome mapping in plasma DNA predicts cancer gene expression. <i>Nature Genetics</i> , 2016, 48, 1105-1106.	21.4	19
27	Long-tunneled versus short-tunneled external ventricular drainage: Prospective experience from a developing country. <i>Journal of Innovative Optical Health Sciences</i> , 2016, 11, 114-117.	1.0	14
28	Risk Factors of Stroke in Pakistan: A Dedicated Stroke Clinic Experience. <i>Canadian Journal of Neurological Sciences</i> , 2010, 37, 252-257.	0.5	8
29	The Karachi intracranial stenosis study (KISS) Protocol: An urban multicenter case-control investigation reporting the clinical, radiologic and biochemical associations of intracranial stenosis in Pakistan. <i>BMC Neurology</i> , 2009, 9, 31.	1.8	7
30	Evaluation of therapeutic control in a Pakistani population with hypertension. <i>Journal of Evaluation in Clinical Practice</i> , 2010, 16, 1081-1084.	1.8	7
31	Frequency and Determinants of Intracranial Atherosclerotic Stroke in Urban Pakistan. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014, 23, 2174-2182.	1.6	6
32	Risk Factor Profiles of South Asians with Cerebrovascular Disease. <i>International Journal of Stroke</i> , 2011, 6, 346-348.	5.9	4
33	Detection of copy number aberrations in cholangiocarcinoma using shallow whole genome sequencing of plasma DNA.. <i>Journal of Clinical Oncology</i> , 2018, 36, 293-293.	1.6	3
34	Feasibility of circulating tumor DNA analysis in dogs with naturally occurring malignant and benign splenic lesions. <i>Scientific Reports</i> , 2022, 12, 6337.	3.3	3
35	Plasma metagenomic sequencing to detect and quantify bacterial DNA in ICU patients suspected of sepsis. <i>Journal of Trauma and Acute Care Surgery</i> , 2021, Publish Ahead of Print, 988-994.	2.1	2
36	Meta-analysis of Dense Genecentric Association Studies Reveals Common and Uncommon Variants Associated with Height. <i>American Journal of Human Genetics</i> , 2012, 90, 1116-1117.	6.2	0

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37	Circulating Tumor DNA Analysis and Opportunities for Personalized Cancer Medicine. , 2019, , 229-242.		0
38	Influence of a single nucleotide polymorphism (SNP) and DNA hybridization on the drying patterns of micro droplets. Journal of Nanomedicine, 2018, 1, .	0.3	0