

Puthen Jithesh

List of Publications by Year in descending order

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Version: 2024-02-01

71
papers

1,250
citations

430874

18
h-index

395702

33
g-index

73
all docs

73
docs citations

73
times ranked

2768
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome sequencing data analysis for rare disease gene discovery. <i>Briefings in Bioinformatics</i> , 2022, 23, .	6.5	6
2	A population study of clinically actionable genetic variation affecting drug response from the Middle East. <i>Npj Genomic Medicine</i> , 2022, 7, 10.	3.8	20
3	Editorial: Metabolomics in Infectious Diseases. <i>Frontiers in Genetics</i> , 2022, 13, 875835.	2.3	1
4	Prescription Pattern of Antidepressants and the Potential for Personalized Medicine in the Qatari Population. <i>Journal of Personalized Medicine</i> , 2021, 11, 406.	2.5	4
5	Actionable genomic variants in 6045 participants from the Qatar Genome Program. <i>Human Mutation</i> , 2021, 42, 1584-1601.	2.5	13
6	Seven novel glucose-6-phosphate dehydrogenase (G6PD) deficiency variants identified in the Qatari population. <i>Human Genomics</i> , 2021, 15, 61.	2.9	3
7	Prescription Pattern and Off-Label Use of Antipsychotics in a Middle Eastern Population. <i>Frontiers in Pharmacology</i> , 2021, 12, 753845.	3.5	4
8	Case Report: Phenotype-Gene Correlation in a Case of Novel Tandem 4q Microduplication With Short Stature, Speech Delay and Microcephaly. <i>Frontiers in Endocrinology</i> , 2021, 12, 783235.	3.5	1
9	Genome sequencing unveils mutational landscape of the familial Mediterranean fever: Potential implications of IL33/ST2 signalling. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 11294-11306.	3.6	7
10	Three Copies of Four Interferon Receptor Genes Underlie a Mild Type I Interferonopathy in Down Syndrome. <i>Journal of Clinical Immunology</i> , 2020, 40, 807-819.	3.8	44
11	First Whole Transcriptome RNAseq on CHD8 Haploinsufficient Patient and Meta-Analyses Across Cellular Models Uncover Likely Key Pathophysiological Target Genes. <i>Cureus</i> , 2020, 12, e11571.	0.5	2
12	The clinical and genetic characteristics of permanent neonatal diabetes (PNDM) in the state of Qatar. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e00753.	1.2	21
13	Monoallelic expression in melanoma. <i>Journal of Translational Medicine</i> , 2019, 17, 112.	4.4	2
14	Integrated omics profiling reveals novel patterns of epigenetic programming in cancer-associated myofibroblasts. <i>Carcinogenesis</i> , 2019, 40, 500-512.	2.8	10
15	The Unfolded Protein Response: A Novel Therapeutic Target for Poor Prognostic <i>BRAF</i> Mutant Colorectal Cancer. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 1280-1290.	4.1	17
16	Re: Perinatal and maternal morbidity and mortality among term singletons following midcavity operative vaginal delivery versus caesarean delivery. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2018, 125, 759-760.	2.3	1
17	Proteomic profiling of rectal cancer reveals acid ceramidase is implicated in radiation response. <i>Journal of Proteomics</i> , 2018, 179, 53-60.	2.4	17
18	Exome sequencing of synchronously resected primary colorectal tumours and colorectal liver metastases to inform oncosurgical management. <i>European Journal of Surgical Oncology</i> , 2018, 44, 115-121.	1.0	4

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19	Transcriptional Subtyping and CD8 Immunohistochemistry Identifies Patients With Stage II and III Colorectal Cancer With Poor Prognosis Who Benefit From Adjuvant Chemotherapy. <i>JCO Precision Oncology</i> , 2018, 2018, 1-15.	3.0	45
20	Porting and Benchmarking of BWAKIT Pipeline on OpenPOWER Architecture. <i>Lecture Notes in Computer Science</i> , 2018, , 402-410.	1.3	0
21	Bioinformatics challenges in the adoption of next generation sequencing for translational molecular diagnostics. <i>European Journal of Molecular and Clinical Medicine</i> , 2017, 2, 58.	0.1	0
22	Genome-wide Regulatory Roles of the C2H2-type Zinc Finger Protein ZNF764 on the Glucocorticoid Receptor. <i>Scientific Reports</i> , 2017, 7, 41598.	3.3	19
23	Gene expression profiling in bladder cancer identifies potential therapeutic targets. <i>International Journal of Oncology</i> , 2017, 50, 1147-1159.	3.3	17
24	Accelerating next generation sequencing data analysis with system level optimizations. <i>Scientific Reports</i> , 2017, 7, 9058.	3.3	15
25	From genomes to genomic medicine: enabling personalized and precision medicine in the Middle East. <i>Personalized Medicine</i> , 2017, 14, 377-382.	1.5	17
26	Diagnosis implications of the whole genome sequencing in a large Lebanese family with hyaline fibromatosis syndrome. <i>BMC Genetics</i> , 2017, 18, 3.	2.7	8
27	AKT1 has dual actions on the glucocorticoid receptor by cooperating with 14-3-3. <i>Molecular and Cellular Endocrinology</i> , 2017, 439, 431-443.	3.2	18
28	A collection of annotated and harmonized human breast cancer transcriptome datasets, including immunologic classification. <i>F1000Research</i> , 2017, 6, 296.	1.6	14
29	A collection of annotated and harmonized human breast cancer transcriptome datasets, including immunologic classification. <i>F1000Research</i> , 2017, 6, 296.	1.6	14
30	Distinct miRNA profiles in normal and gastric cancer myofibroblasts and significance in Wnt signaling. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, G696-G704.	3.4	15
31	Temple-Baraitser Syndrome and Zimmermann-Laband Syndrome: one clinical entity?. <i>BMC Medical Genetics</i> , 2016, 17, 42.	2.1	27
32	KDM6B histone demethylase is an epigenetic regulator of estrogen receptor β expression in human pleural mesothelioma. <i>Epigenomics</i> , 2016, 8, 1227-1238.	2.1	15
33	Depletion of Human DNA in Spiked Clinical Specimens for Improvement of Sensitivity of Pathogen Detection by Next-Generation Sequencing. <i>Journal of Clinical Microbiology</i> , 2016, 54, 919-927.	3.9	199
34	Analysis of Gene Expression in 3D Spheroids Highlights a Survival Role for ASS1 in Mesothelioma. <i>PLoS ONE</i> , 2016, 11, e0150044.	2.5	30
35	Ran GTPase promotes cancer progression via Met receptor-mediated downstream signaling. <i>Oncotarget</i> , 2016, 7, 75854-75864.	1.8	31
36	SIRT1 at the crossroads of AKT1 and ER β in malignant pleural mesothelioma cells. <i>Oncotarget</i> , 2016, 7, 14366-14379.	1.8	16

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37	Monoallelic Expression in Melanoma. , 2016, , .		0
38	Optimization of data-intensive next generation sequencing in high performance computing. , 2015, , .		2
39	Total Proteome Analysis Identifies Migration Defects as a Major Pathogenetic Factor in Immunoglobulin Heavy Chain Variable Region (IGHV)-unmutated Chronic Lymphocytic Leukemia. Molecular and Cellular Proteomics, 2015, 14, 933-945.	3.8	31
40	Abstract B20: Global hypomethylation of esophageal myofibroblasts is associated with accelerated tumor growth.. , 2015, , .		0
41	ADAM17-Dependent c-MET-STAT3 Signaling Mediates Resistance to MEK Inhibitors in KRAS Mutant Colorectal Cancer. Cell Reports, 2014, 7, 1940-1955.	6.4	90
42	Identification of RBCK1 as a novel regulator of FKBPL: implications for tumor growth and response to tamoxifen. Oncogene, 2014, 33, 3441-3450.	5.9	31
43	31. Exome sequencing of synchronously resected primary colorectal cancer and colorectal liver metastases to identify novel response biomarkers and drug targets. European Journal of Surgical Oncology, 2014, 40, S21-S22.	1.0	0
44	Development and Evaluation of the Clinical Utility of a Next Generation Sequencing (NGS) Tool for Myeloid Disorders. Blood, 2014, 124, 2373-2373.	1.4	5
45	Total Proteome Analysis Identifies Migration Defects As a Major Pathogenetic Factor in IGHV-Unmutated Chronic Lymphocytic Leukemia. Blood, 2014, 124, 718-718.	1.4	2
46	Abstract 1431: Gene expression analysis of argininosuccinate synthetase loss and the effects of pegylated arginine deiminase in malignant pleural mesothelioma. , 2014, , .		0
47	Abstract 696: ASS1, ANXA4 and MVP underlie acquired multicellular resistance of mesothelioma 3D cell cultures. , 2014, , .		0
48	Targeting Treatment-Resistant Breast Cancer Stem Cells with FKBPL and Its Peptide Derivative, AD-01, via the CD44 Pathway. Clinical Cancer Research, 2013, 19, 3881-3893.	7.0	63
49	The epigenetic landscape of oral squamous cell carcinoma. British Journal of Cancer, 2013, 108, 370-379.	6.4	85
50	Estrogen receptor β activation impairs mitochondrial oxidative metabolism and affects malignant mesothelioma cell growth in vitro and in vivo. Oncogenesis, 2013, 2, e72-e72.	4.9	34
51	Gene expression profiling in bladder cancer to identify potential therapeutic targets.. Journal of Clinical Oncology, 2013, 31, 4518-4518.	1.6	0
52	Identification of Galanin and Its Receptor GalR1 as Novel Determinants of Resistance to Chemotherapy and Potential Biomarkers in Colorectal Cancer. Clinical Cancer Research, 2012, 18, 5412-5426.	7.0	47
53	A Systems Biology Approach Identifies SART1 as a Novel Determinant of Both 5-Fluorouracil and SN38 Drug Resistance in Colorectal Cancer. Molecular Cancer Therapeutics, 2012, 11, 119-131.	4.1	27
54	862 Differentially Expressed MicroRNAs in Gastric Cancer-associated Myofibroblasts. European Journal of Cancer, 2012, 48, S208.	2.8	0

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55	Gene Expression Meta-Analysis Identifies VDAC1 as a Predictor of Poor Outcome in Early Stage Non-Small Cell Lung Cancer. PLoS ONE, 2011, 6, e14635.	2.5	60
56	The Rab27A effector MYRIP as a regulator of survival in non-small cell lung cancer cells.. Journal of Clinical Oncology, 2011, 29, e13537-e13537.	1.6	0
57	Inhibition of FGFR4 increases oxaliplatin and 5-fluorouracil sensitivity in Kras wild-type and mutant colorectal cancer cells.. Journal of Clinical Oncology, 2011, 29, e14087-e14087.	1.6	0
58	Ephrins/eph as novel synthetic lethal targets in <i>Kras</i> mutant colorectal cancer.. Journal of Clinical Oncology, 2011, 29, e13578-e13578.	1.6	0
59	The Colorectal cancer disease-specific transcriptome may facilitate the discovery of more biologically and clinically relevant information. BMC Cancer, 2010, 10, 687.	2.6	7
60	FKBPL Regulates Estrogen Receptor Signaling and Determines Response to Endocrine Therapy. Cancer Research, 2010, 70, 1090-1100.	0.9	38
61	FKBPL: a novel prognostic and predictive biomarker?. Breast Cancer Research, 2010, 12, .	5.0	0
62	Abstract 4445: Pegylated arginine deiminase induces mitochondrial apoptosis and synergizes with cisplatin in ASS1-negative malignant pleural mesothelioma. , 2010, , .		0
63	Evaluation of machine learning versus Cox regression in identification of factors predicting recurrence following resection of non-small cell lung cancer.. Journal of Clinical Oncology, 2010, 28, 1599-1599.	1.6	7
64	6068 Pathways of oxaliplatin/5-fluorouracil resistance in colorectal cancer. European Journal of Cancer, Supplement, 2009, 7, 342.	2.2	0
65	FKBPL Regulates Estrogen Receptor Signalling and Determines Response to Endocrine Therapy.. , 2009, , .		0
66	Clinical Determinants of Response to Irinotecan-Based Therapy Derived from Cell Line Models. Clinical Cancer Research, 2008, 14, 6647-6655.	7.0	18
67	GeneGrid: Architecture, Implementation and Application. Journal of Grid Computing, 2006, 4, 209-222.	3.9	6
68	GeneGrid: From "Virtual" Bioinformatics Laboratory to "Smart" Bioinformatics Laboratory. , 2006, , .		1
69	GeneGrid: a commercial grid service oriented virtual bioinformatics laboratory. , 2005, , .		3
70	Molecular Dynamics Studies of Trinucleotide Repeat DNA Involved in Neurodegenerative Disorders. Journal of Biomolecular Structure and Dynamics, 2001, 19, 479-495.	3.5	8
71	GeneGrid: Grid Based Solution for Bioinformatics Application Integration and Experiment Execution. , 0, , .		6