Shaik Mohammad Naushad

List of Publications by Year
in descending order

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103 papers	1,626 citations	304368 22 h-index	360668 35 g-index
106 all docs	106 docs citations	106 times ranked	2296 citing authors

#	Article	IF	Citations
1	Newborn screening in India. Indian Journal of Pediatrics, 2004, 71, 157-160.	0.3	102
2	Aberrations in folate metabolic pathway and altered susceptibility to autism. Psychiatric Genetics, 2009, 19, 171-176.	0.6	82
3	Association of parental hyperhomocysteinemia and C677T Methylene tetrahydrofolate reductase (MTHFR) polymorphism with recurrent pregnancy loss. Clinical Biochemistry, 2009, 42, 380-386.	0.8	69
4	Plasma homocysteine levels correlated to interactions between folate status and methylene tetrahydrofolate reductase gene mutation in women with unexplained recurrent pregnancy loss. Journal of Obstetrics and Gynaecology, 2003, 23, 55-58.	0.4	56
5	Clinical and Molecular Diagnosis of Joubert Syndrome and Related Disorders. Pediatric Neurology, 2020, 106, 43-49.	1.0	54
6	Genetic and environmental influences on total plasma homocysteine and coronary artery disease (CAD) risk among South Indians. Clinica Chimica Acta, 2009, 405, 127-131.	0.5	50
7	Aberrations in one-carbon metabolism induce oxidative DNA damage in sporadic breast cancer. Molecular and Cellular Biochemistry, 2011, 349, 159-167.	1.4	49
8	Epistatic interactions between loci of one-carbon metabolism modulate susceptibility to breast cancer. Molecular Biology Reports, 2011, 38, 4893-4901.	1.0	49
9	Clinical utility of folate pathway genetic polymorphisms in the diagnosis of autism spectrum disorders. Psychiatric Genetics, 2016, 26, 281-286.	0.6	47
10	Optimization of warfarin dose by population-specific pharmacogenomic algorithm. Pharmacogenomics Journal, 2012, 12, 306-311.	0.9	46
11	Oxidative stress in coronary artery disease: epigenetic perspective. Molecular and Cellular Biochemistry, 2013, 374, 203-211.	1.4	44
12	Epigenetic regulation of miR-200 as the potential strategy for the therapy against triple-negative breast cancer. Gene, 2018, 641, 248-258.	1.0	44
13	Interactions of 5'-UTR Thymidylate Synthase Polymorphism with 677Câ†' T Methylene Tetrahydrofolate Reductase and 66Aâ†' G Methyltetrahydrofolate Homocysteine Methyl-transferase Reductase Polymorphisms Determine Susceptibility to Coronary Artery Disease. Journal of Atherosclerosis and Thrombosis, 2011, 18, 56-64.	0.9	43
14	Artificial neural network model for predicting the bioavailability of tacrolimus in patients with renal transplantation. PLoS ONE, 2018, 13, e0191921.	1.1	41
15	Cross-Talk Between One-Carbon Metabolism and Xenobiotic Metabolism: Implications on Oxidative DNA Damage and Susceptibility to Breast Cancer. Cell Biochemistry and Biophysics, 2011, 61, 715-723.	0.9	35
16	Association of TLR4 (D299G, T399I), TLR9 â^'1486T>C, TIRAP S180L and TNF-Î± promoter (â^'1031, â^'863, â^'857) polymorphisms with risk for systemic lupus erythematosus among South Indians. Lupus, 2015, 24, 50-57.	0.8	33
17	Oxidative Stress is Associated with Genetic Polymorphisms in One-Carbon Metabolism in Coronary Artery Disease. Cell Biochemistry and Biophysics, 2013, 67, 353-361.	0.9	32
18	Association of aberrations in oneâ€carbon metabolism with molecular phenotype and grade of breast cancer. Molecular Carcinogenesis, 2012, 51, E32-41.	1.3	31

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19	Role of parental folate pathway single nucleotide polymorphisms in altering the susceptibility to neural tube defects in South India. Journal of Perinatal Medicine, 2010, 38, 63-9.	0.6	27
20	Genetic variants of thiopurine and folate metabolic pathways determine 6-MP-mediated hematological toxicity in childhood ALL. Pharmacogenomics, 2012, 13, 1001-1008.	0.6	26
21	Impact of Hyperhomocysteinemia on Breast Cancer Initiation and Progression: Epigenetic Perspective. Cell Biochemistry and Biophysics, 2014, 68, 397-406.	0.9	26
22	Predictors of successful non-operative management of grade III & IV blunt pancreatic trauma. Annals of Medicine and Surgery, 2016, 10, 103-109.	0.5	25
23	Association of seven functional polymorphisms of one-carbon metabolic pathway with total plasma homocysteine levels and susceptibility to Parkinson's disease among South Indians. Neuroscience Letters, 2014, 568, 1-5.	1.0	23
24	Association of Parkinson's disease with altered serum levels of lead and transition metals among South Indian subjects. Indian Journal of Biochemistry and Biophysics, 2014, 51, 121-6.	0.2	22
25	Hyperhomocysteinemia and the compound heterozygous state for methylene tetrahydrofolate reductase are independent risk factors for deep vein thrombosis among South Indians. Blood Coagulation and Fibrinolysis, 2007, 18, 113-117.	0.5	20
26	Relationship between methionine synthase, methionine synthase reductase genetic polymorphisms and deep vein thrombosis among South Indians. Clinical Chemistry and Laboratory Medicine, 2008, 46, 73-9.	1.4	19
27	Artificial neural network-based exploration of gene-nutrient interactions in folate and xenobiotic metabolic pathways that modulate susceptibility to breast cancer. Gene, 2016, 580, 159-168.	1.0	19
28	Paradoxical role of C1561T glutamate carboxypeptidase II (GCPII) genetic polymorphism in altering disease susceptibility. Gene, 2012, 497, 273-279.	1.0	17
29	Epigenetic modulation of RFC1, MHC2TA and HLA-DR in systemic lupus erythematosus: Association with serological markers and six functional polymorphisms of one-carbon metabolic pathway. Gene, 2014, 536, 45-52.	1.0	17
30	Artificial neural network-based pharmacogenomic algorithm for warfarin dose optimization. Pharmacogenomics, 2016, 17, 121-131.	0.6	17
31	FOXN1 Italian founder mutation in Indian family: Implications in prenatal diagnosis. Gene, 2017, 627, 222-225.	1.0	17
32	Meta-analysis of genetic polymorphisms in xenobiotic metabolizing enzymes and their association with breast cancer risk. Journal of Genetics, 2018, 97, 523-537.	0.4	16
33	Retrospective evidence for clinical validity of expanded genetic model in warfarin dose optimization in a South Indian population. Pharmacogenomics, 2012, 13, 869-878.	0.6	15
34	Molecular insights into the association of obesity with breast cancer risk: relevance to xenobiotic metabolism and CpG island methylation of tumor suppressor genes. Molecular and Cellular Biochemistry, 2014, 392, 273-280.	1.4	15
35	Population-level diversity in the association of genetic polymorphisms of one-carbon metabolism with breast cancer risk. Journal of Community Genetics, 2016, 7, 279-290.	0.5	15
36	Machine learning algorithm-based risk prediction model of coronary artery disease. Molecular Biology Reports, 2018, 45, 901-910.	1.0	15

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37	GCPII modulates oxidative stress and prostate cancer susceptibility through changes in methylation of RASSF1, BNIP3, GSTP1 and Ec-SOD. Molecular Biology Reports, 2013, 40, 5541-5550.	1.0	14
38	Scriptaid cause histone deacetylase inhibition and cell cycle arrest in HeLa cancer cells: A study on structural and functional aspects. Gene, 2017, 627, 379-386.	1.0	14
39	Molecular diagnosis of asparagine synthetase (ASNS) deficiency in two Indian families and literature review of 29 ASNS deficient cases. Gene, 2019, 704, 97-102.	1.0	14
40	Bcl-2/adenovirus E1B 19ÂkDa-interacting protein 3 (BNIP3) expression is epigenetically regulated by one-carbon metabolism in invasive duct cell carcinoma of breast. Molecular and Cellular Biochemistry, 2012, 361, 189-195.	1.4	13
41	Classification and regression tree-based prediction of 6-mercaptopurine-induced leucopenia grades in children with acute lymphoblastic leukemia. Cancer Chemotherapy and Pharmacology, 2019, 83, 875-880.	1.1	13
42	Evaluation of total plasma homocysteine in Indian newborns using heel-prick samples. Indian Journal of Pediatrics, 2006, 73, 503-508.	0.3	12
43	Microarray-based SNP genotyping to identify genetic risk factors of triple-negative breast cancer (TNBC) in South Indian population. Molecular and Cellular Biochemistry, 2018, 442, 1-10.	1.4	12
44	Association of vitamin D receptor TaqI and ApaI genetic polymorphisms with nephrolithiasis and end stage renal disease: a meta-analysis. BMC Medical Genetics, 2019, 20, 193.	2.1	12
45	Targeted exome sequencing for the identification of complementation groups in methylmalonic aciduria: A south Indian experience. Clinical Biochemistry, 2017, 50, 68-72.	0.8	11
46	Recipient ABCB1, donor and recipient CYP3A5 genotypes influence tacrolimus pharmacokinetics in liver transplant cases. Pharmacological Reports, 2019, 71, 385-392.	1.5	11
47	Evaluation of Galectin-3 as a Novel Diagnostic Biomarker in Patients with Heart Failure with Preserved Ejection Fraction. Journal of Laboratory Physicians, 2020, 12, 126-132.	0.4	11
48	Association of Thymidylate Synthase 5'-UTR 28bp Tandem Repeat and Serine Hydroxymethyltransfarase C1420T Polymorphisms with Susceptibility to Acute Leukemia. Asian Pacific Journal of Cancer Prevention, 2014, 15, 1719-1723.	0.5	11
49	Modulatory effect of plasma folate and polymorphisms in one-carbon metabolism on catecholamine methyltransferase (COMT) H108L associated oxidative DNA damage and breast cancer risk. Indian Journal of Biochemistry and Biophysics, 2011, 48, 283-9.	0.2	11
50	Biochemical, machine learning and molecular approaches for the differential diagnosis of Mucopolysaccharidoses. Molecular and Cellular Biochemistry, 2019, 458, 27-37.	1.4	10
51	Incense smoke exposure augments systemic oxidative stress, inflammation and endothelial dysfunction in male albino rats. Toxicology Mechanisms and Methods, 2019, 29, 211-218.	1.3	10
52	Application of machine learning algorithms for the differential diagnosis of peroxisomal disorders. Journal of Biochemistry, 2019, 165, 67-73.	0.9	10
53	Impact of COMT H108L, MAOB int 13 A>G and DRD2 haplotype on the susceptibility to Parkinson's disease in South Indian subjects. Indian Journal of Biochemistry and Biophysics, 2013, 50, 436-41.	0.2	10
54	Association of glutamate carboxypeptidase II (GCPII) haplotypes with breast and prostate cancer risk. Gene, 2013, 516, 76-81.	1.0	9

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55	Role of CYP1A1 haplotypes in modulating susceptibility to coronary artery disease. Indian Journal of Biochemistry and Biophysics, 2012, 49, 349-55.	0.2	9
56	Association of genetic variants of xenobiotic metabolic pathway with systemic lupus erythematosus. Indian Journal of Biochemistry and Biophysics, 2013, 50, 447-52.	0.2	9
57	Adaptive developmental plasticity in methylene tetrahydrofolate reductase (MTHFR) C677T polymorphism limits its frequency in South Indians. Molecular Biology Reports, 2014, 41, 3045-3050.	1.0	8
58	Newborn screening and single nucleotide variation profiling of TSHR, TPO, TG and DUOX2 candidate genes for congenital hypothyroidism. Molecular Biology Reports, 2020, 47, 7467-7475.	1.0	8
59	Pharmacogenetic profiling of dihydropyrimidine dehydrogenase (DPYD) variants in the Indian population. Journal of Gene Medicine, 2021, 23, e3289.	1.4	8
60	Sexual dimorphism in xenobiotic genetic variants-mediated risk for Parkinsonâ€™s disease. Neurological Sciences, 2014, 35, 897-903.	0.9	7
61	Acute Gaucher Disease-Like Condition in an Indian Infant with a Novel Biallelic Mutation in the Prosaposin Gene. Journal of Pediatric Genetics, 2019, 08, 081-085.	0.3	7
62	Clinical Characteristics, Molecular Profile, and Outcomes in Indian Patients with Glutaric Aciduria Type 1. Journal of Pediatric Genetics, 2021, 10, 213-221.	0.3	7
63	Methodological issues in the development of a pharmacogenomic algorithm for warfarin dosing: comparison of two regression approaches. Pharmacogenomics, 2014, 15, 1125-1132.	0.6	6
64	Whole exome sequencing of breast cancer (TNBC) cases from India: association of MSH6 and BRIP1 variants with TNBC risk and oxidative DNA damage. Molecular Biology Reports, 2018, 45, 1413-1419.	1.0	6
65	Probing the epigenetic signatures in subjects with coronary artery disease. Molecular Biology Reports, 2020, 47, 6693-6703.	1.0	6
66	Meta-analysis of genetic polymorphisms in xenobiotic metabolizing enzymes and their association with breast cancer risk. Journal of Genetics, 2018, 97, 523-537.	0.4	6
67	Application of adaptive neuro-fuzzy inference systems (ANFIS) to delineate estradiol, glutathione and homocysteine interactions. Clinical Nutrition ESPEN, 2017, 20, 41-46.	0.5	5
68	SLC25A13 c.1610_1612delinsAT mutation in an Indian patient and literature review of 79 cases of citrin deficiency for genotype-phenotype associations. Gene, 2018, 668, 190-195.	1.0	5
69	Pharmacogenetic determinants of thiopurines in an Indian cohort. Pharmacological Reports, 2021, 73, 278-287.	1.5	5
70	Pharmacogenetic determinants of warfarin in the Indian population. Pharmacological Reports, 2021, 73, 1396-1404.	1.5	5
71	Application of Various Statistical Models to Explore Geneâ€“Gene Interactions in Folate, Xenobiotic, Toll-Like Receptor and STAT4 Pathways that Modulate Susceptibility to Systemic Lupus Erythematosus. Molecular Diagnosis and Therapy, 2016, 20, 83-95.	1.6	4
72	The rs1991517 polymorphism is a genetic risk factor for congenital hypothyroidism. 3 Biotech, 2020, 10, 285.	1.1	4

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73	Identification and in Silico characterization of a novel CASK c.2546T>C (p.V849A) mutation in a male infant with pontocerebellar hypoplasia. Annals of Indian Academy of Neurology, 2019, 22, 523.	0.2	4
74	Association of estrogen receptor 1 (ESR1) haplotypes with risk for systemic lupus erythematosus among South Indians. Indian Journal of Experimental Biology, 2015, 53, 714-8.	0.5	4
75	Mechanistic insights into the effect of CYP2C9*2 and CYP2C9*3 variants on the 7-hydroxylation of warfarin. Pharmacogenomics, 2015, 16, 393-400.	0.6	3
76	Development of neuro-fuzzy model to explore geneâ€“nutrient interactions modulating warfarin dose requirement. Pharmacogenomics, 2016, 17, 1315-1325.	0.6	3
77	In silico analysis of the structural and functional implications of SLC19A1 R27H polymorphism. Journal of Genetics, 2019, 98, 1.	0.4	3
78	Artificial neural network and bioavailability of the immunosuppression drug. Current Opinion in Organ Transplantation, 2020, Publish Ahead of Print, 435-441.	0.8	3
79	Influence of RFC1 c.80A>G Polymorphism on Methotrexate-Mediated Toxicity and Therapeutic Efficacy in Rheumatoid Arthritis: A Meta-analysis. Annals of Pharmacotherapy, 2021, 55, 1429-1438.	0.9	3
80	Multifactor dimensionality reduction analysis to elucidate the cross-talk between one-carbon and xenobiotic metabolic pathways in multi-disease models. Molecular Biology Reports, 2015, 42, 1211-1224.	1.0	2
81	Clinical utility of genetic variants of glutamate carboxypeptidase II in predicting breast cancer and prostate cancer risk. Cancer Genetics, 2015, 208, 552-558.	0.2	2
82	In silico approaches to identify the potential inhibitors of glutamate carboxypeptidase II (GCPII) for neuroprotection. Journal of Theoretical Biology, 2016, 406, 137-142.	0.8	2
83	Mechanistic insights into the CYP2C19 genetic variants prevalent in the Indian population. Gene, 2021, 784, 145592.	1.0	2
84	Impact of Genetic and Epigenetic Factors on the Oxidative Stress in Cardiovascular Disease. , 2019, , 107-128.		2
85	Glutamate carboxypeptidase II (GCPII) genetic variants as determinants of hyperhomocysteinemia: implications in stroke susceptibility. Indian Journal of Biochemistry and Biophysics, 2012, 49, 356-62.	0.2	2
86	Impact of age, gender and haplotypes of thiopurine methyltransferase (TPMT) and inosine triphosphate pyrophosphatase (ITPA) genes on 6-mercaptopurine toxicity in children with acute lymphoblastic leukemia. European Journal of Clinical Pharmacology, 2012, 68, 885-886.	0.8	1
87	Comparative analysis of four disease prediction models of Parkinsonâ€™s disease. Molecular and Cellular Biochemistry, 2016, 411, 127-134.	1.4	1
88	Neuro-fuzzy model of homocysteine metabolism. Journal of Genetics, 2017, 96, 919-926.	0.4	1
89	Utility of amniotic fluid chitotriosidase in the prenatal diagnosis of lysosomal storage disorders. Clinical Biochemistry, 2018, 61, 40-44.	0.8	1
90	Adaptive Neuro-Fuzzy Inference System-Based Exploration of the Interrelationships of 25-Hydroxyvitamin D, Calcium, Phosphorus with Parathyroid Hormone Production. Indian Journal of Clinical Biochemistry, 2020, 35, 121-126.	0.9	1

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91	A pilot study on machine learning approach to delineate metabolic signatures in intellectual disability. International Journal of Developmental Disabilities, 2021, 67, 94-100.	1.3	1
92	Alpha synuclein (SNCA) rs7684318 variant contributes to Parkinsonâ€™s disease risk by altering transcription factor binding related with Notch and Wnt signaling. Neuroscience Letters, 2021, 750, 135802.	1.0	1
93	Molecular insights into the role of genetic determinants of congenital hypothyroidism. Genomics and Informatics, 2021, 19, e29.	0.4	1
94	Insights into the Association of Vitamin D Deficiency with Parathyroid Hormone Levels with Relevance to Renal Function and Insulin Resistance. Current Nutrition and Food Science, 2019, 15, 196-200.	0.3	1
95	Study of Glycation of Transferrin and its Effect on Biomarkers of Iron Status in Uncontrolled Diabetes Mellitus Patients. Journal of Clinical and Diagnostic Research JCDR, 0, , .	0.8	1
96	Genetic Basis Linking Variants for Diabetes and Obesity with Breast Cancer. , 2016, , 313-318.		0
97	Identification of Two Novel Mutations in Aminomethyltransferase Gene in Cases of Glycine Encephalopathy. Journal of Pediatric Genetics, 2018, 07, 097-102.	0.3	0
98	1q42.12q42.2 Deletion in a Child with Midline Defects and Hypoplasia of the Corpus Callosum. Molecular Syndromology, 2019, 10, 161-166.	0.3	0
99	Stem Cell Therapy in Premature Ovarian Failure. , 2014, , 265-271.		0
100	17. Genetic variants of folate metabolic pathways in hematological toxicity of leukemia patients. Human Health Handbooks, 2016, , 291-302.	0.1	0
101	Correlation between Total Plasma Homocysteine Levels and Oxidative DNA Damage in Healthy Indian Adults. Journal of Clinical and Diagnostic Research JCDR, 0, , .	0.8	0
102	Systems Biology and Bioinformatics Insights into the Role of Free Radical-Mediated Oxidative Damage in the Pathophysiology of Cancer. , 2022, , 2339-2348.		0
103	analysis of the structural and functional implications of R27H polymorphism. Journal of Genetics, 2019, 98, .	0.4	0