

Padmalatha Rai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1033359/publications.pdf>

Version: 2024-02-01

33
papers

400
citations

759055

12
h-index

839398

18
g-index

34
all docs

34
docs citations

34
times ranked

650
citing authors

#	ARTICLE	IF	CITATIONS
1	Population Specific Impact of Genetic Variants in KCNJ11 Gene to Type 2 Diabetes: A Case-Control and Meta-Analysis Study. PLoS ONE, 2014, 9, e107021.	1.1	38
2	Implications of critical PPAR β , ADIPOQ and FTO gene polymorphisms in type 2 diabetes and obesity-mediated susceptibility to type 2 diabetes in an Indian population. Molecular Genetics and Genomics, 2016, 291, 193-204.	1.0	32
3	DNA barcoding of authentic and substitute samples of herb of the family Asparagaceae and Asclepiadaceae based on the ITS2 region. Journal of Ayurveda and Integrative Medicine, 2012, 3, 136.	0.9	27
4	Replication and Relevance of Multiple Susceptibility Loci Discovered from Genome Wide Association Studies for Type 2 Diabetes in an Indian Population. PLoS ONE, 2016, 11, e0157364.	1.1	25
5	SNPs in Sites for DNA Methylation, Transcription Factor Binding, and miRNA Targets Leading to Allele-Specific Gene Expression and Contributing to Complex Disease Risk: A Systematic Review. Public Health Genomics, 2020, 23, 155-170.	0.6	23
6	Genetic association of KCNJ10 rs1130183 with seizure susceptibility and computational analysis of deleterious non-synonymous SNPs of KCNJ10 gene. Gene, 2014, 536, 247-253.	1.0	22
7	Review on bisphenol A and the risk of polycystic ovarian syndrome: an insight from endocrine and gene expression. Environmental Science and Pollution Research, 2022, 29, 32631-32650.	2.7	19
8	Untargeted metabolomics and DNA barcoding for discrimination of Phyllanthus species. Journal of Ethnopharmacology, 2021, 273, 113928.	2.0	17
9	Genetic variation in genes involved in folate and drug metabolism in a south Indian population. Indian Journal of Human Genetics, 2011, 17, 48.	0.7	15
10	Coding SNPs in hsa-miR-1343-3p and hsa-miR-6783-3p target sites of CYP2C19 modulates clopidogrel response in individuals with cardiovascular diseases. Life Sciences, 2020, 245, 117364.	2.0	15
11	Association of HSD11B1 gene polymorphisms with type 2 diabetes and metabolic syndrome in South Indian population. Diabetes Research and Clinical Practice, 2017, 131, 142-148.	1.1	14
12	Implication of critical pharmacokinetic gene variants on therapeutic response to metformin in Type 2 diabetes. Pharmacogenomics, 2018, 19, 905-911.	0.6	13
13	Conceptualization of functional single nucleotide polymorphisms of polycystic ovarian syndrome genes: an in silico approach. Journal of Endocrinological Investigation, 2021, 44, 1783-1793.	1.8	13
14	Pharmacogenomic considerations for repurposing of dexamethasone as a potential drug against SARS-CoV-2 infection. Personalized Medicine, 2021, 18, 389-398.	0.8	13
15	Significance of 5,10-methylenetetrahydrofolate reductase gene variants in acute lymphoblastic leukemia in Indian population: an experimental, computational and meta-analysis. Leukemia and Lymphoma, 2015, 56, 1450-1459.	0.6	12
16	Aberrant DNA methylation and miRNAs in coronary artery diseases and stroke: a systematic review. Briefings in Functional Genomics, 2020, 19, 259-285.	1.3	12
17	DNA demethylation overcomes attenuation of colchicine biosynthesis in an endophytic fungus Diaporthe. Journal of Biotechnology, 2020, 323, 33-41.	1.9	9
18	Intra-individual somatic variations in MTHFR gene polymorphisms in relation to colon cancer. Pharmacogenomics, 2014, 15, 349-359.	0.6	8

#	ARTICLE	IF	CITATIONS
19	Dendrobium protoplast co-culture promotes phytochemical assemblage in vitro. <i>Protoplasma</i> , 2017, 254, 1517-1528.	1.0	8
20	CpG-SNP site methylation regulates allele-specific expression of MTHFD1 gene in type 2 diabetes. <i>Laboratory Investigation</i> , 2020, 100, 1090-1101.	1.7	8
21	Cytotoxicity and radiosensitizing potency of Moscatilin in cancer cells at low radiation doses of X-ray and UV-C. <i>3 Biotech</i> , 2021, 11, 281.	1.1	8
22	Current analytical technologies and bioinformatic resources for plant metabolomics data. <i>Plant Biotechnology Reports</i> , 2021, 15, 561-572.	0.9	8
23	In vitro bioproduction and enhancement of moscatilin from a threatened tropical epiphytic orchid, <i>Dendrobium ovatum</i> (Willd.) Kraenzl. <i>3 Biotech</i> , 2021, 11, 507.	1.1	7
24	Association of HSD11B1 rs12086634 and HSD11B1 rs846910 gene polymorphisms with polycystic ovary syndrome in South Indian women. <i>International Journal of Diabetes in Developing Countries</i> , 2018, 38, 381-386.	0.3	6
25	In silico characterization of functional single nucleotide polymorphisms of folate pathway genes. <i>Annals of Human Genetics</i> , 2018, 82, 186-199.	0.3	6
26	Genetic Variants Identified from GWAS for Predisposition to Type 2 Diabetes Predict Sulfonylurea Drug Response. <i>Current Molecular Medicine</i> , 2018, 17, 580-586.	0.6	4
27	Phytochemical Screening and Bioactivity Studies of Endophytes <i>Cladosporium</i> sp. Isolated from the Endangered Plant <i>Vateria Indica</i> Using In Silico and In Vitro Analysis. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 4546-4569.	1.4	4
28	Effect of licorice on patients with HSD11B1 gene polymorphisms- a pilot study. <i>Journal of Ayurveda and Integrative Medicine</i> , 2021, 12, 131-135.	0.9	3
29	Omics technologies in personalized combination therapy for cardiovascular diseases: challenges and opportunities. <i>Personalized Medicine</i> , 2021, 18, 595-611.	0.8	3
30	Acute lymphoblastic leukemia and genetic variations in BHMT gene: Case-control study and computational characterization. <i>Cancer Biomarkers</i> , 2017, 19, 393-401.	0.8	3
31	1-CMDb: A Curated Database of Genomic Variations of the One-Carbon Metabolism Pathway. <i>Public Health Genomics</i> , 2017, 20, 136-141.	0.6	2
32	Cell size: a key determinant of meristematic potential in plant protoplasts. <i>ABIOTECH</i> , 2021, 2, 96-104.	1.8	2
33	MirSNPs in clopidogrel metabolism genes predict cardiovascular disease risk: a case-control study and meta-analysis. <i>Pharmacogenomics</i> , 2021, 22, 99-113.	0.6	1