

Padmalatha Rai

List of Publications by Year in descending order

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33
papers

400
citations

758635

12
h-index

839053

18
g-index

34
all docs

34
docs citations

34
times ranked

650
citing authors

#	ARTICLE	IF	CITATIONS
1	Review on bisphenol A and the risk of polycystic ovarian syndrome: an insight from endocrine and gene expression. <i>Environmental Science and Pollution Research</i> , 2022, 29, 32631-32650.	2.7	19
2	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
3	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
4	MirSNPs in clopidogrel metabolism genes predict cardiovascular disease risk: a caseâ€“control study and meta-analysis. <i>Pharmacogenomics</i> , 2021, 22, 99-113.	0.6	1
5	Conceptualization of functional single nucleotide polymorphisms of polycystic ovarian syndrome genes: an in silico approach. <i>Journal of Endocrinological Investigation</i> , 2021, 44, 1783-1793.	1.8	13
6	Cell size: a key determinant of meristematic potential in plant protoplasts. <i>ABIOTECH</i> , 2021, 2, 96-104.	1.8	2
7	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
8	Untargeted metabolomics and DNA barcoding for discrimination of <i>Phyllanthus</i> species. <i>Journal of Ethnopharmacology</i> , 2021, 273, 113928.	2.0	17
9	Pharmacogenomic considerations for repurposing of dexamethasone as a potential drug against SARS-CoV-2 infection. <i>Personalized Medicine</i> , 2021, 18, 389-398.	0.8	13
10	Current analytical technologies and bioinformatic resources for plant metabolomics data. <i>Plant Biotechnology Reports</i> , 2021, 15, 561-572.	0.9	8
11	Omics technologies in personalized combination therapy for cardiovascular diseases: challenges and opportunities. <i>Personalized Medicine</i> , 2021, 18, 595-611.	0.8	3
12	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
13	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. <i>Public Health Genomics</i> , 2020, 23, 155-170.	0.6	23
14	DNA demethylation overcomes attenuation of colchicine biosynthesis in an endophytic fungus <i>Diaporthe</i> . <i>Journal of Biotechnology</i> , 2020, 323, 33-41.	1.9	9
15	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
16	Aberrant DNA methylation and miRNAs in coronary artery diseases and stroke: a systematic review. <i>Briefings in Functional Genomics</i> , 2020, 19, 259-285.	1.3	12
17	Coding SNPs in hsa-miR-1343-3p and hsa-miR-6783-3p target sites of CYP2C19 modulates clopidogrel response in individuals with cardiovascular diseases. <i>Life Sciences</i> , 2020, 245, 117364.	2.0	15
18	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

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19	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
20	Implication of critical pharmacokinetic gene variants on therapeutic response to metformin in Type 2 diabetes. <i>Pharmacogenomics</i> , 2018, 19, 905-911.	0.6	13
21	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
22	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
23	Association of HSD11B1 gene polymorphisms with type 2 diabetes and metabolic syndrome in South Indian population. <i>Diabetes Research and Clinical Practice</i> , 2017, 131, 142-148.	1.1	14
24	Dendrobium protoplast co-culture promotes phytochemical assemblage in vitro. <i>Protoplasma</i> , 2017, 254, 1517-1528.	1.0	8
25	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
26	Implications of critical PPAR γ 2, ADIPOQ and FTO gene polymorphisms in type 2 diabetes and obesity-mediated susceptibility to type 2 diabetes in an Indian population. <i>Molecular Genetics and Genomics</i> , 2016, 291, 193-204.	1.0	32
27	Replication and Relevance of Multiple Susceptibility Loci Discovered from Genome Wide Association Studies for Type 2 Diabetes in an Indian Population. <i>PLoS ONE</i> , 2016, 11, e0157364.	1.1	25
28	Significance of 5,10-methylenetetrahydrofolate reductase gene variants in acute lymphoblastic leukemia in Indian population: an experimental, computational and meta-analysis. <i>Leukemia and Lymphoma</i> , 2015, 56, 1450-1459.	0.6	12
29	Intraindividual somatic variations in <i>MTHFR</i> gene polymorphisms in relation to colon cancer. <i>Pharmacogenomics</i> , 2014, 15, 349-359.	0.6	8
30	Genetic association of KCNJ10 rs1130183 with seizure susceptibility and computational analysis of deleterious non-synonymous SNPs of KCNJ10 gene. <i>Gene</i> , 2014, 536, 247-253.	1.0	22
31	Population Specific Impact of Genetic Variants in KCNJ11 Gene to Type 2 Diabetes: A Case-Control and Meta-Analysis Study. <i>PLoS ONE</i> , 2014, 9, e107021.	1.1	38
32	DNA barcoding of authentic and substitute samples of herb of the family Asparagaceae and Asclepiadaceae based on the ITS2 region. <i>Journal of Ayurveda and Integrative Medicine</i> , 2012, 3, 136.	0.9	27
33	Genetic variation in genes involved in folate and drug metabolism in a south Indian population. <i>Indian Journal of Human Genetics</i> , 2011, 17, 48.	0.7	15