

Gayathree Karthikkeyan

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

208
citations

1305906

8
h-index

1255698

13
g-index

20
all docs

20
docs citations

20
times ranked

174
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolomics analysis highlights <i>Yashtimadhu</i> (<i>Glycyrrhiza glabra</i> L.) mediated neuroprotection in a rotenone-induced cellular model of Parkinson's disease by restoring the mTORC1-AMPK1 axis in autophagic regulation. <i>Phytotherapy Research</i> , 2022, 36, 2207-2222.	2.8	6
2	Metabolite profiling reveals overexpression of the global regulator, <i>MoLAEA</i> leads to increased synthesis of metabolites in <i>Magnaporthe oryzae</i> . <i>Journal of Applied Microbiology</i> , 2022, , .	1.4	1
3	Rifampicin-Mediated Metabolic Changes in <i>Mycobacterium tuberculosis</i> . <i>Metabolites</i> , 2022, 12, 493.	1.3	3
4	A complete map of the Calcium/calmodulin-dependent protein kinase kinase 2 (CAMKK2) signaling pathway. <i>Journal of Cell Communication and Signaling</i> , 2021, 15, 283-290.	1.8	25
5	A network map of endothelin mediated signaling pathway. <i>Journal of Cell Communication and Signaling</i> , 2021, 15, 277-282.	1.8	15
6	Differences in milk metabolites in Malnad Gidda (<i>Bos indicus</i>) cows reared under pasture-based feeding system. <i>Scientific Reports</i> , 2021, 11, 2831.	1.6	12
7	Prevention of MEK-ERK-1/2 hyper-activation underlines the neuroprotective effect of <i>Glycyrrhiza glabra</i> L. (<i>Yashtimadhu</i>) against rotenone-induced cellular and molecular aberrations. <i>Journal of Ethnopharmacology</i> , 2021, 274, 114025.	2.0	13
8	MS2Compound: A User-Friendly Compound Identification Tool for LC-MS/MS-Based Metabolomics Data. <i>OMICS A Journal of Integrative Biology</i> , 2021, 25, 389-399.	1.0	10
9	Deciphering metabolomic alterations in seminal plasma of crossbred (<i>Bos taurus</i> X <i>Bos indicus</i>) bulls through comparative deep metabolomic analysis. <i>Andrologia</i> , 2021, , e14253.	1.0	4
10	Preliminary comparative deep metabolomic analysis of spermatozoa from zebu and crossbred cattle suggests associations between metabolites, sperm quality and fertility. <i>Reproduction, Fertility and Development</i> , 2021, 33, 427.	0.1	7
11	Data on dose-dependent cytotoxicity of rotenone and neuroprotection conferred by <i>Yashtimadhu</i> (<i>Glycyrrhiza glabra</i> L.) in an in vitro Parkinson's disease model. <i>Data in Brief</i> , 2021, 39, 107535.	0.5	2
12	Deep Metabolomic Profiling Reveals Alterations in Fatty Acid Synthesis and Ketone Body Degradations in Spermatozoa and Seminal Plasma of Astheno-Oligozoospermic Bulls. <i>Frontiers in Veterinary Science</i> , 2021, 8, 755560.	0.9	2
13	Plant Omics: Metabolomics and Network Pharmacology of Liquorice, Indian Ayurvedic Medicine <i>Yashtimadhu</i> . <i>OMICS A Journal of Integrative Biology</i> , 2020, 24, 743-755.	1.0	10
14	Identification of Molecular Network Associated with Neuroprotective Effects of <i>Yashtimadhu</i> (<i>Glycyrrhiza glabra</i> L.) by Quantitative Proteomics of Rotenone-Induced Parkinson's Disease Model. <i>ACS Omega</i> , 2020, 5, 26611-26625.	1.6	22
15	Metabolomic fingerprinting of bull spermatozoa for identification of fertility signature metabolites. <i>Molecular Reproduction and Development</i> , 2020, 87, 692-703.	1.0	30
16	Biological Activity of 3, 3', 4', 5, 7-Pentahydroxyflavone Isolated from Green Leafy Vegetables of Karnataka on three Bacterial Strains. <i>Biomedical and Pharmacology Journal</i> , 2020, 13, 849-863.	0.2	0
17	Lowered Decorin With Aberrant Extracellular Matrix Remodeling in Aqueous Humor and Tenon's Tissue From Primary Glaucoma Patients. , 2019, 60, 4661.		19
18	Effect of brilliant Blue-G on cellular stress response in retinal pigment epithelial cells: In vitro. <i>Experimental Eye Research</i> , 2019, 181, 157-162.	1.2	2

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19	Hyperglycemia induced early growth response-1 regulates vascular dysfunction in human retinal endothelial cells. <i>Microvascular Research</i> , 2018, 117, 37-43.	1.1	21
20	Human Optic Nerve: An Enhanced Proteomic Expression Profile. <i>OMICS A Journal of Integrative Biology</i> , 2018, 22, 642-652.	1.0	4