Prashant Kumar Modi

List of Publications by Year
in descending order

33	466	858243 12	843174 20
papers	citations	h-index	g-index

33	33	33	638
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Temporal Quantitative Phosphoproteomics Profiling of Interleukin-33 Signaling Network Reveals Unique Modulators of Monocyte Activation. Cells, 2022, 11, 138.	1.8	4
2	Dissecting Plasmodium yoelii Pathobiology: Proteomic Approaches for Decoding Novel Translational and Post-Translational Modifications. ACS Omega, 2022, 7, 8246-8257.	1.6	2
3	Metabolomics analysis highlights Yashtimadhu (Glycyrrhiza glabra L.)â€‹mediated neuroprotection in a rotenoneâ€induced cellular model of Parkinson's disease by restoring the <scp>mTORC1â€AMPK1</scp> axis in autophagic regulation. Phytotherapy Research, 2022, 36, 2207-2222.	2.8	6
4	Tyrosine Phosphorylation Profiling Revealed the Signaling Network Characteristics of CAMKK2 in Gastric Adenocarcinoma. Frontiers in Genetics, 2022, 13, .	1.1	4
5	A complete map of the Calcium/calmodulin-dependent protein kinase kinase 2 (CAMKK2) signaling pathway. Journal of Cell Communication and Signaling, 2021, 15, 283-290.	1.8	25
6	A network map of endothelin mediated signaling pathway. Journal of Cell Communication and Signaling, 2021, 15, 277-282.	1.8	15
7	Molecular Profiling Associated with Calcium/Calmodulin-Dependent Protein Kinase Kinase 2 (CAMKK2)-Mediated Carcinogenesis in Gastric Cancer. Journal of Proteome Research, 2021, 20, 2687-2703.	1.8	18
8	The unique molecular targets associated antioxidant and antifibrotic activity of curcumin in in vitro model of acute lung injury: A proteomic approach. BioFactors, 2021, 47, 627-644.	2.6	3
9	Prevention of MEK-ERK-1/2 hyper-activation underlines the neuroprotective effect of Glycyrrhiza glabra L. (Yashtimadhu) against rotenone-induced cellular and molecular aberrations. Journal of Ethnopharmacology, 2021, 274, 114025.	2.0	13
10	Novel Post-Translational Modifications and Molecular Substrates in Glioma Identified by Bioinformatics. OMICS A Journal of Integrative Biology, 2021, 25, 463-473.	1.0	4
11	Broadening COVID-19 Interventions to Drug Innovation: Neprilysin Pathway as a Friend, Foe, or Promising Molecular Target?. OMICS A Journal of Integrative Biology, 2021, 25, 408-416.	1.0	5
12	Hyperactivation of MEK/ERK pathway by Ca²⁺/calmodulinâ€dependent protein kinase kinase 2Âpromotes cellular proliferation by activating cyclinâ€dependent kinasesÂand minichromosome maintenance proteinÂin gastric cancer cells. Molecular Carcinogenesis, 2021, 60, 769-783.	1.3	15
13	Deciphering metabolomic alterations in seminal plasma of crossbred (Bos taurus X Bos indicus) bulls through comparative deep metabolomic analysis. Andrologia, 2021, , e14253.	1.0	4
14	Preliminary comparative deep metabolomic analysis of spermatozoa from zebu and crossbred cattle suggests associations between metabolites, sperm quality and fertility. Reproduction, Fertility and Development, 2021, 33, 427.	0.1	7
15	Data on dose-dependent cytotoxicity of rotenone and neuroprotection conferred by Yashtimadhu (Glycyrrhiza glabra L.) in an in vitro Parkinson's disease model. Data in Brief, 2021, 39, 107535.	0.5	2
16	Deep Metabolomic Profiling Reveals Alterations in Fatty Acid Synthesis and Ketone Body Degradations in Spermatozoa and Seminal Plasma of Astheno-Oligozoospermic Bulls. Frontiers in Veterinary Science, 2021, 8, 755560.	0.9	2
17	Inhibition of bone morphogenetic proteins signaling suppresses metastasis melanoma: a proteomics approach. American Journal of Translational Research (discontinued), 2021, 13, 11081-11093.	0.0	1
18	Plant Omics: Metabolomics and Network Pharmacology of Liquorice, Indian Ayurvedic Medicine Yashtimadhu. OMICS A Journal of Integrative Biology, 2020, 24, 743-755.	1.0	10

#	Article	IF	Citations
19	Identification of Molecular Network Associated with Neuroprotective Effects of Yashtimadhu (Glycyrrhiza glabra L.) by Quantitative Proteomics of Rotenone-Induced Parkinsonâ€™s Disease Model. ACS Omega, 2020, 5, 26611-26625.	1.6	22
20	Molecular Targets from Traditional Medicines for Neuroprotection in Human Neurodegenerative Diseases. OMICS A Journal of Integrative Biology, 2020, 24, 394-403.	1.0	6
21	Metabolomic fingerprinting of bull spermatozoa for identification of fertility signature metabolites. Molecular Reproduction and Development, 2020, 87, 692-703.	1.0	30
22	Aberrant activation of neuronal cell cycle caused by dysregulation of ubiquitin ligase Itch results in neurodegeneration. Cell Death and Disease, 2020, 11, 441.	2.7	18
23	Proteomics Analysis Revealed the Importance of Inflammation-Mediated Downstream Pathways and the Protective Role of Curcumin in Bleomycin-Induced Pulmonary Fibrosis in C57BL/6 Mice. Journal of Proteome Research, 2020, 19, 2950-2963.	1.8	12
24	Antioxidant Activity and Role of Culture Condition in the Optimization of Red Pigment Production by Talaromyces purpureogenus KKP Through Response Surface Methodology. Current Microbiology, 2020, 77, 1780-1789.	1.0	18
25	CusVarDB: A tool for building customized sample-specific variant protein database from next-generation sequencing datasets. F1000Research, 2020, 9, 344.	0.8	0
26	Dissecting Alzheimer's Disease Molecular Substrates by Proteomics and Discovery of Novel Post-translational Modifications. OMICS A Journal of Integrative Biology, 2019, 23, 350-361.	1.0	12
27	Effect of calcium glucoheptonate on proliferation and osteogenesis of osteoblast-like cells in vitro. PLoS ONE, 2019, 14, e0222240.	1.1	20
28	Curcumin Suppresses the Alveolar Inflammation and Modulates the p53-Fibrinolytic System and Epithelial to Mesenchymal Transition During Lung Injury and Fibrosis In Vitro and In Vivo. , 2019, , .		0
29	The 5-Hydroxytryptamine signaling map: an overview of serotonin-serotonin receptor mediated signaling network. Journal of Cell Communication and Signaling, 2018, 12, 731-735.	1.8	30
30	Regulation of Neuronal Cell Cycle and Apoptosis by MicroRNA 34a. Molecular and Cellular Biology, 2016, 36, 84-94.	1.1	50
31	Interplay between MEK-ERK signaling, cyclin D1, and cyclin-dependent kinase 5 regulates cell cycle reentry and apoptosis of neurons. Molecular Biology of the Cell, 2012, 23, 3722-3730.	0.9	94
32	Age-dependent Expression of S100Î² in the Brain of Mice. Cellular and Molecular Neurobiology, 2010, 30, 709-716.	1.7	13
33	CusVarDB: A tool for building customized sample-specific variant protein database from next-generation sequencing datasets. F1000Research, 0, 9, 344.	0.8	1