Pankaj Barah

List of Publications by Year
in descending order

25	1,119	933447 10	752698 20
papers	citations	h-index	g-index

29	29	29	2170
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transcriptome Responses to Combinations of Stresses in Arabidopsis Â Â. Plant Physiology, 2013, 161, 1783-1794.	4.8	478
2	Evolutionary Trajectories of IDHWT Glioblastomas Reveal a Common Path of Early Tumorigenesis Instigated Years ahead of Initial Diagnosis. Cancer Cell, 2019, 35, 692-704.e12.	16.8	172
3	Genome-scale cold stress response regulatory networks in ten Arabidopsis thalianaecotypes. BMC Genomics, 2013, 14, 722.	2.8	73
4	Molecular Signatures in Arabidopsis thaliana in Response to Insect Attack and Bacterial Infection. PLoS ONE, 2013, 8, e58987.	2.5	67
5	Transcriptional regulatory networks inArabidopsis thalianaduring single and combined stresses. Nucleic Acids Research, 2016, 44, 3147-3164.	14.5	62
6	Multidimensional approaches for studying plant defence against insects: from ecology to omics and synthetic biology. Journal of Experimental Botany, 2015, 66, 479-493.	4.8	60
7	Comparison of Methods for Differential Co-expression Analysis for Disease Biomarker Prediction. Computers in Biology and Medicine, 2019, 113, 103380.	7.0	57
8	Genome scale transcriptional response diversity among ten ecotypes of Arabidopsis thaliana during heat stress. Frontiers in Plant Science, 2013, 4, 532.	3.6	43
9	Analysis of protein folds using protein contact networks. Pramana - Journal of Physics, 2008, 71, 369-378.	1.8	24
10	Integrative Approaches to Understand the Mastery in Manipulation of Host Cytokine Networks by Protozoan Parasites with Emphasis on Plasmodium and Leishmania Species. Frontiers in Immunology, 2018, 9, 296.	4.8	13
11	Temperature differentially modulates the transcriptome response in Oryza sativa to Xanthomonas oryzae pv. oryzae infection. Genomics, 2020, 112, 4842-4852.	2.9	11
12	Systems Biology: A Promising Tool to Study Abiotic Stress Responses. , 2011, , 163-172.		10
13	Arginylation regulates adipogenesis by regulating expression of PPARÎ³ at transcript and protein level. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2019, 1864, 596-607.	2.4	9
14	Integrative network analysis identifies differential regulation of neuroimmune system in Schizophrenia and Bipolar disorder. Brain, Behavior, & Immunity - Health, 2020, 2, 100023.	2.5	9
15	Systems Biology: A Promising Tool to Study Abiotic Stress Responses. , 2011, , 163-172.		6
16	Identifying Signal-Crosstalk Mechanism in Maize Plants during Combined Salinity and Boron Stress Using Integrative Systems Biology Approaches. BioMed Research International, 2022, 2022, 1-17.	1.9	6
17	Time-course transcriptome analysis identifies rewiring patterns of transcriptional regulatory networks in rice under Rhizoctonia solani infection. Gene, 2022, 828, 146468.	2.2	5
18	Identification of Systems Level Molecular Signatures from Glioblastoma Multiforme Derived Extracellular Vesicles. Journal of Molecular Neuroscience, 2021, 71, 1156-1167.	2.3	4

#	Article	IF	Citations
19	Identifying critical genes in esophageal squamous cell carcinoma using an ensemble approach. Informatics in Medicine Unlocked, 2020, 18, 100277.	3.4	3
20	An Integrative Systems Biology Approach Identifies Molecular Signatures Associated with Gallbladder Cancer Pathogenesis. Journal of Clinical Medicine, 2021, 10, 3520.	2.4	3
21	Endangered species damned by dams. Nature, 2014, 515, 37-37.	27.8	1
22	SNMRS: An advanced measure for Co-expression network analysis. Computers in Biology and Medicine, 2022, 143, 105222.	7.0	1
23	Identification of potential Parkinsonâ€™s disease biomarkers using computational biology approaches. Network Modeling Analysis in Health Informatics and Bioinformatics, 2021, 10, 1.	2.1	0
24	Transcriptomic data of MCF-7 breast cancer cells treated with G1, a G-protein coupled estrogen receptor (GPER) agonist. Data in Brief, 2022, 41, 107948.	1.0	0
25	Integrative network-based approaches identified systems-level molecular signatures associated with gallbladder cancer pathogenesis from gallstone diseases. Journal of Biosciences, 2022, 47, .	1.1	0