

George V Popescu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6023114/publications.pdf>

Version: 2024-02-01

39
papers

1,355
citations

840776

11
h-index

642732

23
g-index

42
all docs

42
docs citations

42
times ranked

2139
citing authors

#	ARTICLE	IF	CITATIONS
1	MAPK target networks in <i>Arabidopsis thaliana</i> revealed using functional protein microarrays. <i>Genes and Development</i> , 2009, 23, 80-92.	5.9	438
2	Differential binding of calmodulin-related proteins to their targets revealed through high-density <i>Arabidopsis</i> protein microarrays. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4730-4735.	7.1	369
3	High-resolution mapping of DNA copy alterations in human chromosome 22 using high-density tiling oligonucleotide arrays. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 4534-4539.	7.1	125
4	<i>Arabidopsis</i> RTNLB1 and RTNLB2 Reticulon-Like Proteins Regulate Intracellular Trafficking and Activity of the FLS2 Immune Receptor. <i>Plant Cell</i> , 2011, 23, 3374-3391.	6.6	76
5	ABC transporter PEN3/PDR8/ABCG36 interacts with calmodulin that, like PEN3, is required for <i>Arabidopsis</i> nonhost resistance. <i>New Phytologist</i> , 2016, 209, 294-306.	7.3	67
6	The <i>Arabidopsis</i> oligopeptidases TOP1 and TOP2 are salicylic acid targets that modulate SA-mediated signaling and the immune response. <i>Plant Journal</i> , 2013, 76, 603-614.	5.7	41
7	The Tomato Kinome and the Tomato Kinase Library ORFeome: Novel Resources for the Study of Kinases and Signal Transduction in Tomato and <i>Solanaceae</i> Species. <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 7-17.	2.6	30
8	Proteome-Wide Analysis of Cysteine Reactivity during Effector-Triggered Immunity. <i>Plant Physiology</i> , 2019, 179, 1248-1264.	4.8	26
9	Insights into the Structure, Function, and Ion-Mediated Signaling Pathways Transduced by Plant Integrin-Linked Kinases. <i>Frontiers in Plant Science</i> , 2017, 8, 376.	3.6	21
10	Evaluation of linear models and missing value imputation for the analysis of peptide-centric proteomics. <i>BMC Bioinformatics</i> , 2019, 20, 102.	2.6	16
11	An architecture for QoS data replication in network virtual environments. , 0, , .		15
12	Integrated analysis of co-expressed MAP kinase substrates in <i>Arabidopsis thaliana</i> . <i>Plant Signaling and Behavior</i> , 2009, 4, 524-527.	2.4	13
13	Proteomics and Proteogenomics Analysis of Sweetpotato (<i>Ipomoea batatas</i>) Leaf and Root. <i>Journal of Proteome Research</i> , 2019, 18, 2719-2734.	3.7	13
14	Dimerization and thiol sensitivity of the salicylic acid binding thimet oligopeptidases TOP1 and TOP2 define their functions in redox-sensitive cellular pathways. <i>Frontiers in Plant Science</i> , 2015, 6, 327.	3.6	12
15	Stateless Application-Level Multicast for Dynamic Group Communication. , 0, , .		10
16	Integrative network-centric approach reveals signaling pathways associated with plant resistance and susceptibility to <i>Pseudomonas syringae</i> . <i>PLoS Biology</i> , 2018, 16, e2005956.	5.6	10
17	Unresonant interaction of laser beams with microdroplets. <i>Journal of the European Optical Society-Rapid Publications</i> , 0, 7, .	1.9	9
18	Scalable and efficient update dissemination for distributed interactive applications. , 0, , .		8

#	ARTICLE	IF	CITATIONS
19	Big Data in Plant Science: Resources and Data Mining Tools for Plant Genomics and Proteomics. <i>Methods in Molecular Biology</i> , 2016, 1415, 533-547.	0.9	8
20	Experimental and Analytical Approaches to Characterize Plant Kinases Using Protein Microarrays. <i>Methods in Molecular Biology</i> , 2014, 1171, 217-235.	0.9	6
21	Distributed Simulation and the Grid: Position Statements. , 2004, , .		5
22	Multispecies genome-wide analysis defines the MAP3K gene family in <i>Gossypium hirsutum</i> and reveals conserved family expansions. <i>BMC Bioinformatics</i> , 2019, 20, 99.	2.6	5
23	<i>Arabidopsis thimet</i> oligopeptidases are redox-sensitive enzymes active in the local and systemic plant immune response. <i>Journal of Biological Chemistry</i> , 2021, 296, 100695.	3.4	5
24	A Nonoscillatory Second-Order Time-Stepping Procedure for Reaction-Diffusion Equations. <i>Complexity</i> , 2020, 2020, 1-15.	1.6	4
25	An MRF based motion detection algorithm implemented on analog resistive network. <i>Lecture Notes in Computer Science</i> , 1994, , 167-174.	1.3	4
26	NetSeekR: a network analysis pipeline for RNA-Seq time series data. <i>BMC Bioinformatics</i> , 2022, 23, 54.	2.6	4
27	Metagenomic Analyses of the Soybean Root Mycobiome and Microbiome Reveal Signatures of the Healthy and Diseased Plants Affected by Taproot Decline. <i>Microorganisms</i> , 2022, 10, 856.	3.6	4
28	Methods for Optimization of Protein Extraction and Proteogenomic Mapping in Sweet Potato. <i>Methods in Molecular Biology</i> , 2020, 2139, 309-324.	0.9	3
29	On scheduling 3D model transmission in network virtual environments. , 0, , .		2
30	Complexity and Modularity of MAPK Signaling Networks. , 2011, , 355-368.		2
31	Analog-resistive networks for motion detection. , 1995, , .		1
32	Preference-aware overlay topologies for group communication. , 2005, , .		1
33	Network overlays for efficient control of large scale dynamic groups. , 2006, , .		1
34	Optical spectrum behaviour of a coupled laser system under chaotic synchronization conditions. <i>Journal of the European Optical Society-Rapid Publications</i> , 0, 8, .	1.9	1
35	<title>Visual keyword-based word spotting in handwritten documents</title>. , 1998, 3305, 185.		0
36	Optical Spectrum Analysis of Chaotic Synchronization in a Bidirectional Coupled Semiconductor Laser System. , 2013, , 425-429.		0

#	ARTICLE	IF	CITATIONS
37	Role of an Abscisic Acid-Activated Protein Kinase in Drought Response in Soybean Revealed by RNA-Seq. FASEB Journal, 2017, 31, 770.4.	0.5	0
38	Complexity and Modularity of MAPK Signaling Networks. , 0, , 676-689.		0
39	Stable rotational symmetric schemes for nonlinear reaction-diffusion equations. Computers and Mathematics With Applications, 2022, 109, 191-203.	2.7	0