

James J Campanella

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,281
citations

623734

14
h-index

677142

22
g-index

25
all docs

25
docs citations

25
times ranked

1738
citing authors

#	ARTICLE	IF	CITATIONS
1	MatGAT: An application that generates similarity/identity matrices using protein or DNA sequences. BMC Bioinformatics, 2003, 4, 29.	2.6	744
2	The Auxin Conjugate Hydrolase Family of <i>Medicago truncatula</i> and Their Expression During the Interaction with Two Symbionts. Journal of Plant Growth Regulation, 2008, 27, 26-38.	5.1	88
3	A Novel Auxin Conjugate Hydrolase from Wheat with Substrate Specificity for Longer Side-Chain Auxin Amide Conjugates. Plant Physiology, 2004, 135, 2230-2240.	4.8	52
4	A phylogenetic examination of the primary anthocyanin production pathway of the Plantae. , 2014, 55, 10.		45
5	Interactions of <i>Microbotryum violaceum</i> (<i>ustilago violacea</i>) with its host plant <i>Silene alba</i> . Plant Science, 1991, 80, 157-165.	3.6	42
6	A Molecular Phylogenomic Analysis of the ILR1-Like Family of IAA Amidohydrolase Genes. Comparative and Functional Genomics, 2003, 4, 584-600.	2.0	40
7	Isolation and Characterization of Mutants of <i>Arabidopsis thaliana</i> with Increased Resistance to Growth Inhibition by Indoleacetic Acid-Amino Acid Conjugates. Plant Physiology, 1996, 112, 735-745.	4.8	35
8	The Intraspecific Phylogenetics of <i>Arabidopsis thaliana</i> in Worldwide Populations. Systematic Botany, 2000, 25, 47.	0.5	34
9	ILR1 and sILR1 IAA amidohydrolase homologs differ in expression pattern and substrate specificity. Plant Growth Regulation, 2003, 41, 215-223.	3.4	29
10	<i>Zostera marina</i> population genetics in Barnegat Bay, New Jersey, and implications for grass bed restoration. Population Ecology, 2010, 52, 181-190.	1.2	21
11	Population Structure of <i>Zostera marina</i> (Eelgrass) on the Western Atlantic Coast Is Characterized by Poor Connectivity and Inbreeding. Journal of Heredity, 2010, 101, 61-70.	2.4	20
12	A Phylogenomic Study of the Genus <i>Alphavirus</i> Employing Whole Genome Comparison. Comparative and Functional Genomics, 2005, 6, 217-227.	2.0	19
13	A minimally invasive method of piscine tissue collection and an analysis of long-term field-storage conditions for samples. BMC Genetics, 2006, 7, 32.	2.7	19
14	Molecular cloning and functional identification of a ribosome inactivating/antiviral protein from leaves of post-flowering stage of <i>Celosia cristata</i> and its expression in <i>E. coli</i> . Phytochemistry, 2006, 67, 2441-2449.	2.9	18
15	An analysis of the population genetics of restored <i>Zostera marina</i> plantings in Barnegat Bay, New Jersey. Population Ecology, 2013, 55, 121-133.	1.2	14
16	Isolation of an ILR1 auxin conjugate hydrolase homolog from <i>Arabidopsis suecica</i> . Plant Growth Regulation, 2003, 39, 175-181.	3.4	13
17	Truncation of <i>Medicago truncatula</i> Auxin Conjugate Hydrolases Alters Substrate Specificity. Plant Molecular Biology Reporter, 2011, 29, 745-752.	1.8	11
18	MOLECULAR GENETIC EVIDENCE SUGGESTS LONG ISLAND AS THE GEOGRAPHIC ORIGIN FOR THE PRESENT POPULATION OF BAY SCALLOPS IN BARNEGAT BAY, NEW JERSEY. Journal of Shellfish Research, 2007, 26, 303-306.	0.9	7

#	ARTICLE	IF	CITATIONS
19	Evidence for Exaptation of the Marchantia polymorpha M20D Peptidase MpILR1 into the Tracheophyte Auxin Regulatory Pathway. <i>Plant Physiology</i> , 2018, 177, 1595-1604.	4.8	7
20	Lingering Impacts of Hurricane Hugo on Rhizophora mangle (Red Mangrove) Population Genetics on St. John, USVI. <i>Diversity</i> , 2019, 11, 65.	1.7	7
21	Buccal swabbing and extraction of high quality sunfish (Lepomis) DNA for use in PCR analysis. <i>BioTechniques</i> , 2005, 38, 189-190.	1.8	6
22	Evidence for the Early Evolutionary Loss of the M20D Auxin Amidohydrolase Family from Mosses and Horizontal Gene Transfer from Soil Bacteria of Cryptic Hydrolase Orthologues to Physcomitrella patens. <i>Journal of Plant Growth Regulation</i> , 2019, 38, 1428-1438.	5.1	5
23	Clonal diversity and connectedness of turtle grass (<i>Thalassia testudinum</i>) populations in a UNESCO Biosphere Reserve. <i>Aquatic Botany</i> , 2015, 123, 76-82.	1.6	4
24	Examination of the M20D Auxin Conjugate Peptidase Family from Hornwort and Implications on the Evolution of the Tracheophytes. <i>Journal of Plant Growth Regulation</i> , 0, , 1.	5.1	0