David Gj Mann

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4353610/publications.pdf

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19	1,543	567281 15	794594 19
papers	citations	h-index	g-index

20	20	20	2134
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Use of an Automated Platform to Assemble Multigenic Constructs for Plant Transformation. Methods in Molecular Biology, 2019, 1864, 19-35.	0.9	6
2	Fieldâ€grown transgenic switchgrass (Panicum virgatum L.) with altered lignin does not affect soil chemistry, microbiology, and carbon storage potential. GCB Bioenergy, 2017, 9, 1100-1109.	5.6	20
3	Development and use of a switchgrass (Panicum virgatum L.) transformation pipeline by the BioEnergy Science Center to evaluate plants for reduced cell wall recalcitrance. Biotechnology for Biofuels, 2017, 10, 309.	6.2	26
4	Downregulation of a UDP-Arabinomutase Gene in Switchgrass (Panicum virgatum L.) Results in Increased Cell Wall Lignin While Reducing Arabinose-Glycans. Frontiers in Plant Science, 2016, 7, 1580.	3.6	20
5	Photosynthetic parameters of switchgrass (Panicum virgatum) under low radiation: Influence of stable overexpression of MiscanthusÂ—giganteus PPDK on responses to light and CO2 under warm and cool growing conditions. New Negatives in Plant Science, 2015, 1-2, 23-32.	0.9	4
6	Identification and overexpression of gibberellin 2â€oxidase (<scp>GA</scp>2ox) in switchgrass (<scp>P</scp>anicum virgatum L.) for improved plant architecture and reduced biomass recalcitrance. Plant Biotechnology Journal, 2015, 13, 636-647.	8.3	117
7	Ethanol and High-Value Terpene Co-Production from Lignocellulosic Biomass of Cymbopogon flexuosus and Cymbopogon martinii. PLoS ONE, 2015, 10, e0139195.	2.5	13
8	Twoâ€year field analysis of reduced recalcitrance transgenic switchgrass. Plant Biotechnology Journal, 2014, 12, 914-924.	8.3	104
9	Very bright orange fluorescent plants: endoplasmic reticulum targeting of orange fluorescent proteins as visual reporters in transgenic plants. BMC Biotechnology, 2012, 12, 17.	3.3	34
10	Functional characterization of the switchgrass (Panicum virgatum) R2R3â€MYB transcription factor PvMYB4 for improvement of lignocellulosic feedstocks. New Phytologist, 2012, 193, 121-136.	7.3	264
11	Gatewayâ€compatible vectors for highâ€throughput gene functional analysis in switchgrass (Panicum) Tj ETQq1 1 0.784314 rgBT /O	8.3	150
12	Overexpression of miR156 in switchgrass (Panicum virgatum L.) results in various morphological alterations and leads to improved biomass production. Plant Biotechnology Journal, 2012, 10, 443-452.	8.3	293
13	T4 RNA Ligase 2 truncated active site mutants: improved tools for RNA analysis. BMC Biotechnology, 2011, 11, 72.	3.3	49
14	Switchgrass (Panicum virgatum L.) polyubiquitin gene (PvUbi1 and PvUbi2) promoters for use in plant transformation. BMC Biotechnology, 2011, 11, 74.	3.3	69
15	An Improved Tissue Culture System for Embryogenic Callus Production and Plant Regeneration in Switchgrass (Panicum virgatum L.). Bioenergy Research, 2009, 2, 267-274.	3.9	80
16	Rapid Assessment of Lignin Content and Structure in Switchgrass (Panicum virgatum L.) Grown Under Different Environmental Conditions. Bioenergy Research, 2009, 2, 246-256.	3.9	82
17	Inducible RNA Interference-Mediated Gene Silencing Using Nanostructured Gene Delivery Arrays. ACS Nano, 2008, 2, 69-76.	14.6	46
18	Quantitative analysis of EDC-condensed DNA on vertically aligned carbon nanofiber gene delivery arrays. Biotechnology and Bioengineering, 2007, 97, 680-688.	3.3	15

#	Article	IF	Citations
19	Tracking Gene Expression after DNA Delivery Using Spatially Indexed Nanofiber Arrays. Nano Letters, 2004, 4, 1213-1219.	9.1	148