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	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
2	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
3	Gatewayâ€compatible vectors for highâ€throughput gene functional analysis in switchgrass (Panicum) Tj ETQq1 1 0.784314 rgBT /O	8.3	150
4	Tracking Gene Expression after DNA Delivery Using Spatially Indexed Nanofiber Arrays. Nano Letters, 2004, 4, 1213-1219.	9.1	148
5	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
6	Twoâ€year field analysis of reduced recalcitrance transgenic switchgrass. Plant Biotechnology Journal, 2014, 12, 914-924.	8.3	104
7	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
8	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
9	Switchgrass (Panicum virgatum L.) polyubiquitin gene (PvUbi1 and PvUbi2) promoters for use in plant transformation. BMC Biotechnology, 2011, 11, 74.	3.3	69
10	T4 RNA Ligase 2 truncated active site mutants: improved tools for RNA analysis. BMC Biotechnology, 2011, 11, 72.	3.3	49
11	Inducible RNA Interference-Mediated Gene Silencing Using Nanostructured Gene Delivery Arrays. ACS Nano, 2008, 2, 69-76.	14.6	46
12	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
13	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
14	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
15	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
16	Quantitative analysis of EDC-condensed DNA on vertically aligned carbon nanofiber gene delivery arrays. Biotechnology and Bioengineering, 2007, 97, 680-688.	3.3	15
17	Ethanol and High-Value Terpene Co-Production from Lignocellulosic Biomass of Cymbopogon flexuosus and Cymbopogon martinii. PLoS ONE, 2015, 10, e0139195.	2.5	13
18	The Use of an Automated Platform to Assemble Multigenic Constructs for Plant Transformation. Methods in Molecular Biology, 2019, 1864, 19-35.	0.9	6

#	Article	IF	Citations
19	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