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The 20-year environmental safety record of GM trees

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#	Paper	IF	Citations
51	The gel electrophoresis markup language (GelML) from the Proteomics Standards Initiative. <i>Proteomics</i> , 2010 , 10, 3073-81	4.8	16
50	Genetically Modified Crops and the European Union. 2011 , 49-66		
49	Lignin variability in plant cell walls: contribution of new models. <i>Plant Science</i> , 2011 , 181, 379-86	5.3	85
48	Genetic Transformation of Forest Trees. 2011 ,		0
47	Tree genetic engineering and applications to sustainable forestry and biomass production. <i>Trends in Biotechnology</i> , 2011 , 29, 9-17	15.1	126
46	No impact of transgenic nptII-leafy <i>Pinus radiata</i> (Pinales: Pinaceae) on <i>Pseudocoremia suavis</i> (Lepidoptera: Geometridae) or its endoparasitoid <i>Meteorus pulchricornis</i> (Hymenoptera: Braconidae). <i>Environmental Entomology</i> , 2011 , 40, 1331-40	2.1	2
45	Fifteen years of forest tree biosafety research in Germany. <i>IForest</i> , 2012 , 5, 126-130	1.3	4
44	<i>Bacillus thuringiensis</i> Applications in Agriculture. 2012 , 19-39		22
43	Field Trials with Lignin-Modified Transgenic Trees. <i>Advances in Botanical Research</i> , 2012 , 1-36	2.2	9
42	Investigation of organic anions in tree root exudates and rhizosphere microbial communities using in situ and destructive sampling techniques. <i>Plant and Soil</i> , 2012 , 359, 149-163	4.2	17
41	Global regulatory burden for field testing of genetically modified trees. <i>Tree Genetics and Genomes</i> , 2012 , 8, 221-226	2.1	19
40	Potential transgenic routes to increase tree biomass. <i>Plant Science</i> , 2013 , 212, 72-101	5.3	41
39	Production of Traditional and Novel Biopolymers in Transgenic Woody Plants. 2013 , 59-78		2
38	Genomic stability and long-term transgene expression in poplar. <i>Transgenic Research</i> , 2013 , 22, 1167-78	3.3	11
37	Growing poplars for research with and without mycorrhizas. <i>Frontiers in Plant Science</i> , 2013 , 4, 332	6.2	35
36	Risk assessment of GM trees in the EU: current regulatory framework and guidance. <i>IForest</i> , 2013 , 6, 127-131	1.3	13
35	From plant genomics to -omics technologies. 2013 , 3-13		1

34	Improved saccharification and ethanol yield from field-grown transgenic poplar deficient in cinnamoyl-CoA reductase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 845-50	11.5	155
33	EFSAN scientific activities and achievements on the risk assessment of genetically modified organisms (GMOs) during its first decade of existence: looking back and ahead. <i>Transgenic Research</i> , 2014 , 23, 1-25	3.3	63
32	Lignin genetic engineering for improvement of wood quality: Applications in paper and textile industries, Fodder and bioenergy production. <i>South African Journal of Botany</i> , 2014 , 91, 107-125	2.9	36
31	Integration and inheritance of transgenes in crop plants and trees. <i>Tree Genetics and Genomes</i> , 2014 , 10, 779-790	2.1	12
30	Transcriptome sequencing of transgenic poplar (<i>Populus Euramericana</i> VGuariento) expressing multiple resistance genes. <i>BMC Genetics</i> , 2014 , 15 Suppl 1, S7	2.6	14
29	From Qutn to Bt cotton: Development, adoption and prospects. A review. <i>Cytology and Genetics</i> , 2015 , 49, 408-419	0.7	4
28	Cry Proteins from <i>Bacillus thuringiensis</i> Active against Diamondback Moth and Fall Armyworm. <i>Neotropical Entomology</i> , 2015 , 44, 392-401	1.2	5
27	BIOTECHNOLOGY. Genetically engineered trees: Paralysis from good intentions. <i>Science</i> , 2015 , 349, 794-5	35.3	23
26	Biotechnology of Tropical Tree Crops. 2016 , 245-295		1
25	Whole-genome draft assembly of <i>Populus tremula</i> x <i>P. alba</i> clone INRA 717-1B4. <i>Silvae Genetica</i> , 2016 , 65, 74-79	1.1	19
24	Assessing bacterial communities in the rhizosphere of 8-year-old genetically modified poplar (<i>Populus</i> spp.). <i>Journal of Forestry Research</i> , 2016 , 27, 939-947	2	3
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17	Agronomic performance of trees engineered for biofuel production. <i>Biotechnology for Biofuels</i> , 2017 , 10, 253	7.8	11

16	Certification for gene-edited forests. <i>Science</i> , 2019 , 365, 767-768	33.3	3
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9	Developing risk hypotheses and selecting species for assessing non-target impacts of GM trees with novel traits: the case of altered-lignin pine trees. <i>Environmental Biosafety Research</i> , 2010 , 9, 181-98		5
8	Genome Sequences of <i>Populus tremula</i> Chloroplast and Mitochondrion: Implications for Holistic Poplar Breeding. <i>PLoS ONE</i> , 2016 , 11, e0147209	3.7	34
7	Differentiation of <i>Populus</i> species by chloroplast SNP markers for barcoding and breeding approaches. <i>IForest</i> , 2015 , 8, 544-546	1.3	9
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4	Wood Formation in Trees. 2014 , 66-121		
3	Specific Environmental Considerations for GM Trees and Guidance on Their Risk Assessment and Monitoring. <i>Forestry Sciences</i> , 2016 , 127-140		
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