

Magdalena Wróbel-Kwiatkowska

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

595
citations

623734

14
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

624
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression of β -1,3-glucanase in flax causes increased resistance to fungi. <i>Physiological and Molecular Plant Pathology</i> , 2004, 65, 245-256.	2.5	92
2	Lignin deficiency in transgenic flax resulted in plants with improved mechanical properties. <i>Journal of Biotechnology</i> , 2007, 128, 919-934.	3.8	91
3	Engineering of PHB Synthesis Causes Improved Elastic Properties of Flax Fibers. <i>Biotechnology Progress</i> , 2007, 23, 269-277.	2.6	50
4	Engineering flax with increased flavonoid content and thus Fusarium resistance. <i>Physiological and Molecular Plant Pathology</i> , 2007, 70, 38-48.	2.5	46
5	Chemical composition and molecular structure of fibers from transgenic flax producing polyhydroxybutyrate, and mechanical properties and platelet aggregation of composite materials containing these fibers. <i>Composites Science and Technology</i> , 2009, 69, 2438-2446.	7.8	41
6	Biochemical, mechanical, and spectroscopic analyses of genetically engineered flax fibers producing bioplastic (poly(ϵ -hydroxybutyrate)). <i>Biotechnology Progress</i> , 2009, 25, 1489-1498.	2.6	39
7	Poly-3-hydroxy butyric acid interaction with the transgenic flax fibers: FT-IR and Raman spectra of the composite extracted from a GM flax. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 73, 286-294.	3.9	32
8	New biocomposites based on bioplastic flax fibers and biodegradable polymers. <i>Biotechnology Progress</i> , 2012, 28, 1336-1346.	2.6	32
9	Improving retting of fibre through genetic modification of flax to express pectinases. <i>Transgenic Research</i> , 2008, 17, 133-147.	2.4	28
10	The influence of biocomposites containing genetically modified flax fibers on gene expression in rat skeletal muscle. <i>Biomedizinische Technik</i> , 2010, 55, 323-329.	0.8	18
11	The survival and proliferation of fibroblasts on biocomposites containing genetically modified flax fibers: An in vitro study. <i>Annals of Anatomy</i> , 2012, 194, 513-517.	1.9	17
12	Effects of genetic modifications to flax (<i>Linum usitatissimum</i>) on arbuscular mycorrhiza and plant performance. <i>Mycorrhiza</i> , 2012, 22, 493-499.	2.8	16
13	Improved properties of micronized genetically modified flax fibers. <i>Journal of Biotechnology</i> , 2013, 164, 292-299.	3.8	16
14	Osteogenic capacity of transgenic flax scaffolds. <i>Biomedizinische Technik</i> , 2012, 57, 53-58.	0.8	15
15	An efficient method for production of kynurenic acid by <i>Yarrowia lipolytica</i> . <i>Yeast</i> , 2020, 37, 541-547.	1.7	13
16	Effect of mcl-PHA synthesis in flax on plant mechanical properties and cell wall composition. <i>Transgenic Research</i> , 2019, 28, 77-90.	2.4	9
17	Improved Production of Kynurenic Acid by <i>Yarrowia lipolytica</i> in Media Containing Different Honeys. <i>Sustainability</i> , 2020, 12, 9424.	3.2	9
18	Flax Engineering for Biomedical Application. , 0, , .		8

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19	Impact of CAD-deficiency in flax on biogas production. <i>Transgenic Research</i> , 2015, 24, 971-978.	2.4	8
20	Spectroscopic characterization of genetically modified flax fibres enhanced with poly-3-hydroxybutyric acid. <i>Journal of Molecular Structure</i> , 2009, 920, 214-219.	3.6	7
21	Spectroscopic and biochemical characteristics of flax transgenic callus cultures producing PHB. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 141, 489-497.	2.3	4
22	Wound coverage by the linen dressing accelerates ulcer healing. <i>Postepy Dermatologii i Alergologii</i> , 2021, 38, 827-841.	0.9	2
23	Engineering of plants for improved fibre qualities. , 2010, , 150-170.		1
24	Overexpression of medium-chain-length polyhydroxyalkanoates induces significant salt tolerance and fungal resistance in flax. <i>Plant Cell, Tissue and Organ Culture</i> , 0, , .	2.3	0