

Natalia Mokshina

List of Publications by Year in descending order

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Version: 2024-02-01

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#	ARTICLE	IF	CITATIONS
1	Using FIBexDB for In-Depth Analysis of Flax Lectin Gene Expression in Response to <i>Fusarium oxysporum</i> Infection. <i>Plants</i> , 2022, 11, 163.	3.5	2
2	Gene Expression Patterns for Proteins With Lectin Domains in Flax Stem Tissues Are Related to Deposition of Distinct Cell Wall Types. <i>Frontiers in Plant Science</i> , 2021, 12, 634594.	3.6	9
3	FIBexDB: a new online transcriptome platform to analyze development of plant cellulosic fibers. <i>New Phytologist</i> , 2021, 231, 512-515.	7.3	6
4	Stimulation of adventitious root formation by the oligosaccharin OSRG at the transcriptome level. <i>Plant Signaling and Behavior</i> , 2020, 15, 1703503.	2.4	4
5	The Toolbox for Fiber Flax Breeding: A Pipeline From Gene Expression to Fiber Quality. <i>Frontiers in Genetics</i> , 2020, 11, 589881.	2.3	12
6	Rearrangement of the Cellulose-Enriched Cell Wall in Flax Phloem Fibers over the Course of the Gravitropic Reaction. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5322.	4.1	12
7	Expression of cellulose synthase-like genes in two phenotypically distinct flax (<i>Linum usitatissimum</i>) Tj ETQq1 1 0.784314 rgBT /Overl	1.6	18
8	Genes with bast fiber-specific expression in flax plants - Molecular keys for targeted fiber crop improvement. <i>Industrial Crops and Products</i> , 2020, 152, 112549.	5.2	27
9	Intrusive Growth of Phloem Fibers in Flax Stem: Integrated Analysis of miRNA and mRNA Expression Profiles. <i>Plants</i> , 2019, 8, 47.	3.5	28
10	Flax rhamnogalacturonan lyases: phylogeny, differential expression and modeling of protein structure. <i>Physiologia Plantarum</i> , 2019, 167, 173-187.	5.2	19
11	Plant "muscles": fibers with a tertiary cell wall. <i>New Phytologist</i> , 2018, 218, 66-72.	7.3	73
12	Phloem fibres as motors of gravitropic behaviour of flax plants: level of transcriptome. <i>Functional Plant Biology</i> , 2018, 45, 203.	2.1	18
13	Transcriptome Analysis of Intrusively Growing Flax Fibers Isolated by Laser Microdissection. <i>Scientific Reports</i> , 2018, 8, 14570.	3.3	52
14	Screenplay of flax phloem fiber behavior during gravitropic reaction. <i>Plant Signaling and Behavior</i> , 2018, 13, e1486144.	2.4	2
15	Key Stages of Fiber Development as Determinants of Bast Fiber Yield and Quality. <i>Fibers</i> , 2018, 6, 20.	4.0	36
16	Plants at Bodybuilding: Development of Plant "Muscles", 2018, , 141-163.		5
17	Transcriptome portrait of cellulose-enriched flax fibres at advanced stage of specialization. <i>Plant Molecular Biology</i> , 2017, 93, 431-449.	3.9	58
18	Cellulosic fibres of flax recruit both primary and secondary cell wall cellulose synthases during deposition of thick tertiary cell walls and in the course of graviresponse. <i>Functional Plant Biology</i> , 2017, 44, 820.	2.1	45

#	ARTICLE	IF	CITATIONS
19	Differential expression of β -l-arabinofuranosidases during maize (<i>Zea mays</i> L.) root elongation. <i>Planta</i> , 2015, 241, 1159-1172.	3.2	10
20	Aspen tension wood fibers contain β -D-(1 \rightarrow 4)-galactans and acidic arabinogalactans retained by cellulose microfibrils in gelatinous walls. <i>Plant Physiology</i> , 2015, 169, pp.00690.2015.	4.8	86
21	Chitinase-Like (CTL) and Cellulose Synthase (CESA) Gene Expression in Gelatinous-Type Cellulosic Walls of Flax (<i>Linum usitatissimum</i> L.) Bast Fibers. <i>PLoS ONE</i> , 2014, 9, e97949.	2.5	59
22	Cellulosic Fibers: Role of Matrix Polysaccharides in Structure and Function. , 0, , .		21