Oleg Gorshkov

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6122072/publications.pdf

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		933447	794594
25	379	10	19
papers	citations	h-index	g-index

25	25	25	228
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Transcriptome portrait of cellulose-enriched flax fibres at advanced stage of specialization. Plant Molecular Biology, 2017, 93, 431-449.	3.9	58
2	Transcriptome Analysis of Intrusively Growing Flax Fibers Isolated by Laser Microdissection. Scientific Reports, 2018, 8, 14570.	3.3	52
3	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. Functional Plant Biology, 2017, 44, 820.	2.1	45
4	Key Stages of Fiber Development as Determinants of Bast Fiber Yield and Quality. Fibers, 2018, 6, 20.	4.0	36
5	Intrusive Growth of Phloem Fibers in Flax Stem: Integrated Analysis of miRNA and mRNA Expression Profiles. Plants, 2019, 8, 47.	3.5	28
6	Genes with bast fiber-specific expression in flax plants - Molecular keys for targeted fiber crop improvement. Industrial Crops and Products, 2020, 152, 112549.	5.2	27
7	Flax rhamnogalacturonan lyases: phylogeny, differential expression and modeling of protein structure. Physiologia Plantarum, 2019, 167, 173-187.	5.2	19
8	Phloem fibres as motors of gravitropic behaviour of flax plants: level of transcriptome. Functional Plant Biology, 2018, 45, 203.	2.1	18
9	Expression of cellulose synthase-like genes in two phenotypically distinct flax (Linum usitatissimum) Tj ETQq1 1 0.784314 rgBT /Overlo	1.6	18
10	Cell Wall Layer Induced in Xylem Fibers of Flax Upon Gravistimulation Is Similar to Constitutively Formed Cell Walls of Bast Fibers. Frontiers in Plant Science, 2021, 12, 660375.	3.6	15
11	Differential expression of Î±-l-arabinofuranosidases during maize (Zea mays L.) root elongation. Planta, 2015, 241, 1159-1172.	3.2	10
12	Gene Expression Patterns for Proteins With Lectin Domains in Flax Stem Tissues Are Related to Deposition of Distinct Cell Wall Types. Frontiers in Plant Science, 2021, 12, 634594.	3.6	9
13	Phytopathogenicity of avian mycoplasma Mycoplasma gallisepticum S6: Morphologic and ultracytostructural changes in plants infected with the vegetative forms and the viable but nonculturable forms of the bacterium. Microbiological Research, 2010, 165, 346-350.	5.3	8
14	FIBexDB: a new online transcriptome platform to analyze development of plant cellulosic fibers. New Phytologist, 2021, 231, 512-515.	7.3	6
15	Adaptation of mycoplasmas to adverse growth conditions: Morphology, ultrastructure, and genome expression of Mycoplasma gallisepticum S6 cells. Doklady Biochemistry and Biophysics, 2008, 421, 231-234.	0.9	5
16	Atomic Force Microscopy Analysis of DNA Extracted from the Vegetative Cells and the Viable, but Nonculturable, Cells of Two Mycoplasmas (Acholeplasma laidlawiiPG8 andMycoplasma) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.1	5
17	Plants at Bodybuilding: Development of Plant â€œMusclesâ€•, 2018, , 141-163.		5
18	Periplasmic superoxide dismutase from Desulfovibrio desulfuricans 1388 is an iron protein. Biochemistry (Moscow), 2006, 71, 68-72.	1.5	4

#	Article	IF	Citations
19	Manganese in atherogenesis: Detection, origin, and a role. Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry, 2011, 5, 158-162.	0.4	4
20	Genetic Polymorphism of Mycoplasmas: Variability of Cytoadhesin Genes in Clinical Isolates of Mycoplasma hominis. Doklady Biochemistry and Biophysics, 2005, 404, 328-331.	0.9	2
21	Adaptation of mycoplasmas to adverse environments: Phytopathogenicity and peculiarities of protein expression of vegetative and nonculturable forms of Mycoplasma gallisepticum S6 cells. Doklady Biochemistry and Biophysics, 2009, 428, 273-276.	0.9	2
22	Screenplay of flax phloem fiber behavior during gravitropic reaction. Plant Signaling and Behavior, 2018, 13, e1486144.	2.4	2
23	Interaction between mycoplasmas and plants: Extracellular membrane vesicles and phytopathogenicity of Acholeplasma laidlawii PG8. Doklady Biochemistry and Biophysics, 2013, 450, 155-159.	0.9	1
24	DNA polymorphism of the European Percids. FASEB Journal, 2009, 23, 657.1.	0.5	0
25	Growing Maize Root: Lectins Involved in Consecutive Stages of Cell Development. Plants, 2022, 11, 1799.	3.5	0