

Oleg Gorshkov

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

379
citations

933447

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h-index

794594

19
g-index

25
all docs

25
docs citations

25
times ranked

228
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Growing Maize Root: Lectins Involved in Consecutive Stages of Cell Development. <i>Plants</i> , 2022, 11, 1799. | 3.5 | 0 |
| 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 | Cell Wall Layer Induced in Xylem Fibers of Flax Upon Gravistimulation Is Similar to Constitutively Formed Cell Walls of Bast Fibers. <i>Frontiers in Plant Science</i> , 2021, 12, 660375. | 3.6 | 15 |
| 4 | FIBexDB: a new online transcriptome platform to analyze development of plant cellulosic fibers. <i>New Phytologist</i> , 2021, 231, 512-515. | 7.3 | 6 |
| 5 | 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 | 1.6 | 18 |
| 6 | 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 |
| 7 | 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 |
| 8 | Flax rhamnogalacturonan lyases: phylogeny, differential expression and modeling of protein structure. <i>Physiologia Plantarum</i> , 2019, 167, 173-187. | 5.2 | 19 |
| 9 | Phloem fibres as motors of gravitropic behaviour of flax plants: level of transcriptome. <i>Functional Plant Biology</i> , 2018, 45, 203. | 2.1 | 18 |
| 10 | Transcriptome Analysis of Intrusively Growing Flax Fibers Isolated by Laser Microdissection. <i>Scientific Reports</i> , 2018, 8, 14570. | 3.3 | 52 |
| 11 | Screenplay of flax phloem fiber behavior during gravitropic reaction. <i>Plant Signaling and Behavior</i> , 2018, 13, e1486144. | 2.4 | 2 |
| 12 | Key Stages of Fiber Development as Determinants of Bast Fiber Yield and Quality. <i>Fibers</i> , 2018, 6, 20. | 4.0 | 36 |
| 13 | Plants at Bodybuilding: Development of Plant "Muscles", 2018, , 141-163. | | 5 |
| 14 | Transcriptome portrait of cellulose-enriched flax fibres at advanced stage of specialization. <i>Plant Molecular Biology</i> , 2017, 93, 431-449. | 3.9 | 58 |
| 15 | 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 |
| 16 | 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 |
| 17 | Interaction between mycoplasmas and plants: Extracellular membrane vesicles and phytopathogenicity of <i>Acholeplasma laidlawii</i> PG8. <i>Doklady Biochemistry and Biophysics</i> , 2013, 450, 155-159. | 0.9 | 1 |
| 18 | Manganese in atherogenesis: Detection, origin, and a role. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2011, 5, 158-162. | 0.4 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Phytopathogenicity of avian mycoplasma <i>Mycoplasma gallisepticum</i> S6: Morphologic and ultracytostructural changes in plants infected with the vegetative forms and the viable but nonculturable forms of the bacterium. <i>Microbiological Research</i> , 2010, 165, 346-350. | 5.3 | 8 |
| 20 | Atomic Force Microscopy Analysis of DNA Extracted from the Vegetative Cells and the Viable, but Nonculturable, Cells of Two Mycoplasmas (<i>Acholeplasma laidlawii</i> PG8 and <i>Mycoplasma</i> Tj ETQq0 0 0 rgBT.1 Overlook 10 Tf 50 | 0.5 | 0 |
| 21 | Adaptation of mycoplasmas to adverse environments: Phytopathogenicity and peculiarities of protein expression of vegetative and nonculturable forms of <i>Mycoplasma gallisepticum</i> S6 cells. <i>Doklady Biochemistry and Biophysics</i> , 2009, 428, 273-276. | 0.9 | 2 |
| 22 | DNA polymorphism of the European Percids. <i>FASEB Journal</i> , 2009, 23, 657.1. | 0.5 | 0 |
| 23 | Adaptation of mycoplasmas to adverse growth conditions: Morphology, ultrastructure, and genome expression of <i>Mycoplasma gallisepticum</i> S6 cells. <i>Doklady Biochemistry and Biophysics</i> , 2008, 421, 231-234. | 0.9 | 5 |
| 24 | Periplasmic superoxide dismutase from <i>Desulfovibrio desulfuricans</i> 1388 is an iron protein. <i>Biochemistry (Moscow)</i> , 2006, 71, 68-72. | 1.5 | 4 |
| 25 | Genetic Polymorphism of Mycoplasmas: Variability of Cytoadhesin Genes in Clinical Isolates of <i>Mycoplasma hominis</i> . <i>Doklady Biochemistry and Biophysics</i> , 2005, 404, 328-331. | 0.9 | 2 |