Danas Baniulis

List of Publications by Year
in descending order

58 papers	1,488 citations	361413 20 h-index	330143 37 g-index
60 all docs	60 docs citations	60 times ranked	1812 citing authors

#	Article	IF	Citations
1	Biochemical and Physiological Plant Processes Affected by Seed Treatment with Non-Thermal Plasma. Plants, 2022, 11, 856.	3.5	32
2	Enduring Effect of Antibiotic Timentin Treatment on Tobacco In Vitro Shoot Growth and Microbiome Diversity. Plants, 2022, 11, 832.	3.5	3
3	Effect of endophytic bacteria isolates on growth and oxidative stress injury of transgenic tobacco shoots in vitro. Zemdirbyste, 2022, 109, 165-170.	0.8	1
4	Enhanced Carbonylation of Photosynthetic and Glycolytic Proteins in Antibiotic Timentin-Treated Tobacco In Vitro Shoot Culture. Plants, 2022, 11, 1572.	3.5	1
5	Biochip Surfaces Containing Recombinant Cell-Binding Domains of Fibronectin. Coatings, 2022, 12, 880.	2.6	0
6	Stimulation of Nicotiana tabacum L. In Vitro Shoot Growth by Endophytic Bacillus cereus Group Bacteria. Microorganisms, 2021, 9, 1893.	3.6	4
7	Cold Plasma Treatment of Sunflower Seeds Modulates Plant-Associated Microbiome and Stimulates Root and Lateral Organ Growth. Frontiers in Plant Science, 2020, 11, 568924.	3.6	20
8	Cold plasma treatment of Arabidopsis thaliana (L.) seeds modulates plant-associated microbiome composition. Applied Physics Express, 2020, 13, 076001.	2.4	13
9	Constitutive and Cold Acclimation-Regulated Protein Expression Profiles of Scots Pine Seedlings Reveal Potential for Adaptive Capacity of Geographically Distant Populations. Forests, 2020, 11, 89.	2.1	4
10	Ten Years of VINQUEST: First Insight for Breeding New Apple Cultivars With Durable Apple Scab Resistance. Plant Disease, 2020, 104, 2074-2081.	1.4	44
11	Identification of Echinacea Purpurea (L.) Moench Root LysM Lectin with Nephrotoxic Properties. Toxins, 2020, 12, 88.	3.4	9
12	Development of Climate-Resilient Varieties in Rosaceous Berries. , 2020, , 333-384.		2
13	Exploring Diversity of Bacterial Endophyte Communities Using Advanced Sequencing Technology. , 2019, , 447-481.		5
14	Treatment of Common Sunflower (Helianthus annus L.) Seeds with Radio-frequency Electromagnetic Field and Cold Plasma Induces Changes in Seed Phytohormone Balance, Seedling Development and Leaf Protein Expression. Scientific Reports, 2019, 9, 6437.	3.3	93
15	SSR analysis based on molecular characterisation of apple germplasm in Lithuania. Zemdirbyste, 2019, 106, 159-166.	0.8	8
16	Cytochrome b6f Complex. , 2019, , 1-9.		0
17	Endophytic Bacillus and Pseudomonas spp. Modulate Apple Shoot Growth, Cellular Redox Balance, and Protein Expression Under in Vitro Conditions. Frontiers in Plant Science, 2018, 9, 889.	3.6	49
18	Patterns of low temperature induced accumulation of dehydrins in Rosaceae cropsâ€"Evidence for post-translational modification in apple. Journal of Plant Physiology, 2017, 218, 175-181.	3.5	14

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19	Investigation of Echinacea purpurea Root Proteins with Hemagglutinating Activity. Natural Product Communications, 2017, 12, 1934578X1701200.	0.5	0
20	Breeding Trends of Fruit and Vegetable Crops for Organic Production in Lithuania. Horticulturae, 2017, 3, 1.	2.8	57
21	Genetic background of resistance to gall mite in Ribes species. Agricultural and Food Science, 2017, 26, .	0.9	10
22	Mechanisms of Superoxide Generation and Signaling in Cytochrome bc Complexes. Advances in Photosynthesis and Respiration, 2016, , 397-417.	1.0	2
23	Characterization of apple NADPH oxidase genes and their expression associated with oxidative stress in shoot culture in vitro. Plant Cell, Tissue and Organ Culture, 2016, 124, 621-633.	2.3	20
24	Plant growth promoting and antagonistic properties of endophytic bacteria isolated from domestic apple. Zemdirbyste, 2016, 103, 77-82.	0.8	28
25	Cold acclimation efficiency of different Prunus and Fragaria species and cultivars in vitro. Zemdirbyste, 2016, 103, 207-214.	0.8	7
26	CHARACTERISATION OF GENETIC DIVERSITY OF THE LITHUANIAN SOUR CHERRY (PRUNUS CERASUS L.) GENETIC RESOURCES USING MICROSATELLITE MARKERS. Acta Horticulturae, 2015, , 105-108.	0.2	2
27	Application of multiplexed cysteineâ€labeled complex protein sample for 2D electrophoretic gel alignment. Proteomics, 2015, 15, 1777-1780.	2.2	6
28	Bacterial endophytes in agricultural crops and their role in stress tolerance: a review. Zemdirbyste, 2015, 102, 465-478.	0.8	185
29	STUDY OF NEW APPLE SELECTIONS IN LITHUANIA. Acta Horticulturae, 2015, , 719-725.	0.2	2
30	An Anhydrous Proton Transfer Pathway in the Cytochrome B6F Complex. Biophysical Journal, 2013, 104, 488a.	0.5	0
31	Mechanism of Enhanced Superoxide Production in the Cytochrome b₆f Complex of Oxygenic Photosynthesis. Biochemistry, 2013, 52, 8975-8983.	2.5	57
32	Methods for Studying Interactions of Detergents and Lipids with Î±â€Helical and Î²â€Barrel Integral Membrane Proteins. Current Protocols in Protein Science, 2013, 74, 29.7.1-29.7.30.	2.8	3
33	Protocol: Optimised methodology for isolation of nuclei from leaves of species in the Solanaceae and Rosaceae families. Plant Methods, 2013, 9, 31.	4.3	69
34	Increased Superoxide Production in the Cytochrome B6F Complex: AÂFunction for the Enigmatic Chlorophyll-A. Biophysical Journal, 2013, 104, 488a.	0.5	0
35	Quinone-dependent proton transfer pathways in the photosynthetic cytochrome b₆ f complex. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4297-4302.	7.1	84
36	APPLICATION OF P GENE DONORS IN BREEDING OF BLACKCURRANT RESISTANT TO GALL MITE. Acta Horticulturae, 2013, , 523-527.	0.2	3

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37	CHARACTERIZATION OF PEAR (PYRUS COMMUNIS) CULTIVARS FROM LITHUANIA USING MICROSATELLITE MARKERS. Acta Horticulturae, 2013, , 257-263.	0.2	1
38	Characterising the genetic diversity of Lithuanian sweet cherry (Prunus avium L.) cultivars using SSR markers. Scientia Horticulturae, 2012, 142, 136-142.	3.6	16
39	Development of the Northern European Ribes core collection based on a microsatellite (SSR) marker diversity analysis. Plant Genetic Resources: Characterisation and Utilisation, 2012, 10, 70-73.	0.8	18
40	Purification and Crystallization of the Cyanobacterial Cytochrome b 6 f Complex. Methods in Molecular Biology, 2011, 684, 65-77.	0.9	24
41	Membrane proteins in four acts: Function precedes structure determination. Methods, 2011, 55, 415-420.	3.8	8
42	Post-translational Modifications of Integral Membrane Proteins Resolved by Top-down Fourier Transform Mass Spectrometry with Collisionally Activated Dissociation. Molecular and Cellular Proteomics, 2010, 9, 791-803.	3.8	86
43	Structure-Function, Stability, and Chemical Modification of the Cyanobacterial Cytochrome b6f Complex from Nostoc sp. PCC 7120. Journal of Biological Chemistry, 2009, 284, 9861-9869.	3.4	96
44	EPR Detection of an O₂ Surrogate Bound to Heme c_n of the Cytochrome b₆f Complex. Journal of the American Chemical Society, 2009, 131, 12536-12537.	13.7	27
45	On the Structural Role of the Aromatic Residue Environment of the Chlorophyll a in the Cytochrome b₆f Complex. Biochemistry, 2008, 47, 3654-3661.	2.5	21
46	Structureâ€“Function of the Cytochrome b₆f Complex^{â€}. Photochemistry and Photobiology, 2008, 84, 1349-1358.	2.5	145
47	MORPHOLOGICAL TRAITS IN RIBES NIGRUM POLYPLOIDS. Acta Horticulturae, 2007, , 405-408.	0.2	4
48	CHARACTERIZATION OF SCAB RESISTANT LITHUANIAN APPLE CULTIVARS. Acta Horticulturae, 2007, , 507-511.	0.2	0
49	Analysis of Human Phagocyte Flavocytochrome b558 by Mass Spectrometry. Journal of Biological Chemistry, 2006, 281, 37045-37056.	3.4	20
50	Evaluation of two anti-gp91phox antibodies as immunoprobes for Nox family proteins: mAb 54.1 recognizes recombinant full-length Nox2, Nox3 and the C-terminal domains of Nox1-4 and cross-reacts with GRP 58. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2005, 1752, 186-196.	2.3	15
51	Unusual polyclonal anti-gp91phox peptide antibody interactions with X-linked chronic granulomatous disease-derived human neutrophils are not from compensatory expression of Nox proteins 1, 3, or 4. European Journal of Haematology, 2005, 74, 241-249.	2.2	3
52	Monoclonal antibody CL5 recognizes the amino terminal domain of human phagocyte flavocytochrome b558 large subunit, gp91phox. European Journal of Haematology, 2005, 74, 337-347.	2.2	5
53	Site-Specific Inhibitors of NADPH Oxidase Activity and Structural Probes of Flavocytochrome b: Characterization of Six Monoclonal Antibodies to the p22phox Subunit. Journal of Immunology, 2004, 173, 7349-7357.	0.8	55
54	Anionic amphiphile and phospholipid-induced conformational changes in human neutrophil flavocytochrome b observed by fluorescence resonance energy transfer. Biochimica Et Biophysica Acta - Biomembranes, 2004, 1663, 201-213.	2.6	24

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55	Single-step immunoaffinity purification and characterization of dodecylmaltoside-solubilized human neutrophil flavocytochrome b. Biochimica Et Biophysica Acta - Biomembranes, 2003, 1612, 65-75.	2.6	16
56	Functional Epitope on Human Neutrophil Flavocytochromeb558. Journal of Immunology, 2003, 170, 6082-6089.	0.8	38
57	Identification of a Spectrally Stable Proteolytic Fragment of Human Neutrophil Flavocytochrome b Composed of the NH2-terminal Regions of gp91 and p22. Journal of Biological Chemistry, 2001, 276, 38852-38861.	3.4	16
58	Cytochromeb6f Complex, Colon Structure, Spectroscopy, and Function of Hemecn:n-Side Electron and Proton Transfer Reactions. , 0, , 155-179.		12