

Ekaterina V Sheshukova

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

532
citations

840119

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25
docs citations

25
times ranked

820
citing authors

#	ARTICLE	IF	CITATIONS
1	Nicotiana benthamiana Î³-Thionin Synthesis Is Induced in Response to Foreign Nucleus-Targeted Proteins. , 2022, 11, .		0
2	Enhanced Synthesis of Foreign Nuclear Protein Stimulates Viral Reproduction via the Induction of Î³-Thionin Expression. Plants, 2022, 11, 1530.	1.6	2
3	Approaches to Formaldehyde Measurement: From Liquid Biological Samples to Cells and Organisms. International Journal of Molecular Sciences, 2022, 23, 6642.	1.8	5
4	The Tobamoviral Movement Protein: A "Conditioner" to Create a Favorable Environment for Intercellular Spread of Infection. Frontiers in Plant Science, 2020, 11, 959.	1.7	6
5	Diversity of Plant Virus Movement Proteins: What Do They Have in Common?. Processes, 2020, 8, 1547.	1.3	4
6	Plant-Made Antibodies: Properties and Therapeutic Applications. Current Medicinal Chemistry, 2019, 26, 381-395.	1.2	12
7	The biological activity of bispecific trastuzumab/pertuzumab plant biosimilars may be drastically boosted by disulfiram increasing formaldehyde accumulation in cancer cells. Scientific Reports, 2019, 9, 16168.	1.6	12
8	Plasmodesmata Conductivity Regulation: A Mechanistic Model. Plants, 2019, 8, 595.	1.6	21
9	Plant Platform for Therapeutic Monoclonal Antibody Production. , 2019, , 543-581.		0
10	Methanol in Plant Life. Frontiers in Plant Science, 2018, 9, 1623.	1.7	85
11	The Expression of Matryoshka Gene Encoding a Homologue of Kunitz Peptidase Inhibitor Is Regulated Both at the Level of Transcription and Translation. Biochemistry (Moscow), 2018, 83, 1255-1262.	0.7	2
12	Human Endogenous Formaldehyde as an Anticancer Metabolite: Its Oxidation Downregulation May Be a Means of Improving Therapy. BioEssays, 2018, 40, e1800136.	1.2	25
13	Trastuzumab and pertuzumab plant biosimilars: Modification of Asn297-linked glycan of the mAbs produced in a plant with fucosyltransferase and xylosyltransferase gene knockouts. Biochemistry (Moscow), 2017, 82, 510-520.	0.7	7
14	The Intergenic Interplay between Aldose 1-Epimerase-Like Protein and Pectin Methyltransferase in Abiotic and Biotic Stress Control. Frontiers in Plant Science, 2017, 8, 1646.	1.7	24
15	An Alternative Nested Reading Frame May Participate in the Stress-Dependent Expression of a Plant Gene. Frontiers in Plant Science, 2017, 8, 2137.	1.7	9
16	Tobamovirus 3'â€²-Terminal Gene Overlap May be a Mechanism for within-Host Fitness Improvement. Frontiers in Microbiology, 2017, 8, 851.	1.5	9
17	The Antioxidant Cofactor Alpha-Lipoic Acid May Control Endogenous Formaldehyde Metabolism in Mammals. Frontiers in Neuroscience, 2017, 11, 651.	1.4	15
18	"Matreshka" genes with alternative reading frames. Russian Journal of Genetics, 2016, 52, 125-140.	0.2	0

#	ARTICLE	IF	CITATIONS
19	Functional role of carbohydrate residues in human immunoglobulin G and therapeutic monoclonal antibodies. <i>Biochemistry (Moscow)</i> , 2016, 81, 835-857.	0.7	32
20	Plant factories for the production of monoclonal antibodies. <i>Biochemistry (Moscow)</i> , 2016, 81, 1118-1135.	0.7	19
21	Metabolic Methanol: Molecular Pathways and Physiological Roles. <i>Physiological Reviews</i> , 2015, 95, 603-644.	13.1	140
22	Endogenous Methanol Regulates Mammalian Gene Activity. <i>PLoS ONE</i> , 2014, 9, e90239.	1.1	18
23	Cell wall methanol as a signal in plant immunity. <i>Frontiers in Plant Science</i> , 2014, 5, 101.	1.7	59
24	Pectin methylesterase-generated methanol may be involved in tobacco leaf growth. <i>Biochemistry (Moscow)</i> , 2014, 79, 102-110.	0.7	8
25	Dietary Methanol Regulates Human Gene Activity. <i>PLoS ONE</i> , 2014, 9, e102837.	1.1	18