

Ekaterina V Sheshukova

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

532
citations

759055

12
h-index

677027

22
g-index

25
all docs

25
docs citations

25
times ranked

820
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic Methanol: Molecular Pathways and Physiological Roles. <i>Physiological Reviews</i> , 2015, 95, 603-644.	13.1	140
2	Methanol in Plant Life. <i>Frontiers in Plant Science</i> , 2018, 9, 1623.	1.7	85
3	Cell wall methanol as a signal in plant immunity. <i>Frontiers in Plant Science</i> , 2014, 5, 101.	1.7	59
4	Functional role of carbohydrate residues in human immunoglobulin G and therapeutic monoclonal antibodies. <i>Biochemistry (Moscow)</i> , 2016, 81, 835-857.	0.7	32
5	Human Endogenous Formaldehyde as an Anticancer Metabolite: Its Oxidation Downregulation May Be a Means of Improving Therapy. <i>BioEssays</i> , 2018, 40, e1800136.	1.2	25
6	The Intergenic Interplay between Aldose 1-Epimerase-Like Protein and Pectin Methylesterase in Abiotic and Biotic Stress Control. <i>Frontiers in Plant Science</i> , 2017, 8, 1646.	1.7	24
7	Plasmodesmata Conductivity Regulation: A Mechanistic Model. <i>Plants</i> , 2019, 8, 595.	1.6	21
8	Plant factories for the production of monoclonal antibodies. <i>Biochemistry (Moscow)</i> , 2016, 81, 1118-1135.	0.7	19
9	Endogenous Methanol Regulates Mammalian Gene Activity. <i>PLoS ONE</i> , 2014, 9, e90239.	1.1	18
10	Dietary Methanol Regulates Human Gene Activity. <i>PLoS ONE</i> , 2014, 9, e102837.	1.1	18
11	The Antioxidant Cofactor Alpha-Lipoic Acid May Control Endogenous Formaldehyde Metabolism in Mammals. <i>Frontiers in Neuroscience</i> , 2017, 11, 651.	1.4	15
12	Plant-Made Antibodies: Properties and Therapeutic Applications. <i>Current Medicinal Chemistry</i> , 2019, 26, 381-395.	1.2	12
13	The biological activity of bispecific trastuzumab/pertuzumab plant biosimilars may be drastically boosted by disulfiram increasing formaldehyde accumulation in cancer cells. <i>Scientific Reports</i> , 2019, 9, 16168.	1.6	12
14	An Alternative Nested Reading Frame May Participate in the Stress-Dependent Expression of a Plant Gene. <i>Frontiers in Plant Science</i> , 2017, 8, 2137.	1.7	9
15	Tobamovirus 3'â€²-Terminal Gene Overlap May be a Mechanism for within-Host Fitness Improvement. <i>Frontiers in Microbiology</i> , 2017, 8, 851.	1.5	9
16	Pectin methylesterase-generated methanol may be involved in tobacco leaf growth. <i>Biochemistry (Moscow)</i> , 2014, 79, 102-110.	0.7	8
17	Trastuzumab and pertuzumab plant biosimilars: Modification of Asn297-linked glycan of the mAbs produced in a plant with fucosyltransferase and xylosyltransferase gene knockouts. <i>Biochemistry (Moscow)</i> , 2017, 82, 510-520.	0.7	7
18	The Tobamoviral Movement Protein: A "Conditioner" to Create a Favorable Environment for Intercellular Spread of Infection. <i>Frontiers in Plant Science</i> , 2020, 11, 959.	1.7	6

#	ARTICLE	IF	CITATIONS
19	Approaches to Formaldehyde Measurement: From Liquid Biological Samples to Cells and Organisms. International Journal of Molecular Sciences, 2022, 23, 6642.	1.8	5
20	Diversity of Plant Virus Movement Proteins: What Do They Have in Common?. Processes, 2020, 8, 1547.	1.3	4
21	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
22	Enhanced Synthesis of Foreign Nuclear Protein Stimulates Viral Reproduction via the Induction of Î³-Thionin Expression. Plants, 2022, 11, 1530.	1.6	2
23	â€œMatreshkaâ€•genes with alternative reading frames. Russian Journal of Genetics, 2016, 52, 125-140.	0.2	0
24	Plant Platform for Therapeutic Monoclonal Antibody Production. , 2019, , 543-581.		0
25	Nicotiana benthamiana Î³-Thionin Synthesis Is Induced in Response to Foreign Nucleus-Targeted Proteins. , 2022, 11, .		0