

# Miroslav Glasa

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	High-Throughput Sequencing Discloses the Cucumber Mosaic Virus (CMV) Diversity in Slovakia and Reveals New Hosts of CMV from the Papaveraceae Family. <i>Plants</i> , 2022, 11, 1665.	3.5	5
2	Evaluation of New Polyclonal Antibody Developed for Serological Diagnostics of Tomato Mosaic Virus. <i>Viruses</i> , 2022, 14, 1331.	3.3	9
3	Plum Pox Virus (Potyviridae). , 2021, , 586-593.		0
4	Molecular Characterization of Potato Virus Y (PVY) Using High-Throughput Sequencing: Constraints on Full Genome Reconstructions Imposed by Mixed Infection Involving Recombinant PVY Strains. <i>Plants</i> , 2021, 10, 753.	3.5	6
5	High-Throughput Sequencing Reveals Bell Pepper Endornavirus Infection in Pepper ( <i>Capsicum annum</i> ) in Slovakia and Enables Its Further Molecular Characterization. <i>Plants</i> , 2020, 9, 41.	3.5	17
6	Efficient Confirmation of Plant Viral Proteins and Identification of Specific Viral Strains by nanoLC-ESI-Q-TOF Using Single-Leaf-Tissue Samples. <i>Pathogens</i> , 2020, 9, 966.	2.8	2
7	Diacylglycerol Acetyltransferase Gene Isolated from <i>Euonymus europaeus</i> L. Altered Lipid Metabolism in Transgenic Plant towards the Production of Acetylated Triacylglycerols. <i>Life</i> , 2020, 10, 205.	2.4	4
8	Plant Viruses Infecting Solanaceae Family Members in the Cultivated and Wild Environments: A Review. <i>Plants</i> , 2020, 9, 667.	3.5	49
9	Comparative Transcriptome Analysis of Two Cucumber Cultivars with Different Sensitivity to Cucumber Mosaic Virus Infection. <i>Pathogens</i> , 2020, 9, 145.	2.8	13
10	Analysis of Virome by High-Throughput Sequencing Revealed Multiple Infection and Intra-Virus Diversity in a Single Grapevine Plant. <i>Acta Horticulturae Et Regiotecturae</i> , 2020, 23, 35-39.	1.0	3
11	First Report of Pepper Cryptic Virus 2 Infecting Pepper ( <i>Capsicum annum</i> ) in Slovakia. <i>Plant Disease</i> , 2020, 104, 1565.	1.4	5
12	Higher Effectiveness of New Common Bean ( <i>Phaseolus vulgaris</i> L.) Germplasm Acquisition by Collecting Expeditions Associated with Molecular Analyses. <i>Sustainability</i> , 2019, 11, 5270.	3.2	6
13	High-throughput sequencing of Potato virus M from tomato in Slovakia reveals a divergent variant of the virus. <i>Plant Protection Science</i> , 2019, 55, 159-166.	1.4	8
14	First Report of Grapevine Rupestris Vein Feathering Virus in Grapevine in Slovakia. <i>Plant Disease</i> , 2019, 103, 170-170.	1.4	12
15	Genetic diversity, host range and transmissibility of CR isolates of Plum pox virus. <i>Journal of General Plant Pathology</i> , 2019, 85, 39-43.	1.0	2
16	The global phylogeny of Plum pox virus is emerging. <i>Journal of General Virology</i> , 2019, 100, 1457-1468.	2.9	28
17	Grapevine virus T diversity as revealed by full-length genome sequences assembled from high-throughput sequence data. <i>PLoS ONE</i> , 2018, 13, e0206010.	2.5	19
18	Molecular and Biological Characterisation of Turnip mosaic virus Isolates Infecting Poppy ( <i>Papaver</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	3.3	9

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19	Recent Advances on Detection and Characterization of Fruit Tree Viruses Using High-Throughput Sequencing Technologies. <i>Viruses</i> , 2018, 10, 436.	3.3	111
20	A novel specific duplex real-time RT-PCR method for absolute quantitation of Grapevine Pinot gris virus in plant material and single mites. <i>PLoS ONE</i> , 2018, 13, e0197237.	2.5	19
21	Grapevine virus T is relatively widespread in Slovakia and Czech Republic and genetically diverse. <i>Virus Genes</i> , 2018, 54, 737-741.	1.6	11
22	Photosynthetic and Stress Responsive Proteins Are Altered More Effectively in <i>Nicotiana benthamiana</i> Infected with Plum pox virus Aggressive PPV-CR versus Mild PPV-C Cherry-Adapted Isolates. <i>Journal of Proteome Research</i> , 2018, 17, 3114-3127.	3.7	12
23	Molecular characterization of Prune dwarf virus cherry isolates from Slovakia shows their substantial variability and reveals recombination events in PDV RNA3. <i>European Journal of Plant Pathology</i> , 2017, 147, 877-885.	1.7	11
24	Host preference of the major strains of Plum pox virus – Opinions based on regional and world-wide sequence data. <i>Journal of Integrative Agriculture</i> , 2017, 16, 510-515.	3.5	30
25	Introduction of a synthetic <i>Thermococcus</i> -derived $\alpha$ -amylase gene into barley genome for increased enzyme thermostability in grains. <i>Electronic Journal of Biotechnology</i> , 2017, 30, 1-5.	2.2	1
26	Tracking the potyviral P1 protein in <i>Nicotiana benthamiana</i> plants during plum pox virus infection. <i>Acta Virologica</i> , 2017, 61, 492-494.	0.8	2
27	Analysis of Grapevine rupestris stem pitting-associated virus in Slovakia Reveals Differences in Intra-Host Population Diversity and Naturally Occurring Recombination Events. <i>Plant Pathology Journal</i> , 2017, 33, 34-42.	1.7	26
28	Experimental Infection of Different Tomato Genotypes with Tomato mosaic virus Led to a Low Viral Population Heterogeneity in the Capsid Protein Encoding Region. <i>Plant Pathology Journal</i> , 2017, 33, 508-513.	1.7	4
29	Detection and molecular characterization of Slovak tomato isolates belonging to two recombinant strains of potato virus Y. <i>Acta Virologica</i> , 2016, 60, 347-353.	0.8	7
30	Partial Sequence Analysis of Geographically Close Grapevine virus A Isolates Reveals their High Regional Variability and an Intra-isolate Heterogeneity. <i>Journal of Phytopathology</i> , 2016, 164, 427-431.	1.0	9
31	Monitoring and preservation of old cherry cultivars in the Slovak Republic. <i>Acta Horticulturae</i> , 2016, , 225-260.	0.2	1
32	First Report of Grapevine Pinot gris virus in German Vineyards. <i>Plant Disease</i> , 2016, 100, 2545-2545.	1.4	18
33	Partially resistant <i>Cucurbita pepo</i> showed late onset of the Zucchini yellow mosaic virus infection due to rapid activation of defense mechanisms as compared to susceptible cultivar. <i>Frontiers in Plant Science</i> , 2015, 6, 263.	3.6	14
34	Detection and molecular characterisation of Grapevine Syrah virus-1 isolates from Central Europe. <i>Virus Genes</i> , 2015, 51, 112-121.	1.6	41
35	EXPERIMENTAL MIXED INFECTION BY PLUM POX VIRUS STRAINS CONFIRMS THEIR NATURAL HOST PREFERENCE. <i>Acta Horticulturae</i> , 2015, , 29-32.	0.2	2
36	Analysis of the complete sequences of two biologically distinct Zucchini yellow mosaic virus isolates further evidences the involvement of a single amino acid in the virus pathogenicity. <i>Acta Virologica</i> , 2014, 58, 364-367.	0.8	5

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37	<i>Plum pox virus</i> and sharka: a model potyvirus and a major disease. <i>Molecular Plant Pathology</i> , 2014, 15, 226-241.	4.2	178
38	Molecular characterization of divergent grapevine Pinot gris virus isolates and their detection in Slovak and Czech grapevines. <i>Archives of Virology</i> , 2014, 159, 2103-2107.	2.1	73
39	Detection and characterisation of Plum pox virus (PPV) isolates from Eastern Slovakia revealed the presence of three main viral strains.. <i>Potravinarstvo</i> , 2014, 8, 1-7.	0.6	0
40	Characterization of Sour Cherry Isolates of <i>Plum pox virus</i> from the Volga Basin in Russia Reveals a New Cherry Strain of the Virus. <i>Phytopathology</i> , 2013, 103, 972-979.	2.2	46
41	Unfolding the secrets of plum pox virus: from epidemiology to genomics. <i>Acta Virologica</i> , 2013, 57, 217-228.	0.8	26
42	Evaluation of the genetic diversity of Plum pox virus in a single plum tree. <i>Virus Research</i> , 2012, 167, 112-117.	2.2	20
43	An alternative and ecological source of microprojectils for biolistic DNA delivery into plant tissues. <i>Acta Virologica</i> , 2012, 55, 365-366.	0.8	0
44	Cloning of the complete infectious cDNA of the plum pox virus strain PPV-Rec. <i>Acta Virologica</i> , 2012, 56, 129-132.	0.8	3
45	The 3'-proximal part of the Plum pox virus P1 gene determinates the symptom expression in two herbaceous host plants. <i>Virus Genes</i> , 2012, 44, 505-512.	1.6	10
46	Sequence Variability, Recombination Analysis, and Specific Detection of the W Strain of <i>Plum pox virus</i> . <i>Phytopathology</i> , 2011, 101, 980-985.	2.2	31
47	PREPARATION OF AN INFECTIOUS CDNA CLONE OF THE PLUM POX VIRUS STRAIN PPV-REC. <i>Acta Horticulturae</i> , 2011, , 103-108.	0.2	3
48	Genetic Diversity of <i>Watermelon mosaic virus</i> in Slovakia and Iran Shows Distinct Pattern. <i>Plant Disease</i> , 2011, 95, 38-42.	1.4	8
49	<i>Grapevine Fleck Virus</i> Isolates Split into Two Distinct Molecular Groups. <i>Journal of Phytopathology</i> , 2011, 159, 805-807.	1.0	10
50	Mediterranean and central-eastern European countries host viruses of two different clades of plum pox virus strain M. <i>Archives of Virology</i> , 2011, 156, 539-542.	2.1	20
51	A single amino acid mutation alters the capsid protein electrophoretic double-band phenotype of the Plum pox virus strain PPV-Rec. <i>Archives of Virology</i> , 2010, 155, 1151-1155.	2.1	15
52	Analysis of multiple virus-infected grapevine plant reveals persistence but uneven virus distribution. <i>Acta Virologica</i> , 2009, 53, 281-285.	0.8	25
53	An Amino Acid Deletion in <i>Wheat streak mosaic virus</i> Capsid Protein Distinguishes a Homogeneous Group of European Isolates and Facilitates Their Specific Detection. <i>Plant Disease</i> , 2009, 93, 1209-1213.	1.4	17
54	The Determinant of Potyvirus Ability to Overcome the RTM Resistance of <i>Arabidopsis thaliana</i> Maps to the N-Terminal Region of the Coat Protein. <i>Molecular Plant-Microbe Interactions</i> , 2009, 22, 1302-1311.	2.6	114

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55	First Report of <i>Plum pox virus</i> Recombinant Strain on <i>Prunus</i> spp. in Canada. <i>Plant Disease</i> , 2009, 93, 674-674.	1.4	13
56	Molecular characterization of geographically different Cucurbit aphid-borne yellows virus isolates. <i>Acta Virologica</i> , 2009, 53, 61-64.	0.8	10
57	Biological and Molecular Variability of <i>Zucchini yellow mosaic virus</i> in Iran*. <i>Journal of Phytopathology</i> , 2008, 156, 654-659.	1.0	20
58	PREVALENCE AND GENETIC STRUCTURE OF PPV-M IN SIX EUROPEAN COUNTRIES. <i>Acta Horticulturae</i> , 2008, , 227-234.	0.2	9
59	First Report of <i>Wheat streak mosaic virus</i> in Slovakia. <i>Plant Disease</i> , 2008, 92, 1365-1365.	1.4	17
60	Analysis of the molecular and biological variability of Zucchini yellow mosaic virus isolates from Slovakia and Czech Republic. <i>Virus Genes</i> , 2007, 35, 415-421.	1.6	25
61	NATURAL POPULATION OF RECOMBINANT PLUM POX VIRUS OCCURS IN SLOVAKIA. <i>Acta Horticulturae</i> , 2006, , 419-426.	0.2	0
62	COMPARISON OF TWO METHODS OF ARTIFICIAL INOCULATION IN THE EVALUATION OF APRICOT GENOTYPES FOR RESISTANCE TO PLUM POX VIRUS. <i>Acta Horticulturae</i> , 2006, , 459-462.	0.2	0
63	Partial sequence analysis of an atypical Turkish isolate provides further information on the evolutionary history of Plum pox virus (PPV). <i>Virus Research</i> , 2005, 108, 199-206.	2.2	28
64	Geographically and temporally distant natural recombinant isolates of Plum pox virus (PPV) are genetically very similar and form a unique PPV subgroup. <i>Journal of General Virology</i> , 2004, 85, 2671-2681.	2.9	120
65	Biological and molecular characterisation of <i>Prunus necrotic ringspot virus</i> isolates and possible approaches to their phylogenetic typing. <i>Annals of Applied Biology</i> , 2002, 140, 279-283.	2.5	22
66	A Natural Population of Recombinant Plum Pox Virus is Viable and Competitive under Field Conditions. <i>European Journal of Plant Pathology</i> , 2002, 108, 843-853.	1.7	49
67	First report of <i>Cucumis melo endornavirus</i> infecting Cucurbitaceae plants in Slovakia. , 0, , .		1