Eugene V Ryabov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60 papers	3,018 citations	30 h-index	54 g-index
77 ext. papers	3,654 ext. citations	5.4 avg, IF	5.33 L-index

#	Paper	IF	Citations
60	Cold case: The disappearance of Egypt bee virus, a fourth distinct master strain of deformed wing virus linked to honeybee mortality in 1970ȧs Egypt.. *Virology Journal*, **2022**, 19, 12	6.1	2
59	Pupal cannibalism by worker honey bees contributes to the spread of deformed wing virus. *Scientific Reports*, **2021**, 11, 8989	4.9	4
58	Umbraviruses (Tombusviridae) **2021**, 827-832		
57	Honeybee intestines retain low yeast titers, but no bacterial mutualists, at emergence. *Yeast*, **2021**,	3.4	4
56	Varroa destructor mites vector and transmit pathogenic honey bee viruses acquired from an artificial diet. *PLoS ONE*, **2020**, 15, e0242688	3.7	2
55	Evidence for and against deformed wing virus spillover from honey bees to bumble bees: a reverse genetic analysis. *Scientific Reports*, **2020**, 10, 16847	4.9	16
54	Development of a Honey Bee RNA Virus Vector Based on the Genome of a Deformed Wing Virus. *Viruses*, **2020**, 12,	6.2	13
53	Deformed wing virus type A, a major honey bee pathogen, is vectored by the mite Varroa destructor in a non-propagative manner. *Scientific Reports*, **2019**, 9, 12445	4.9	37
52	Dynamic evolution in the key honey bee pathogen deformed wing virus: Novel insights into virulence and competition using reverse genetics. *PLoS Biology*, **2019**, 17, e3000502	9.7	47
51	ICTV Virus Taxonomy Profile: Polycipiviridae. *Journal of General Virology*, **2019**, 100, 554-555	4.9	6
50	ICTV Virus Taxonomy Profile: Solinviviridae. *Journal of General Virology*, **2019**, 100, 736-737	4.9	7
49	A Genetic Network for Systemic RNA Silencing in Plants. *Plant Physiology*, **2018**, 176, 2700-2719	6.6	33
48	Roles of Dicer-Like Proteins 2 and 4 in Intra- and Intercellular Antiviral Silencing. *Plant Physiology*, **2017**, 174, 1067-1081	6.6	34
47	ICTV Virus Taxonomy Profile: Iflaviridae. *Journal of General Virology*, **2017**, 98, 527-528	4.9	50
46	Invertebrate RNA virus diversity from a taxonomic point of view. *Journal of Invertebrate Pathology*, **2017**, 147, 37-50	2.6	16
45	Recent spread of Varroa destructor virus-1, a honey bee pathogen, in the United States. *Scientific Reports*, **2017**, 7, 17447	4.9	68
44	ICTV Virus Taxonomy Profile: Dicistroviridae. *Journal of General Virology*, **2017**, 98, 355-356	4.9	42

43	Iflavirus (Deformed Wing Virus) **2016**, 37-46		1
42	The Iflaviruses Sacbrood virus and Deformed wing virus evoke different transcriptional responses in the honeybee which may facilitate their horizontal or vertical transmission. *PeerJ*, **2016**, 4, e1591	3.1	35
41	A virulent strain of deformed wing virus (DWV) of honeybees (Apis mellifera) prevails after Varroa destructor-mediated, or in vitro, transmission. *PLoS Pathogens*, **2014**, 10, e1004230	7.6	215
40	MosaicSolver: a tool for determining recombinants of viral genomes from pileup data. *Nucleic Acids Research*, **2014**, 42, e123	20.1	4
39	Error correction and diversity analysis of population mixtures determined by NGS. *PeerJ*, **2014**, 2, e645	3.1	3
38	Threats to an ecosystem service: pressures on pollinators. *Frontiers in Ecology and the Environment*, **2013**, 11, 251-259	5.5	687
37	Standard methods for virus research in Apis mellifera. *Journal of Apicultural Research*, **2013**, 52, 1-56	2	176
36	A strong immune response in young adult honeybees masks their increased susceptibility to infection compared to older bees. *PLoS Pathogens*, **2012**, 8, e1003083	7.6	55
35	Involvement of RDR6 in short-range intercellular RNA silencing in Nicotiana benthamiana. *Scientific Reports*, **2012**, 2, 467	4.9	23
34	Recombinants between Deformed wing virus and Varroa destructor virus-1 may prevail in Varroa destructor-infested honeybee colonies. *Journal of General Virology*, **2011**, 92, 156-61	4.9	116
33	Suppression of local RNA silencing is not sufficient to promote cell-to-cell movement of Turnip crinkle virus in Nicotiana benthamiana. *Plant Signaling and Behavior*, **2009**, 4, 15-22	2.5	12
32	Densovirus induces winged morphs in asexual clones of the rosy apple aphid, Dysaphis plantaginea. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 8465-70	11.5	61
31	A single amino acid change in a geminiviral Rep protein differentiates between triggering a plant defence response and initiating viral DNA replication. *Journal of General Virology*, **2008**, 89, 2636-2641	4.9	7
30	Influence of viral genes on the cell-to-cell spread of RNA silencing. *Journal of Experimental Botany*, **2008**, 59, 2803-13	7	15
29	Construction of infectious cDNA clones for RNA viruses: Turnip crinkle virus. *Methods in Molecular Biology*, **2008**, 451, 491-502	1.4	1
28	Cajal bodies and the nucleolus are required for a plant virus systemic infection. *EMBO Journal*, **2007**, 26, 2169-79	13	115
27	A novel virus isolated from the aphid Brevicoryne brassicae with similarity to Hymenoptera picorna-like viruses. *Journal of General Virology*, **2007**, 88, 2590-2595	4.9	32
26	Interaction of a plant virus-encoded protein with the major nucleolar protein fibrillarin is required for systemic virus infection. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 11115-20	11.5	131

25	Nucleolar localization of potato leafroll virus capsid proteins. *Journal of General Virology*, **2005**, 86, 2891-2896	4.9	37
24	Identification of a nuclear localization signal and nuclear export signal of the umbraviral long-distance RNA movement protein. *Journal of General Virology*, **2004**, 85, 1329-1333	4.9	44
23	Cell-to-Cell, but not long-distance, spread of RNA silencing that is induced in individual epidermal cells. *Journal of Virology*, **2004**, 78, 3149-54	6.6	30
22	The C-terminal 33 amino acids of the cucumber mosaic virus 3a protein affect virus movement, RNA binding and inhibition of infection and translation. *Journal of General Virology*, **2004**, 85, 221-230	4.9	45
21	An umbraviral protein, involved in long-distance RNA movement, binds viral RNA and forms unique, protective ribonucleoprotein complexes. *Journal of Virology*, **2003**, 77, 3031-40	6.6	63
20	Umbravirus gene expression helps potato leafroll virus to invade mesophyll tissues and to be transmitted mechanically between plants. *Virology*, **2001**, 286, 363-72	3.6	68
19	Umbravirus-encoded proteins both stabilize heterologous viral RNA and mediate its systemic movement in some plant species. *Virology*, **2001**, 288, 391-400	3.6	46
18	Umbravirus-encoded movement protein induces tubule formation on the surface of protoplasts and binds RNA incompletely and non-cooperatively. *Journal of General Virology*, **2001**, 82, 2579-2588	4.9	33
17	Evidence for RNA-mediated defence effects on the accumulation of Potato leafroll virus. *Journal of General Virology*, **2001**, 82, 3099-3106	4.9	17
16	Mechanical transmission of Potato leafroll virus. *Journal of General Virology*, **2000**, 81, 2791-2795	4.9	29
15	Tagging potato leafroll virus with the jellyfish green fluorescent protein gene. *Journal of General Virology*, **2000**, 81, 617-26	4.9	26
14	A plant virus-encoded protein facilitates long-distance movement of heterologous viral RNA. *Proceedings of the National Academy of Sciences of the United States of America*, **1999**, 96, 1212-7	11.5	97
13	Host-specific cell-to-cell and long-distance movements of cucumber mosaic virus are facilitated by the movement protein of groundnut rosette virus. *Virology*, **1999**, 260, 98-108	3.6	42
12	Satellite RNA is essential for encapsidation of groundnut rosette umbravirus RNA by groundnut rosette assistor luteovirus coat protein. *Virology*, **1999**, 254, 105-14	3.6	31
11	Intracellular location of two groundnut rosette umbravirus proteins delivered by PVX and TMV vectors. *Virology*, **1998**, 242, 303-13	3.6	72
10	Two Distinct Mechanisms of Transgenic Resistance Mediated by Groundnut Rosette Virus Satellite RNA Sequences. *Molecular Plant-Microbe Interactions*, **1998**, 11, 367-374	3.6	25
9	Tomato Cell Death Mediated By Complementary Plant Viral Satellite RNA Sequences. *Molecular Plant-Microbe Interactions*, **1998**, 11, 1214-1222	3.6	19
8	Nucleotide Sequence of RNA from the Sobemovirus Found in Infected Cocksfoot Shows a Luteovirus-Like Arrangement of the Putative Replicase and Protease Genes. *Phytopathology*, **1996**, 86, 391	3.8	16

7	Use of highly conserved motifs in plant virus RNA polymerases as the tags for specific detection of carmovirus-related RNA-dependent RNA polymerase genes. *Virology*, **1995**, 207, 312-5	3.6	18
6	Nucleotide sequence of carnation ringspot dianthovirus RNA-1. *Journal of General Virology*, **1994**, 75 (Pt 1), 243-7	4.9	22
5	Nucleotide sequence of shallot virus X RNA reveals a 5aproximal cistron closely related to those of potexviruses and a unique arrangement of the 3aproximal cistrons. *Journal of General Virology*, **1992**, 73 (Pt 10), 2553-60	4.9	51
4	Diverse groups of plant RNA and DNA viruses share related movement proteins that may possess chaperone-like activity. *Journal of General Virology*, **1991**, 72 (Pt 12), 2895-903	4.9	109
3	A novel system for maintaining Varroa destructor mites on artificial diets and its application for studying mites as a vector for honey bee viruses		2
2	Deformed Wing Virus spillover from honey bees to bumble bees: a reverse genetic study		4
1	Pupal cannibalism by worker honey bees contributes to the spread of Deformed wing virus		1