# Eugene V Ryabov

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4438312/publications.pdf

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|---|---|---|---|
| 59 papers | 4,161 citations | 126708 33 h-index | 149479 56 g-index |
| 77 all docs | 77 docs citations | 77 times ranked | 3766 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Threats to an ecosystem service: pressures on pollinators. Frontiers in Ecology and the Environment, 2013, 11, 251-259. | 1.9 | 980 |
| 2 | 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. | 2.1 | 294 |
| 3 | Standard methods for virus research inApis mellifera. Journal of Apicultural Research, 2013, 52, 1-56. | 0.7 | 230 |
| 4 | 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, 11115-11120. | 3.3 | 162 |
| 5 | Recombinants between Deformed wing virus and Varroa destructor virus-1 may prevail in Varroa destructor-infested honeybee colonies. Journal of General Virology, 2011, 92, 156-161. | 1.3 | 140 |
| 6 | Diverse Groups of Plant RNA and DNA Viruses Share Related Movement Proteins that may Possess Chaperone-like Activity. Journal of General Virology, 1991, 72, 2895-2903. | 1.3 | 139 |
| 7 | Cajal bodies and the nucleolus are required for a plant virus systemic infection. EMBO Journal, 2007, 26, 2169-2179. | 3.5 | 138 |
| 8 | ICTV Virus Taxonomy Profile: Iflaviridae. Journal of General Virology, 2017, 98, 527-528. | 1.3 | 109 |
| 9 | Recent spread of Varroa destructor virus-1, a honey bee pathogen, in the United States. Scientific Reports, 2017, 7, 17447. | 1.6 | 108 |
| 10 | 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, 1212-1217. | 3.3 | 107 |
| 11 | 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, 8465-8470. | 3.3 | 86 |
| 12 | Intracellular Location of Two Groundnut Rosette Umbravirus Proteins Delivered by PVX and TMV Vectors. Virology, 1998, 242, 303-313. | 1.1 | 83 |
| 13 | 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. | 1.6 | 79 |
| 14 | ICTV Virus Taxonomy Profile: Dicistroviridae. Journal of General Virology, 2017, 98, 355-356. | 1.3 | 79 |
| 15 | Umbravirus Gene Expression Helps Potato leafroll virus to Invade Mesophyll Tissues and to be Transmitted Mechanically between Plants. Virology, 2001, 286, 363-372. | 1.1 | 76 |
| 16 | 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. | 2.6 | 75 |
| 17 | An Umbraviral Protein, Involved in Long-Distance RNA Movement, Binds Viral RNA and Forms Unique, Protective Ribonucleoprotein Complexes. Journal of Virology, 2003, 77, 3031-3040. | 1.5 | 72 |
| 18 | A Strong Immune Response in Young Adult Honeybees Masks Their Increased Susceptibility to Infection Compared to Older Bees. PLoS Pathogens, 2012, 8, e1003083. | 2.1 | 70 |

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|---|---|---|---|
| 19 | Nucleotide Sequence of Shallot Virus X RNA Reveals a 5'-proximal Cistron Closely Related to Those of Potexviruses and a Unique Arrangement of the 3'-proximal Cistrons. Journal of General Virology, 1992, 73, 2553-2560. | 1.3 | 63 |
| 20 | 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. | 0.9 | 59 |
| 21 | Roles of Dicer-Like Proteins 2 and 4 in Intra- and Intercellular Antiviral Silencing. Plant Physiology, 2017, 174, 1067-1081. | 2.3 | 57 |
| 22 | Umbravirus-Encoded Proteins both Stabilize Heterologous Viral RNA and Mediate Its Systemic Movement in Some Plant Species. Virology, 2001, 288, 391-400. | 1.1 | 52 |
| 23 | The C-terminal 33â€...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. | 1.3 | 49 |
| 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. | 1.3 | 47 |
| 25 | A Genetic Network for Systemic RNA Silencing in Plants. Plant Physiology, 2018, 176, 2700-2719. | 2.3 | 47 |
| 26 | 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. | 1.1 | 46 |
| 27 | Nucleolar localization of potato leafroll virus capsid proteins. Journal of General Virology, 2005, 86, 2891-2896. | 1.3 | 45 |
| 28 | A novel virus isolated from the aphid Brevicoryne brassicae with similarity to Hymenoptera picorna-like viruses. Journal of General Virology, 2007, 88, 2590-2595. | 1.3 | 44 |
| 29 | Evidence for and against deformed wing virus spillover from honey bees to bumble bees: a reverse genetic analysis. Scientific Reports, 2020, 10, 16847. | 1.6 | 39 |
| 30 | Mechanical transmission of Potato leafroll virus. Journal of General Virology, 2000, 81, 2791-2795. | 1.3 | 39 |
| 31 | Tagging Potato leafroll virus with the jellyfish green fluorescent protein gene. Journal of General Virology, 2000, 81, 617-626. | 1.3 | 37 |
| 32 | 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. | 1.3 | 37 |
| 33 | Satellite RNA Is Essential for Encapsidation of Groundnut Rosette Umbravirus RNA by Groundnut Rosette Assistor Luteovirus Coat Protein. Virology, 1999, 254, 105-114. | 1.1 | 36 |
| 34 | Cell-to-Cell, but Not Long-Distance, Spread of RNA Silencing That Is Induced in Individual Epidermal Cells. Journal of Virology, 2004, 78, 3149-3154. | 1.5 | 33 |
| 35 | Invertebrate RNA virus diversity from a taxonomic point of view. Journal of Invertebrate Pathology, 2017, 147, 37-50. | 1.5 | 29 |
| 36 | Nucleotide sequence of carnation ringspot dianthovirus RNA-1. Journal of General Virology, 1994, 75, 243-247. | 1.3 | 28 |

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|---|---|---|---|
| 37 | Two Distinct Mechanisms of Transgenic Resistance Mediated by Groundnut Rosette Virus Satellite RNA Sequences. Molecular Plant-Microbe Interactions, 1998, 11, 367-374. | 1.4 | 28 |
| 38 | 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. | 1.1 | 27 |
| 39 | Involvement of RDR6 in short-range intercellular RNA silencing in Nicotiana benthamiana. Scientific Reports, 2012, 2, 467. | 1.6 | 26 |
| 40 | Varroa destructor mites vector and transmit pathogenic honey bee viruses acquired from an artificial diet. PLoS ONE, 2020, 15, e0242688. | 1.1 | 25 |
| 41 | Development of a Honey Bee RNA Virus Vector Based on the Genome of a Deformed Wing Virus. Viruses, 2020, 12, 374. | 1.5 | 23 |
| 42 | Pupal cannibalism by worker honey bees contributes to the spread of deformed wing virus. Scientific Reports, 2021, 11, 8989. | 1.6 | 22 |
| 43 | 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, 312-315. | 1.1 | 20 |
| 44 | Tomato Cell Death Mediated By Complementary Plant Viral Satellite RNA Sequences. Molecular Plant-Microbe Interactions, 1998, 11, 1214-1222. | 1.4 | 20 |
| 45 | Evidence for RNA-mediated defence effects on the accumulation of Potato leafroll virus. Journal of General Virology, 2001, 82, 3099-3106. | 1.3 | 18 |
| 46 | Cold case: The disappearance of Egypt bee virus, a fourth distinct master strain of deformed wing virus linked to honeybee mortality in 1970â€™s Egypt. Virology Journal, 2022, 19, 12. | 1.4 | 17 |
| 47 | Influence of viral genes on the cell-to-cell spread of RNA silencing. Journal of Experimental Botany, 2008, 59, 2803-2813. | 2.4 | 16 |
| 48 | ICTV Virus Taxonomy Profile: Solinviviridae. Journal of General Virology, 2019, 100, 736-737. | 1.3 | 15 |
| 49 | Suppression of local RNA silencing is not sufficient to promote cell-to-cell movement ofTurnip crinkle virusinNicotiana benthamiana. Plant Signaling and Behavior, 2009, 4, 15-22. | 1.2 | 12 |
| 50 | ICTV Virus Taxonomy Profile: Polycipiviridae. Journal of General Virology, 2019, 100, 554-555. | 1.3 | 12 |
| 51 | Honeybee intestines retain low yeast titers, but no bacterial mutualists, at emergence. Yeast, 2022, 39, 95-107. | 0.8 | 11 |
| 52 | 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. | 1.3 | 9 |
| 53 | Beeporter: Tools for highâ€throughput analyses of pollinatorâ€virus infections. Molecular Ecology Resources, 2022, 22, 978-987. | 2.2 | 9 |
| 54 | MosaicSolver: a tool for determining recombinants of viral genomes from pileup data. Nucleic Acids Research, 2014, 42, e123-e123. | 6.5 | 6 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Error correction and diversity analysis of population mixtures determined by NGS. PeerJ, 2014, 2, e645. | 0.9 | 4 |
| 56 | Iflavirus (Deformed Wing Virus). , 2016, , 37-46. | | 2 |
| 57 | Construction of Infectious cDNA Clones for RNA Viruses: Turnip Crinkle Virus. Methods in Molecular Biology, 2008, 451, 491-502. | 0.4 | 1 |
| 58 | Special Issue â€œEvolution and Diversity of Insect Virusesâ€• Viruses, 2022, 14, 2. | 1.5 | 1 |
| 59 | Umbraviruses (Tombusviridae). , 2021, , 827-832. | | 0 |