

Johannes A Jehle

List of Publications by Year in descending order

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78
papers

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citations

257101

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docs citations

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times ranked

1671
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#	ARTICLE	IF	CITATIONS
1	Molecular identification and phylogenetic analysis of baculoviruses from Lepidoptera. <i>Virology</i> , 2006, 346, 180-193.	1.1	231
2	Baculovirus Phylogeny and Evolution. <i>Current Drug Targets</i> , 2007, 8, 1043-1050.	1.0	110
3	Nudiviruses and other large, double-stranded circular DNA viruses of invertebrates: New insights on an old topic. <i>Journal of Invertebrate Pathology</i> , 2009, 101, 187-193.	1.5	109
4	ICTV Virus Taxonomy Profile: Baculoviridae. <i>Journal of General Virology</i> , 2018, 99, 1185-1186.	1.3	101
5	Towards a molecular identification and classification system of lepidopteran-specific baculoviruses. <i>Virology</i> , 2004, 325, 36-47.	1.1	100
6	The genome of the <i>Cryptophlebia leucotreta</i> granulovirus. <i>Virology</i> , 2003, 317, 220-236.	1.1	89
7	Biological activity and field efficacy of a genetically modified <i>Helicoverpa armigera</i> single-nucleocapsid nucleopolyhedrovirus expressing an insect-selective toxin from a chimeric promoter. <i>Biological Control</i> , 2004, 29, 124-137.	1.4	83
8	Genome Analysis of a <i>Glossina pallidipes</i> Salivary Gland Hypertrophy Virus Reveals a Novel, Large, Double-Stranded Circular DNA Virus. <i>Journal of Virology</i> , 2008, 82, 4595-4611.	1.5	78
9	The Genome of <i>Gryllus bimaculatus</i> Nudivirus Indicates an Ancient Diversification of Baculovirus-Related Nonoccluded Nudiviruses of Insects. <i>Journal of Virology</i> , 2007, 81, 5395-5406.	1.5	70
10	Horizontal Escape of the Novel Tc1-Like Lepidopteran Transposon TCp3.2 into <i>Cydia pomonella</i> Granulovirus. <i>Journal of Molecular Evolution</i> , 1998, 46, 215-224.	0.8	68
11	Atomic structure of granulins determined from native nanocrystalline granulovirus using an X-ray free-electron laser. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2247-2252.	3.3	65
12	Field resistance of codling moth against <i>Cydia pomonella</i> granulovirus (CpGV) is autosomal and incompletely dominant inherited. <i>Journal of Invertebrate Pathology</i> , 2006, 93, 201-206.	1.5	62
13	The genome of <i>Oryctes rhinoceros</i> nudivirus provides novel insight into the evolution of nuclear arthropod-specific large circular double-stranded DNA viruses. <i>Virus Genes</i> , 2011, 42, 444-456.	0.7	53
14	Diversity and evolution of the <i>Cydia pomonella</i> granulovirus. <i>Journal of General Virology</i> , 2009, 90, 662-671.	1.3	52
15	Baculovirus resistance in codling moth is virus isolate-dependent and the consequence of a mutation in viral gene <i>pe38</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 15711-15716.	3.3	52
16	Baculovirus resistance in codling moth (<i>Cydia pomonella</i> L.) caused by early block of virus replication. <i>Virology</i> , 2011, 410, 360-367.	1.1	51
17	In vitro plant regeneration from leaves and internode sections of sweet cherry cultivars (<i>Prunus</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 2.8 50		
18	Expression of Cry3Bb1 in transgenic corn MON88017. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 9990-9996.	2.4	48

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19	Baculovirus Kimura two-parameter species demarcation criterion is confirmed by the distances of 38 core gene nucleotide sequences. <i>Journal of General Virology</i> , 2018, 99, 1307-1320.	1.3	40
20	Comparative study on the susceptibility of cutworms (Lepidoptera: Noctuidae) to <i>Agrotis segetum</i> nucleopolyhedrovirus and <i>Agrotis ipsilon</i> nucleopolyhedrovirus. <i>Journal of Invertebrate Pathology</i> , 2003, 84, 75-82.	1.5	36
21	Analysis of the ecdysteroid UDP-glucosyltransferase gene of <i>Heliothis armigera</i> single-nucleocapsid baculovirus. <i>Virus Genes</i> , 1997, 15, 219-225.	0.7	35
22	Nudivirus genomics: Diversity and classification. <i>Virologica Sinica</i> , 2007, 22, 128-136.	1.2	33
23	Phylogeny and evolution of Hytrosaviridae. <i>Journal of Invertebrate Pathology</i> , 2013, 112, S62-S67.	1.5	30
24	Sequencing of the large dsDNA genome of <i>Oryctes rhinoceros</i> nudivirus using multiple displacement amplification of nanogram amounts of virus DNA. <i>Journal of Virological Methods</i> , 2008, 152, 106-108.	1.0	27
25	Unraveling the Entry Mechanism of Baculoviruses and Its Evolutionary Implications. <i>Journal of Virology</i> , 2014, 88, 2301-2311.	1.5	27
26	Effects of insecticidal crystal proteins (Cry proteins) produced by genetically modified maize (Bt) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50 4	3.7	24
27	Novel resistance to <i>Cydia pomonella</i> granulovirus (CpGV) in codling moth shows autosomal and dominant inheritance and confers cross-resistance to different CpGV genome groups. <i>PLoS ONE</i> , 2017, 12, e0179157.	1.1	24
28	Sex linkage of CpGV resistance in a heterogeneous field strain of the codling moth <i>Cydia pomonella</i> (L.). <i>Journal of Invertebrate Pathology</i> , 2010, 103, 59-64.	1.5	23
29	High stability and no fitness costs of the resistance of codling moth to <i>Cydia pomonella</i> granulovirus (CpGV-M). <i>Journal of Invertebrate Pathology</i> , 2012, 111, 136-142.	1.5	22
30	Homologous recombination between the inverted terminal repeats of defective transposon TCp3.2 causes an inversion in the genome of <i>Cydia pomonella</i> granulovirus. <i>Journal of General Virology</i> , 2002, 83, 1573-1578.	1.3	22
31	The Mosaic Structure of the Polyhedrin Gene of the <i>Autographa californica</i> Nucleopolyhedrovirus (AcMNPV). <i>Virus Genes</i> , 2004, 29, 5-8.	0.7	21
32	Characterization and phylogenetic analysis of the chitinase gene from the <i>Helicoverpa armigera</i> single nucleocapsid nucleopolyhedrovirus. <i>Virus Research</i> , 2004, 100, 179-189.	1.1	20
33	Biological and molecular characterization of a multicapsid nucleopolyhedrovirus from <i>Thysanoplusia orichalcea</i> (L.) (Lepidoptera: Noctuidae). <i>Journal of Invertebrate Pathology</i> , 2005, 88, 126-135.	1.5	20
34	Basic techniques in insect virology. , 2012, , 15-74.		20
35	Using Next Generation Sequencing to Identify and Quantify the Genetic Composition of Resistance-Breaking Commercial Isolates of <i>Cydia pomonella</i> Granulovirus. <i>Viruses</i> , 2017, 9, 250.	1.5	20
36	Small-scale microcosms to detect chemical induced changes in soil nematode communities " Effects of crystal proteins and Bt-maize plant material. <i>Science of the Total Environment</i> , 2014, 472, 662-671.	3.9	19

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37	ICTV Virus Taxonomy Profile: Nudiviridae. <i>Journal of General Virology</i> , 2020, 101, 3-4.	1.3	19
38	Virulence and competitiveness of <i>Cydia pomonella</i> granulovirus mutants: parameters that do not match. <i>Journal of General Virology</i> , 2005, 86, 2731-2738.	1.3	18
39	Resistance to <i>Cydia pomonella</i> granulovirus follows a geographically widely distributed inheritance type within Europe. <i>BioControl</i> , 2013, 58, 525-534.	0.9	17
40	On the susceptibility of the box tree moth <i>Cydalima perspectalis</i> to <i>Anagrapha falcifera</i> nucleopolyhedrovirus (AnfaNPV). <i>Journal of Invertebrate Pathology</i> , 2013, 113, 191-197.	1.5	16
41	Deciphering Single Nucleotide Polymorphisms and Evolutionary Trends in Isolates of the <i>Cydia pomonella</i> granulovirus. <i>Viruses</i> , 2017, 9, 227.	1.5	16
42	The genome sequence of <i>Agrotis segetum</i> nucleopolyhedrovirus B (AgseNPV-B) reveals a new baculovirus species within the <i>Agrotis</i> baculovirus complex. <i>Virus Genes</i> , 2015, 50, 260-276.	0.7	15
43	The expansion of a hypervariable, non-hr ori-like region in the genome of <i>Cryptophlebia leucotreta</i> granulovirus provides in vivo evidence for the utilization of baculovirus non-hr oris during replication. <i>Journal of General Virology</i> , 2002, 83, 2025-2034.	1.3	14
44	Genetic analysis of <i>Cydia pomonella</i> (Lepidoptera: Tortricidae) populations with different levels of sensitivity towards the <i>Cydia pomonella</i> granulovirus (CpGV). <i>Genetica</i> , 2012, 140, 235-247.	0.5	13
45	Single nucleotide polymorphism (SNP) frequencies and distribution reveal complex genetic composition of seven novel natural isolates of <i>Cydia pomonella</i> granulovirus. <i>Virology</i> , 2020, 541, 32-40.	1.1	13
46	Morphological and molecular investigations of a microsporidium infecting the European grape vine moth, <i>Lobesia botrana</i> Den. et Schiff., and its taxonomic determination as <i>Cystosporogenes legeri</i> nov. comb.. <i>Journal of Invertebrate Pathology</i> , 2003, 83, 240-248.	1.5	12
47	Detection and quantitation of <i>Agrotis</i> baculoviruses in mixed infections. <i>Journal of Virological Methods</i> , 2014, 197, 39-46.	1.0	12
48	Stability of Cry1Ab protein during long-term storage for standardization of insect bioassays. <i>Environmental Biosafety Research</i> , 2009, 8, 113-119.	1.1	11
49	Cloning of complete genomes of large dsDNA viruses by in vitro transposition of an F factor containing transposon. <i>Journal of Virological Methods</i> , 2010, 167, 95-99.	1.0	10
50	Population structure of <i>Cydia pomonella</i> granulovirus isolates revealed by quantitative analysis of genetic variation. <i>Virus Evolution</i> , 2021, 7, veaa073.	2.2	10
51	Rapid degradation of the Cry3Bb1 protein from <i>Diabrotica</i> -resistant Bt-corn MON88017 during ensilation and fermentation in biogas production facilities. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 1709-1715.	1.7	9
52	Universal primers for rapid detection of hytrosaviruses. <i>Journal of Virological Methods</i> , 2011, 171, 280-283.	1.0	9
53	Mortality of Cutworm Larvae Is Not Enhanced by <i>Agrotis segetum</i> Granulovirus and <i>Agrotis segetum</i> Nucleopolyhedrovirus B Coinfection Relative to Single Infection by Either Virus. <i>Applied and Environmental Microbiology</i> , 2015, 81, 2893-2899.	1.4	9
54	Novel Diversity and Virulence Patterns Found in New Isolates of <i>Cydia pomonella</i> Granulovirus from China. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	8

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55	Bacsnp: Using Single Nucleotide Polymorphism (SNP) Specificities and Frequencies to Identify Genotype Composition in Baculoviruses. <i>Viruses</i> , 2020, 12, 625.	1.5	8
56	Monitoring Insect Transposable Elements in Large Double-Stranded DNA Viruses Reveals Host-to-Virus and Virus-to-Virus Transposition. <i>Molecular Biology and Evolution</i> , 2021, 38, 3512-3530.	3.5	8
57	Effects of a Covert Infection with <i>Phthorimaea operculella granulovirus</i> in Insect Populations of <i>Phthorimaea operculella</i> . <i>Viruses</i> , 2019, 11, 337.	1.5	7
58	The potential of novel African isolates of <i>Phthorimaea operculella granulovirus</i> for the control of <i>Tuta absoluta</i> . <i>Journal of Applied Entomology</i> , 2019, 143, 11-20.	0.8	7
59	Genome Sequence of a <i>Spodoptera frugiperda</i> Multiple Nucleopolyhedrovirus Isolated from Fall Armyworm (<i>Spodoptera frugiperda</i>) in Nigeria, West Africa. <i>Microbiology Resource Announcements</i> , 2021, 10, e0056521.	0.3	7
60	Elucidating the genetic diversity of <i>Phthorimaea operculella granulovirus</i> (PhopGV). <i>Journal of General Virology</i> , 2019, 100, 679-690.	1.3	7
61	First Evidence of CpGV Resistance of Codling Moth in the USA. <i>Insects</i> , 2022, 13, 533.	1.0	7
62	The genome sequence of <i>Agrotis segetum granulovirus</i> , isolate AgseGV-DA, reveals a new Betabaculovirus species of a slow killing granulovirus. <i>Journal of Invertebrate Pathology</i> , 2017, 146, 58-68.	1.5	6
63	Sequence analysis and quantification of transposase cDNAs of transposon TCp3.2 in <i>Cydia pomonella</i> larvae. <i>Archives of Insect Biochemistry and Physiology</i> , 2006, 63, 135-145.	0.6	5
64	Patterns in Genotype Composition of Indian Isolates of the <i>Bombyx mori</i> Nucleopolyhedrovirus and <i>Bombyx mori</i> Bidsenovirus. <i>Viruses</i> , 2021, 13, 901.	1.5	5
65	Infection effects of the new microsporidian species <i>Tubulinosema suzukii</i> on its host <i>Drosophila suzukii</i> . <i>Scientific Reports</i> , 2021, 11, 10151.	1.6	5
66	<i>Cryptophlebia peltastica</i> Nucleopolyhedrovirus Is Highly Infectious to Codling Moth Larvae and Cells. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	1.4	4
67	Investigating the horizontal transmission of the <i>Cydia pomonella granulovirus</i> (CpGV) in a model system. <i>Biological Control</i> , 2004, 30, 538-545.	1.4	3
68	Interaction of <i>Phthorimaea operculella granulovirus</i> with a <i>Nosema</i> sp. microsporidium in larvae of <i>Phthorimaea operculella</i> . <i>Journal of Invertebrate Pathology</i> , 2019, 160, 76-86.	1.5	3
69	Biological activity and genome composition of a Tunisian isolate of <i>Spodoptera littoralis</i> nucleopolyhedrovirus (SpliNPV-Tun2). <i>Egyptian Journal of Biological Pest Control</i> , 2022, 32, .	0.8	3
70	<i>Agrotis segetum</i> nucleopolyhedrovirus but not <i>Agrotis segetum granulovirus</i> replicate in AiE1611T cell line of <i>Agrotis ipsilon</i> . <i>Journal of Invertebrate Pathology</i> , 2018, 151, 7-13.	1.5	2
71	Partial Loss of Inheritable Type I Resistance of Codling Moth to <i>Cydia pomonella granulovirus</i> . <i>Viruses</i> , 2019, 11, 570.	1.5	2
72	Transcriptome of <i>Cydia pomonella granulovirus</i> in susceptible and type I resistant codling moth larvae. <i>Journal of General Virology</i> , 2021, 102, .	1.3	2

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73	Possible functional co-operation of palindromes hr3 and hr4 in the genome of <i>Cydia pomonella</i> granulovirus affects viral replication capacity. <i>Journal of General Virology</i> , 2015, 96, 2888-2897.	1.3	2
74	Cross-Resistance of the Codling Moth against Different Isolates of <i>Cydia pomonella</i> Granulovirus Is Caused by Two Different but Genetically Linked Resistance Mechanisms. <i>Viruses</i> , 2021, 13, 1952.	1.5	2
75	Andr� Paillot (1885�1944): His work lives on. <i>Journal of Invertebrate Pathology</i> , 2009, 101, 162-168.	1.5	1
76	Betabaculovirus. , 2011, , 119-127.		1
77	Gene expression patterns of <i>Cydia pomonella</i> granulovirus in codling moth larvae revealed by RNAseq analysis. <i>Virology</i> , 2021, 558, 110-118.	1.1	0
78	Identification of a new nucleopolyhedrovirus isolated from the olive leaf moth, <i>Palpita vitrealis</i> , from two locations in Egypt. <i>Journal of Invertebrate Pathology</i> , 2022, 192, 107770.	1.5	0