Johannes A Jehle

List of Publications by Year
in descending order

78 papers	2,263 citations	257101 24 h-index	233125 45 g-index
78 all docs	78 docs citations	78 times ranked	1671 citing authors

#	Article	IF	Citations
1	Identification of a new nucleopolyhedrovirus isolated from the olive leaf moth, Palpita vitrealis, from two locations in Egypt. Journal of Invertebrate Pathology, 2022, 192, 107770.	1.5	0
2	First Evidence of CpGV Resistance of Codling Moth in the USA. Insects, 2022, 13, 533.	1.0	7
3	Biological activity and genome composition of a Tunisian isolate of Spodoptera littoralis nucleopolyhedrovirus (SpliNPV-Tun2). Egyptian Journal of Biological Pest Control, 2022, 32, .	0.8	3
4	Population structure of Cydia pomonella granulovirus isolates revealed by quantitative analysis of genetic variation. Virus Evolution, 2021, 7, veaa073.	2.2	10
5	Transcriptome of Cydia pomonella granulovirus in susceptible and type I resistant codling moth larvae. Journal of General Virology, 2021, 102, .	1.3	2
6	Patterns in Genotype Composition of Indian Isolates of the Bombyx mori Nucleopolyhedrovirus and Bombyx mori Bidensovirus. Viruses, 2021, 13, 901.	1.5	5
7	Infection effects of the new microsporidian species Tubulinosema suzukii on its host Drosophila suzukii. Scientific Reports, 2021, 11, 10151.	1.6	5
8	Monitoring Insect Transposable Elements in Large Double-Stranded DNA Viruses Reveals Host-to-Virus and Virus-to-Virus Transposition. Molecular Biology and Evolution, 2021, 38, 3512-3530.	3.5	8
9	Gene expression patterns of Cydia pomonella granulovirus in codling moth larvae revealed by RNAseq analysis. Virology, 2021, 558, 110-118.	1.1	0
10	Genome Sequence of a Spodoptera frugiperda Multiple Nucleopolyhedrovirus Isolated from Fall Armyworm (Spodoptera frugiperda) in Nigeria, West Africa. Microbiology Resource Announcements, 2021, 10, e0056521.	0.3	7
11	Cross-Resistance of the Codling Moth against Different Isolates of Cydia pomonella Granulovirus Is Caused by Two Different but Genetically Linked Resistance Mechanisms. Viruses, 2021, 13, 1952.	1.5	2
12	Novel Diversity and Virulence Patterns Found in New Isolates of Cydia pomonella Granulovirus from China. Applied and Environmental Microbiology, 2020, 86, .	1.4	8
13	Single nucleotide polymorphism (SNP) frequencies and distribution reveal complex genetic composition of seven novel natural isolates of Cydia pomonella granulovirus. Virology, 2020, 541, 32-40.	1.1	13
14	Bacsnp: Using Single Nucleotide Polymorphism (SNP) Specificities and Frequencies to Identify Genotype Composition in Baculoviruses. Viruses, 2020, 12, 625.	1.5	8
15	ICTV Virus Taxonomy Profile: Nudiviridae. Journal of General Virology, 2020, 101, 3-4.	1.3	19
16	Partial Loss of Inheritable Type I Resistance of Codling Moth to Cydia pomonella granulovirus. Viruses, 2019, 11, 570.	1.5	2
17	Cryptophlebia peltastica Nucleopolyhedrovirus Is Highly Infectious to Codling Moth Larvae and Cells. Applied and Environmental Microbiology, 2019, 85, .	1.4	4
18	Effects of a Covert Infection with Phthorimaea operculella granulovirus in Insect Populations of Phthorimaea operculella. Viruses, 2019, 11, 337.	1.5	7

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19	Interaction of Phthorimaea operculella granulovirus with a Nosema sp. microsporidium in larvae of Phthorimaea operculella. Journal of Invertebrate Pathology, 2019, 160, 76-86.	1.5	3
20	The potential of novel African isolates of Phthorimaea operculella granulovirus for the control of <i>Tuta absoluta</i>. Journal of Applied Entomology, 2019, 143, 11-20.	0.8	7
21	Elucidating the genetic diversity of Phthorimaea operculella granulovirus (PhopGV). Journal of General Virology, 2019, 100, 679-690.	1.3	7
22	Agrotis segetum nucleopolyhedrovirus but not Agrotis segetum granulovirus replicate in AiE1611T cell line of Agrotisipsilon. Journal of Invertebrate Pathology, 2018, 151, 7-13.	1.5	2
23	Baculovirus Kimura two-parameter species demarcation criterion is confirmed by the distances of 38 core gene nucleotide sequences. Journal of General Virology, 2018, 99, 1307-1320.	1.3	40
24	ICTV Virus Taxonomy Profile: Baculoviridae. Journal of General Virology, 2018, 99, 1185-1186.	1.3	101
25	Atomic structure of granulin determined from native nanocrystalline granulovirus using an X-ray free-electron laser. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2247-2252.	3.3	65
26	The genome sequence of Agrotis segetum granulovirus, isolate AgseGV-DA, reveals a new Betabaculovirus species of a slow killing granulovirus. Journal of Invertebrate Pathology, 2017, 146, 58-68.	1.5	6
27	Deciphering Single Nucleotide Polymorphisms and Evolutionary Trends in Isolates of the Cydia pomonella granulovirus. Viruses, 2017, 9, 227.	1.5	16
28	Using Next Generation Sequencing to Identify and Quantify the Genetic Composition of Resistance-Breaking Commercial Isolates of Cydia pomonella Granulovirus. Viruses, 2017, 9, 250.	1.5	20
29	Novel resistance to Cydia pomonella granulovirus (CpGV) in codling moth shows autosomal and dominant inheritance and confers cross-resistance to different CpGV genome groups. PLoS ONE, 2017, 12, e0179157.	1.1	24
30	Mortality of Cutworm Larvae Is Not Enhanced by Agrotis segetum Granulovirus and Agrotis segetum Nucleopolyhedrovirus B Coinfection Relative to Single Infection by Either Virus. Applied and Environmental Microbiology, 2015, 81, 2893-2899.	1.4	9
31	The genome sequence of Agrotis segetum nucleopolyhedrovirus B (AgseNPV-B) reveals a new baculovirus species within the Agrotis baculovirus complex. Virus Genes, 2015, 50, 260-276.	0.7	15
32	Possible functional co-operation of palindromes hr3 and hr4 in the genome of Cydia pomonella granulovirus affects viral replication capacity. Journal of General Virology, 2015, 96, 2888-2897.	1.3	2
33	Unraveling the Entry Mechanism of Baculoviruses and Its Evolutionary Implications. Journal of Virology, 2014, 88, 2301-2311.	1.5	27
34	Detection and quantitation of Agrotis baculoviruses in mixed infections. Journal of Virological Methods, 2014, 197, 39-46.	1.0	12
35	Small-scale microcosms to detect chemical induced changes in soil nematode communities â€" Effects of crystal proteins and Bt-maize plant material. Science of the Total Environment, 2014, 472, 662-671.	3.9	19
36	Baculovirus resistance in codling moth is virus isolate-dependent and the consequence of a mutation in viral gene <i>pe38</i>. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 15711-15716.	3.3	52

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37	Resistance to Cydia pomonella granulovirus follows a geographically widely distributed inheritance type within Europe. BioControl, 2013, 58, 525-534.	0.9	17
38	Effects of insecticidal crystal proteins (Cry proteins) produced by genetically modified maize (Bt) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7	3.7	24
39	On the susceptibility of the box tree moth Cydalima perspectalis to Anagrapha falcifera nucleopolyhedrovirus (AnfaNPV). Journal of Invertebrate Pathology, 2013, 113, 191-197.	1.5	16
40	Phylogeny and evolution of Hytrosaviridae. Journal of Invertebrate Pathology, 2013, 112, S62-S67.	1.5	30
41	Basic techniques in insect virology. , 2012, , 15-74.		20
42	Genetic analysis of Cydia pomonella (Lepidoptera: Tortricidae) populations with different levels of sensitivity towards the Cydia pomonella granulovirus (CpGV). Genetica, 2012, 140, 235-247.	0.5	13
43	High stability and no fitness costs of the resistance of codling moth to Cydia pomonella granulovirus (CpGV-M). Journal of Invertebrate Pathology, 2012, 111, 136-142.	1.5	22
44	Universal primers for rapid detection of hytrosaviruses. Journal of Virological Methods, 2011, 171, 280-283.	1.0	9
45	Baculovirus resistance in codling moth (Cydia pomonella L.) caused by early block of virus replication. Virology, 2011, 410, 360-367.	1.1	51
46	The genome of Oryctes rhinoceros nudivirus provides novel insight into the evolution of nuclear arthropod-specific large circular double-stranded DNA viruses. Virus Genes, 2011, 42, 444-456.	0.7	53
47	Betabaculovirus. , 2011, , 119-127.		1
48	Cloning of complete genomes of large dsDNA viruses by in vitro transposition of an F factor containing transposon. Journal of Virological Methods, 2010, 167, 95-99.	1.0	10
49	Sex linkage of CpGV resistance in a heterogeneous field strain of the codling moth Cydia pomonella (L.). Journal of Invertebrate Pathology, 2010, 103, 59-64.	1.5	23
50	Diversity and evolution of the Cydia pomonella granulovirus. Journal of General Virology, 2009, 90, 662-671.	1.3	52
51	AndrÃ© Paillot (1885â€"1944): His work lives on. Journal of Invertebrate Pathology, 2009, 101, 162-168.	1.5	1
52	Nudiviruses and other large, double-stranded circular DNA viruses of invertebrates: New insights on an old topic. Journal of Invertebrate Pathology, 2009, 101, 187-193.	1.5	109
53	Expression of Cry3Bb1 in transgenic corn MON88017. Journal of Agricultural and Food Chemistry, 2009, 57, 9990-9996.	2.4	48
54	Stability of Cry1Ab protein during long-term storage for standardization of insect bioassays. Environmental Biosafety Research, 2009, 8, 113-119.	1.1	11

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55	Rapid degradation of the Cry3Bb1 protein from <i>Diabrotica</i>â€resistant Btâ€corn MON88017 during ensilation and fermentation in biogas production facilities. Journal of the Science of Food and Agriculture, 2008, 88, 1709-1715.	1.7	9
56	Sequencing of the large dsDNA genome of Oryctes rhinoceros nudivirus using multiple displacement amplification of nanogram amounts of virus DNA. Journal of Virological Methods, 2008, 152, 106-108.	1.0	27
57	Genome Analysis of a <i>Glossina pallidipes</i> Salivary Gland Hypertrophy Virus Reveals a Novel, Large, Double-Stranded Circular DNA Virus. Journal of Virology, 2008, 82, 4595-4611.	1.5	78
58	Baculovirus Phylogeny and Evolution. Current Drug Targets, 2007, 8, 1043-1050.	1.0	110
59	The Genome of Gryllus bimaculatus Nudivirus Indicates an Ancient Diversification of Baculovirus-Related Nonoccluded Nudiviruses of Insects. Journal of Virology, 2007, 81, 5395-5406.	1.5	70
60	Nudivirus genomics: Diversity and classification. Virologica Sinica, 2007, 22, 128-136.	1.2	33
61	Molecular identification and phylogenetic analysis of baculoviruses from Lepidoptera. Virology, 2006, 346, 180-193.	1.1	231
62	Field resistance of codling moth against Cydia pomonella granulovirus (CpGV) is autosomal and incompletely dominant inherited. Journal of Invertebrate Pathology, 2006, 93, 201-206.	1.5	62
63	Sequence analysis and quantification of transposase cDNAs of transposon TCp3.2 inCydia pomonella larvae. Archives of Insect Biochemistry and Physiology, 2006, 63, 135-145.	0.6	5
64	In vitro plant regeneration from leaves and internode sections of sweet cherry cultivars (Prunus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	2.8	50
65	Virulence and competitiveness of Cydia pomonella granulovirus mutants: parameters that do not match. Journal of General Virology, 2005, 86, 2731-2738.	1.3	18
66	Biological and molecular characterization of a multicapsid nucleopolyhedrovirus from Thysanoplusia orichalcea (L.) (Lepidoptera: Noctuidae). Journal of Invertebrate Pathology, 2005, 88, 126-135.	1.5	20
67	Towards a molecular identification and classification system of lepidopteran-specific baculoviruses. Virology, 2004, 325, 36-47.	1.1	100
68	The Mosaic Structure of the Polyhedrin Gene of the Autographa californica Nucleopolyhedrovirus (AcMNPV). Virus Genes, 2004, 29, 5-8.	0.7	21
69	Investigating the horizontal transmission of the Cydia pomonella granulovirus (CpGV) in a model system. Biological Control, 2004, 30, 538-545.	1.4	3
70	Characterization and phylogenetic analysis of the chitinase gene from the Helicoverpa armigera single nucleocapsid nucleopolyhedrovirus. Virus Research, 2004, 100, 179-189.	1.1	20
71	Biological activity and field efficacy of a genetically modified Helicoverpa armigera single-nucleocapsid nucleopolyhedrovirus expressing an insect-selective toxin from a chimeric promoter. Biological Control, 2004, 29, 124-137.	1.4	83
72	The genome of the Cryptophlebia leucotreta granulovirus. Virology, 2003, 317, 220-236.	1.1	89

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73	Comparative study on the susceptibility of cutworms (Lepidoptera: Noctuidae) to Agrotis segetum nucleopolyhedrovirus and Agrotis ipsilon nucleopolyhedrovirus. Journal of Invertebrate Pathology, 2003, 84, 75-82.	1.5	36
74	Morphological and molecular investigations of a microsporidium infecting the European grape vine moth, Lobesia botrana Den. et Schiff., and its taxonomic determination as Cystosporogenes legeri nov. comb.. Journal of Invertebrate Pathology, 2003, 83, 240-248.	1.5	12
75	Homologous recombination between the inverted terminal repeats of defective transposon TCp3.2 causes an inversion in the genome of Cydia pomonella granulovirus. Journal of General Virology, 2002, 83, 1573-1578.	1.3	22
76	The expansion of a hypervariable, non-hr ori-like region in the genome of Cryptophlebia leucotreta granulovirus provides in vivo evidence for the utilization of baculovirus non-hr oris during replication. Journal of General Virology, 2002, 83, 2025-2034.	1.3	14
77	Horizontal Escape of the Novel Tc1-Like Lepidopteran Transposon TCp3.2 into Cydia pomonella Granulovirus. Journal of Molecular Evolution, 1998, 46, 215-224.	0.8	68
78	Analysis of the ecdysteroid UDP-glucosyltransferase gene of Heliothis armigera single-nucleocapsid baculovirus. Virus Genes, 1997, 15, 219-225.	0.7	35