Eric B Carstens

List of Publications by Year
in descending order

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41 papers	1,651 citations	304602 22 h-index	302012 39 g-index
41 all docs	41 docs citations	41 times ranked	348 citing authors

#	Article	IF	Citations
1	Infection of Spodoptera frugiperda cells with Autographa californica nuclear polyhedrosis virus I. Synthesis of intracellular proteins after virus infection. Virology, 1979, 99, 386-398.	1.1	202
2	Infection of Spodoptera frugiperda cells with Autographa californica nuclear polyhedrosis virus. Virology, 1979, 99, 399-409.	1.1	166
3	Nucleotide sequence of a gene essential for viral DNA replication in the baculovirus Autographa californica nuclear polyhedrosis virus. Virology, 1991, 181, 336-347.	1.1	161
4	Immediate-Early Baculovirus Genes Transactivate the p143 Gene Promoter of Autographa californica Nuclear Polyhedrosis Virus. Virology, 1993, 195, 710-718.	1.1	115
5	Phenotypic characterization and physical mapping of a temperature-sensitive mutant of autographa californica nuclear polyhedrosis virus defective in DNA synthesis. Virology, 1984, 138, 69-81.	1.1	102
6	Molecular Cloning and Physical Mapping of Restriction Endonuclease Fragments of Autographa californica Nuclear Polyhedrosis Virus DNA. Journal of Virology, 1982, 41, 940-946.	1.5	101
7	A Baculovirus Single-Stranded DNA Binding Protein, LEF-3, Mediates the Nuclear Localization of the Putative Helicase P143. Virology, 1998, 247, 32-40.	1.1	64
8	Infectious DNA from Autographa californica nuclear polyhedrosis virus. Virology, 1980, 101, 311-314.	1.1	56
9	Identification and nucleotide sequence of the regions of Autographa californica nuclear polyhedrosis virus genome carrying insertion elements derived from Spodoptera frugiperda. Virology, 1987, 161, 8-17.	1.1	56
10	Analysis of the Choristoneura fumiferana nucleopolyhedrovirus genome. Journal of General Virology, 2005, 86, 929-943.	1.3	52
11	Nucleotide sequence and transcriptional analysis of the p80 gene of Autographa californica nuclear polyhedrosis virus: A homologue of the Orgyia pseudotsugata nuclear polyhedrosis virus capsid-associated gene. Virology, 1992, 190, 201-209.	1.1	49
12	Mapping the Mutation Site of an Autographa californica Nuclear Polyhedrosis Virus Polyhedron Morphology Mutant. Journal of Virology, 1982, 43, 809-818.	1.5	42
13	Autographa californicaNuclear Polyhedrosis Virusp143Gene Product Is a DNA-Binding Protein. Virology, 1997, 228, 98-106.	1.1	37
14	Mapping early transcription products of Autographa californica nuclear polyhedrosis virus. Virology, 1983, 126, 398-402.	1.1	36
15	Genetic Analyses of Temperature-Sensitive Mutations in Baculovirus Late Expression Factors. Virology, 1994, 204, 323-337.	1.1	36
16	Replication, Integration, and Packaging of Plasmid DNA following Cotransfection with Baculovirus Viral DNA. Journal of Virology, 1999, 73, 5473-5480.	1.5	33
17	No single homologous repeat region is essential for DNA replication of the baculovirus Autographa californica multiple nucleopolyhedrovirus. Journal of General Virology, 2007, 88, 114-122.	1.3	31
18	Baculovirus proteins IE-1, LEF-3, and P143 interact with DNA in vivo: a formaldehyde cross-linking study. Virology, 2004, 329, 337-347.	1.1	29

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19	Identification of Domains in Autographa californica Multiple Nucleopolyhedrovirus Late Expression Factor 3 Required for Nuclear Transport of P143. Journal of Virology, 2005, 79, 10915-10922.	1.5	28
20	Identification, Localization, Transcription, and Sequence Analysis of the Choristoneura fumiferana Nuclear Polyhedrosis Virus DNA Polymerase Gene. Virology, 1995, 209, 538-549.	1.1	27
21	Identification, Molecular Cloning, and Transcription Analysis of theChoristoneura fumiferanaNuclear Polyhedrosis VirusSpindle-like ProteinGene. Virology, 1996, 223, 396-400.	1.1	24
22	Characterization of the Interaction between P143 and LEF-3 from Two Different Baculovirus Species: Choristoneura fumiferana Nucleopolyhedrovirus LEF-3 Can Complement Autographa californica Nucleopolyhedrovirus LEF-3 in Supporting DNA Replication. Journal of Virology, 2004, 78, 329-339.	1.5	23
23	Site-Directed Mutagenesis of the AcMNPVp143Gene: Effects on Baculovirus DNA Replication. Virology, 1999, 253, 125-136.	1.1	21
24	Characterization of a baculovirus nuclear localization signal domain in the late expression factor 3 protein. Virology, 2009, 385, 209-217.	1.1	20
25	Genomic variants of a temperature-sensitive mutant of Autographa californica nuclear polyhedrosis virus containing specific reiterations of viral DNA. Virus Research, 1984, 1, 565-584.	1.1	18
26	Identification and Molecular Characterization of the Choristoneura fumiferana Multicapsid Nucleopolyhedrovirus Genomic Region Encoding the Regulatory Genes pkip, p47, lef-12, and gta. Virology, 2000, 271, 109-121.	1.1	15
27	Identification of a Domain of the Baculovirus Autographa californica Multiple Nucleopolyhedrovirus Single-Strand DNA-Binding Protein LEF-3 Essential for Viral DNA Replication. Journal of Virology, 2010, 84, 6153-6162.	1.5	15
28	Infection of Spodoptera frugiperda and Choristoneura fumiferana cell lines with the baculovirus Choristoneura fumiferana nuclear polyhedrosis virus. Canadian Journal of Microbiology, 1993, 39, 932-940.	0.8	14
29	Nucleotide sequence, insertional mutagenesis, and transcriptional mapping of a conserved region of the baculovirusAutographa californicanuclear polyhedrosis virus (map unit 64.8â€“66.9). Canadian Journal of Microbiology, 1996, 42, 1267-1273.	0.8	13
30	Studies ofChoristoneura fumiferanaNuclear Polyhedrosis Virus Gene Expression in Insect Cells. Virology, 1996, 217, 564-572.	1.1	11
31	AcMNPV as a model for baculovirus DNA replication. Virologica Sinica, 2009, 24, 243-267.	1.2	11
32	Choristoneura fumiferana multiple nucleopolyhedrovirus LEF-3â€“P143 complex can complement DNA replication and budded virus in an AcMNPV LEF-3â€“P143 double knockout bacmid. Journal of General Virology, 2012, 93, 383-388.	1.3	8
33	Sequential deletion of AcMNPV homologous regions leads to reductions in budded virus production and late protein expression. Virus Research, 2018, 256, 125-133.	1.1	8
34	Identification and molecular characterization of the baculovirus CfMNPV early genes: ie-1, ie-2 and pe38. Virus Research, 2002, 83, 13-30.	1.1	6
35	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
36	Characterization of proteinâ€“protein interaction domains within the baculovirus Autographa californica multiple nucleopolyhedrovirus late expression factor LEF-3. Journal of General Virology, 2013, 94, 2530-2535.	1.3	5

#	Article	IF	Citations
37	Characterization of an Autographa californica multiple nucleopolyhedrovirus mutant lacking the ac39(p43) gene. Virus Research, 2011, 155, 300-306.	1.1	4
38	Baculoviruses â€" friend of man, foe of insects?. Trends in Biochemical Sciences, 1980, 5, 107-110.	3.7	2
39	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
40	Characterization of Choristoneura fumiferana Genes of the Sixth Subunit of the Origin Recognition Complex: CfORC6. BMB Reports, 2006, 39, 782-787.	1.1	2
41	Alphabaculovirus. , 2011, , 105-117.		0