

Kai Yang

List of Publications by Year in descending order

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34
papers

851
citations

471509

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docs citations

35
times ranked

392
citing authors

#	ARTICLE	IF	CITATIONS
1	Autographa californica Multiple Nucleopolyhedrovirus Nucleocapsid Assembly Is Interrupted upon Deletion of the 38K Gene. Journal of Virology, 2006, 80, 11475-11485.	3.4	113
2	Identification of Autographa californica Nucleopolyhedrovirus ac93 as a Core Gene and Its Requirement for Intranuclear Microvesicle Formation and Nuclear Egress of Nucleocapsids. Journal of Virology, 2011, 85, 11664-11674.	3.4	70
3	vlf-1 Deletion Brought AcMNPV to Defect in Nucleocapsid Formation. Virus Genes, 2005, 31, 275-284.	1.6	56
4	Autographa californica Multiple Nucleopolyhedrovirus 38K Is a Novel Nucleocapsid Protein That Interacts with VP1054, VP39, VP80, and Itself. Journal of Virology, 2008, 82, 12356-12364.	3.4	54
5	Characterization of a chitin-binding protein GP37 of Spodoptera litura multicapsid nucleopolyhedrovirus. Virus Research, 2003, 96, 113-122.	2.2	46
6	A highly conserved baculovirus gene p48 (ac103) is essential for BV production and ODV envelopment. Virology, 2008, 379, 87-96.	2.4	43
7	The Baculovirus Core Gene ac83 Is Required for Nucleocapsid Assembly and Per Os Infectivity of Autographa californica Nucleopolyhedrovirus. Journal of Virology, 2013, 87, 10573-10586.	3.4	41
8	The role of the PI3K-Akt signal transduction pathway in Autographa californica multiple nucleopolyhedrovirus infection of Spodoptera frugiperda cells. Virology, 2009, 391, 83-89.	2.4	40
9	Autographa californica Multiple Nucleopolyhedrovirus ac76 Is Involved in Intranuclear Microvesicle Formation. Journal of Virology, 2010, 84, 7437-7447.	3.4	40
10	Posttranslational Modifications of Baculovirus Protamine-Like Protein P6.9 and the Significance of Its Hyperphosphorylation for Viral Very Late Gene Hyperexpression. Journal of Virology, 2015, 89, 7646-7659.	3.4	30
11	Autographa californica Nucleopolyhedrovirus Ac76: a Dimeric Type II Integral Membrane Protein That Contains an Inner Nuclear Membrane-Sorting Motif. Journal of Virology, 2014, 88, 1090-1103.	3.4	29
12	An ac34 Deletion Mutant of Autographa californica Nucleopolyhedrovirus Exhibits Delayed Late Gene Expression and a Lack of Virulence In Vivo. Journal of Virology, 2012, 86, 10432-10443.	3.4	28
13	ac18 is not essential for the propagation of Autographa californica multiple nucleopolyhedrovirus. Virology, 2007, 367, 71-81.	2.4	27
14	Autographa californica multiple nucleopolyhedrovirus ac53 plays a role in nucleocapsid assembly. Virology, 2008, 382, 59-68.	2.4	27
15	The Autographa californica multiple nucleopolyhedrovirus ac110 gene encodes a new per os infectivity factor. Virus Research, 2016, 221, 30-37.	2.2	22
16	The Autographa californica Multiple Nucleopolyhedrovirus ac54 Gene Is Crucial for Localization of the Major Capsid Protein VP39 at the Site of Nucleocapsid Assembly. Journal of Virology, 2016, 90, 4115-4126.	3.4	20
17	Baculovirus infection induces disruption of the nuclear lamina. Scientific Reports, 2017, 7, 7823.	3.3	18
18	Distribution and Phosphorylation of the Basic Protein P6.9 of Autographa californica Nucleopolyhedrovirus. Journal of Virology, 2012, 86, 12217-12227.	3.4	17

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19	Three-dimensional visualization of the <i>Autographa californica</i> multiple nucleopolyhedrovirus occlusion-derived virion envelopment process gives new clues as to its mechanism. <i>Virology</i> , 2015, 476, 298-303.	2.4	17
20	<i>Autographa californica</i> Multiple Nucleopolyhedrovirus <i>ac75</i> Is Required for the Nuclear Egress of Nucleocapsids and Intranuclear Microvesicle Formation. <i>Journal of Virology</i> , 2018, 92, .	3.4	17
21	<i>Autographa californica</i> Multiple Nucleopolyhedrovirus Ac34 Protein Retains Cellular Actin-Related Protein 2/3 Complex in the Nucleus by Subversion of CRM1-Dependent Nuclear Export. <i>PLoS Pathogens</i> , 2016, 12, e1005994.	4.7	17
22	The 38K-Mediated Specific Dephosphorylation of the Viral Core Protein P6.9 Plays an Important Role in the Nucleocapsid Assembly of <i>Autographa californica</i> Multiple Nucleopolyhedrovirus. <i>Journal of Virology</i> , 2018, 92, .	3.4	16
23	The <i>Autographa californica</i> Multiple Nucleopolyhedrovirus <i>ac83</i> Gene Contains a cis-Acting Element That Is Essential for Nucleocapsid Assembly. <i>Journal of Virology</i> , 2017, 91, .	3.4	10
24	The <i>Autographa californica</i> Multiple Nucleopolyhedrovirus <i>ac51</i> Gene Is Required for Efficient Nuclear Egress of Nucleocapsids and Is Essential for <i>In Vivo</i> Virulence. <i>Journal of Virology</i> , 2019, 93, .	3.4	10
25	Disruption of the baculovirus core gene <i>ac78</i> results in decreased production of multiple nucleocapsid-enveloped occlusion-derived virions and the failure of primary infection <i>in vivo</i> . <i>Virus Research</i> , 2014, 191, 70-82.	2.2	8
26	<i>Autographa Californica</i> Multiple Nucleopolyhedrovirus P48 (Ac103) Is Required for the Efficient Formation of Virus-Induced Intranuclear Microvesicles. <i>Virologica Sinica</i> , 2019, 34, 712-721.	3.0	6
27	AcMNPV PKIP is associated with nucleocapsid of budded virions and involved in nucleocapsid assembly. <i>Virus Research</i> , 2019, 268, 27-37.	2.2	6
28	Genome sequencing and analysis of a granulovirus isolated from the Asiatic rice leafroller, <i>Cnaphalocrocis medinalis</i> . <i>Virologica Sinica</i> , 2015, 30, 417-424.	3.0	5
29	The 91-205 amino acid region of AcMNPV ORF34 (Ac34), which comprises a potential C3H zinc finger, is required for its nuclear localization and optimal virus multiplication. <i>Virus Research</i> , 2017, 228, 79-89.	2.2	5
30	AcMNPV PKIP is required for hyperexpression of very late genes and involved in the hyperphosphorylation of the viral basic protein P6.9. <i>Virus Research</i> , 2020, 279, 197889.	2.2	5
31	Introduction of temperature-sensitive helper and donor plasmids into Bac-to-Bac baculovirus expression systems. <i>Virologica Sinica</i> , 2015, 30, 379-385.	3.0	3
32	The amino acids of <i>Autographa californica</i> multiple nucleopolyhedrovirus P48 critical for the association with Ac93 are important for the nuclear egress of nucleocapsids and efficient formation of intranuclear microvesicles. <i>Virus Research</i> , 2022, 308, 198644.	2.2	2
33	Heat conjugation of antibacterial agents from amino acids and plant oil. <i>Scientific Reports</i> , 2017, 7, 10852.	3.3	1
34	<i>Spodoptera frugiperda</i> mRNA export factor interacts with and mediates the nuclear import of <i>Autographa californica</i> multiple nucleopolyhedrovirus ORF34 (Ac34). <i>Virus Research</i> , 2021, 299, 198438.	2.2	1