Robert L Harrison

List of Publications by Year
in descending order

72 papers	3,953 citations	186265 28 h-index	128289 60 g-index
74 all docs	74 docs citations	74 times ranked	4753 citing authors

#	Article	IF	Citations
1	The complete genome sequence of an alphabaculovirus from the brown tussock moth, Olene mendosa HÃ¼bner, expands our knowledge of lymantriine baculovirus diversity and evolution. Virus Genes, 2022, 58, 227-237.	1.6	2
2	Special Issue â€œEvolution and Diversity of Insect Virusesâ€• Viruses, 2022, 14, 2.	3.3	1
3	Differential insecticidal properties of Spodoptera frugiperda multiple nucleopolyhedrovirus isolates against corn-strain and rice-strain fall armyworm, and genomic analysis of three isolates. Journal of Invertebrate Pathology, 2021, 183, 107561.	3.2	10
4	Changes to virus taxonomy and to the International Code of Virus Classification and Nomenclature ratified by the International Committee on Taxonomy of Viruses (2021). Archives of Virology, 2021, 166, 2633-2648.	2.1	219
5	Confirmation of Oryctes rhinoceros nudivirus infections in G-haplotype coconut rhinoceros beetles (Oryctes rhinoceros) from Palauan PCR-positive populations. Scientific Reports, 2021, 11, 18820.	3.3	14
6	Binomial nomenclature for virus species: a consultation. Archives of Virology, 2020, 165, 519-525.	2.1	51
7	Pathology and genome sequence of a Lymantria dispar multiple nucleopolyhedrovirus (LdMNPV) isolate from Heilongjiang, China. Journal of Invertebrate Pathology, 2020, 177, 107495.	3.2	4
8	Changes to virus taxonomy and the Statutes ratified by the International Committee on Taxonomy of Viruses (2020). Archives of Virology, 2020, 165, 2737-2748.	2.1	202
9	ICTV Virus Taxonomy Profile: Nudiviridae. Journal of General Virology, 2020, 101, 3-4.	2.9	19
10	A Novel Alphabaculovirus from the Soybean Looper, Chrysodeixis includens, that Produces Tetrahedral Occlusion Bodies and Encodes Two Copies of he65. Viruses, 2019, 11, 579.	3.3	3
11	Additional changes to taxonomy ratified in a special vote by the International Committee on Taxonomy of Viruses (October 2018). Archives of Virology, 2019, 164, 943-946.	2.1	102
12	Complete Genome Sequence of an Alphabaculovirus from the Southern Armyworm, Spodoptera eridania. Microbiology Resource Announcements, 2019, 8, .	0.6	6
13	Changes to virus taxonomy and the International Code of Virus Classification and Nomenclature ratified by the International Committee on Taxonomy of Viruses (2019). Archives of Virology, 2019, 164, 2417-2429.	2.1	257
14	An iflavirus found in stink bugs (Hemiptera: Pentatomidae) of four different species. Virology, 2019, 534, 72-79.	2.4	14
15	The complete genome sequence of an alphabaculovirus from Spodoptera exempta, an agricultural pest of major economic significance in Africa. PLoS ONE, 2019, 14, e0209937.	2.5	5
16	The complete genome sequence of a second alphabaculovirus from the true armyworm, Mythimna unipuncta: implications for baculovirus phylogeny and host specificity. Virus Genes, 2019, 55, 104-116.	1.6	3
17	The complete genome sequence of a third distinct baculovirus isolated from the true armyworm, Mythimna unipuncta, contains two copies of the lef-7 gene. Virus Genes, 2018, 54, 297-310.	1.6	14
18	Changes to taxonomy and the International Code of Virus Classification and Nomenclature ratified by the International Committee on Taxonomy of Viruses (2018). Archives of Virology, 2018, 163, 2601-2631.	2.1	567

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19	ICTV Virus Taxonomy Profile: Baculoviridae. Journal of General Virology, 2018, 99, 1185-1186.	2.9	101
20	50 years of the International Committee on Taxonomy of Viruses: progress and prospects. Archives of Virology, 2017, 162, 1441-1446.	2.1	72
21	Changes to taxonomy and the International Code of Virus Classification and Nomenclature ratified by the International Committee on Taxonomy of Viruses (2017). Archives of Virology, 2017, 162, 2505-2538.	2.1	506
22	The Operophtera brumata Nucleopolyhedrovirus (OpbuNPV) Represents an Early, Divergent Lineage within Genus Alphabaculovirus. Viruses, 2017, 9, 307.	3.3	20
23	The Complete Genome Sequence of a Second Distinct Betabaculovirus from the True Armyworm, Mythimna unipuncta. PLoS ONE, 2017, 12, e0170510.	2.5	16
24	The Complete Genome Sequence of Plodia Interpunctella Granulovirus: Evidence for Horizontal Gene Transfer and Discovery of an Unusual Inhibitor-of-Apoptosis Gene. PLoS ONE, 2016, 11, e0160389.	2.5	21
25	Geographic isolates of Lymantria dispar multiple nucleopolyhedrovirus: Genome sequence analysis and pathogenicity against European and Asian gypsy moth strains. Journal of Invertebrate Pathology, 2016, 137, 10-22.	3.2	19
26	Ratification vote on taxonomic proposals to the International Committee on Taxonomy of Viruses (2016). Archives of Virology, 2016, 161, 2921-2949.	2.1	263
27	Transforming Lepidopteran Insect Cells for Continuous Recombinant Protein Expression. Methods in Molecular Biology, 2016, 1350, 329-348.	0.9	11
28	Transforming Lepidopteran Insect Cells for Improved Protein Processing and Expression. Methods in Molecular Biology, 2016, 1350, 359-379.	0.9	6
29	Available Lepidopteran Insect Cell Lines. Methods in Molecular Biology, 2016, 1350, 119-142.	0.9	18
30	Routine Maintenance and Storage of Lepidopteran Insect Cell Lines and Baculoviruses. Methods in Molecular Biology, 2016, 1350, 197-221.	0.9	1
31	Complete Genome Sequence of the Strain of Lymantria dispar Multiple Nucleopolyhedrovirus Found in the Gypsy Moth Biopesticide Virin-ENSh. Genome Announcements, 2015, 3, .	0.8	9
32	Isolation of an Adoxophyes orana granulovirus (AdorGV) occlusion body morphology mutant: biological activity, genome sequence and relationship to other isolates of AdorGV. Journal of General Virology, 2015, 96, 904-914.	2.9	8
33	Expression, Delivery and Function of Insecticidal Proteins Expressed by Recombinant Baculoviruses. Viruses, 2015, 7, 422-455.	3.3	31
34	Lymantria dispar iflavirus 1 (LdIV1), a new model to study iflaviral persistence in lepidopterans. Journal of General Virology, 2014, 95, 2285-2296.	2.9	30
35	Classification, genetic variation and pathogenicity of Lymantria dispar nucleopolyhedrovirus isolates from Asia, Europe, and North America. Journal of Invertebrate Pathology, 2014, 116, 27-35.	3.2	33
36	Determination and analysis of the genome sequence of Spodoptera littoralis multiple nucleopolyhedrovirus. Virus Research, 2013, 171, 194-208.	2.2	20

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37	Concentration- and time-response characteristics of plaque isolates of Agrotis ipsilon multiple nucleopolyhedrovirus derived from a field isolate. Journal of Invertebrate Pathology, 2013, 112, 159-161.	3.2	10
38	Complete Genome Sequence of a Novel Iflavirus from the Transcriptome of Halyomorpha halys , the Brown Marmorated Stink Bug. Genome Announcements, 2013, 1, .	0.8	23
39	Baculoviruses and Other Occluded Insect Viruses. , 2012, , 73-131.		49
40	Genetic variation and virulence of Autographa californica multiple nucleopolyhedrovirus and Trichoplusia ni single nucleopolyhedrovirus isolates. Journal of Invertebrate Pathology, 2012, 110, 33-47.	3.2	9
41	Baculovirus infection of the armyworm (Lepidoptera: Noctuidae) feeding on spiny- or smooth-edged grass (Festuca spp.) leaf blades. Biological Control, 2012, 61, 147-154.	3.0	9
42	Genetic variation and virulence of nucleopolyhedroviruses isolated worldwide from the heliothine pests Helicoverpa armigera, Helicoverpa zea, and Heliothis virescens. Journal of Invertebrate Pathology, 2011, 107, 112-126.	3.2	57
43	Autographa californica multiple nucleopolyhedrovirus ODV-E56 is a per os infectivity factor, but is not essential for binding and fusion of occlusion-derived virus to the host midgut. Virology, 2011, 409, 69-76.	2.4	60
44	Genetic and biological variation among nucleopolyhedrovirus isolates from the fall armyworm, Spodoptera frugiperda (Lepidoptera: Noctuidae). Virus Genes, 2010, 40, 458-468.	1.6	23
45	Autographa californica multiple nucleopolyhedrovirus ODV-E56 envelope protein is required for oral infectivity and can be substituted functionally by Rachiplusia ou multiple nucleopolyhedrovirus ODV-E56. Journal of General Virology, 2010, 91, 1173-1182.	2.9	38
46	Proteases as Insecticidal Agents. Toxins, 2010, 2, 935-953.	3.4	89
47	Genomic sequence analysis of the Illinois strain of the Agrotis ipsilon multiple nucleopolyhedrovirus. Virus Genes, 2009, 38, 155-170.	1.6	32
48	Baculovirus-expressed virus-like particles of Pea enation mosaic virus vary in size and encapsidate baculovirus mRNAs. Virus Research, 2009, 139, 54-63.	2.2	11
49	Structural divergence among genomes of closely related baculoviruses and its implications for baculovirus evolution. Journal of Invertebrate Pathology, 2009, 101, 181-186.	3.2	19
50	Genomic sequence analysis of a granulovirus isolated from the Old World bollworm, Helicoverpa armigera. Virus Genes, 2008, 36, 565-581.	1.6	36
51	Insecticidal activity of a basement membrane-degrading protease against Heliothis virescens (Fabricius) and Acyrthosiphon pisum (Harris). Journal of Insect Physiology, 2008, 54, 777-789.	2.0	17
52	New cell lines derived from the black cutworm, Agrotis ipsilon, that support replication of the A. ipsilon multiple nucleopolyhedrovirus and several group I nucleopolyhedroviruses. Journal of Invertebrate Pathology, 2008, 99, 28-34.	3.2	16
53	Genomic sequence analysis of a fast-killing isolate of Spodoptera frugiperda multiple nucleopolyhedrovirus. Journal of General Virology, 2008, 89, 775-790.	2.9	75
54	Impact of a basement membrane-degrading protease on dissemination and secondary infection of Autographa californica multiple nucleopolyhedrovirus in Heliothis virescens (Fabricus). Journal of General Virology, 2007, 88, 1109-1119.	2.9	17

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55	Tissue specificity of a baculovirus-expressed, basement membrane-degrading protease in larvae of Heliothis virescens. Tissue and Cell, 2007, 39, 431-443.	2.2	13
56	Characterisation of functional and insecticidal properties of a recombinant cathepsin L-like proteinase from flesh fly (Sarcophaga peregrina), which plays a role in differentiation of imaginal discs. Insect Biochemistry and Molecular Biology, 2007, 37, 589-600.	2.7	15
57	Construction and characterization of new piggyBac vectors for constitutive or inducible expression of heterologous gene pairs and the identification of a previously unrecognized activator sequence in piggyBac. BMC Biotechnology, 2007, 7, 5.	3.3	39
58	Genomic sequence analysis of a nucleopolyhedrovirus isolated from the diamondback moth, Plutella xylostella. Virus Genes, 2007, 35, 857-873.	1.6	38
59	Transforming Lepidopteran Insect Cells for Continuous Recombinant Protein Expression. Methods in Molecular Biology, 2007, 388, 299-315.	0.9	23
60	Transforming Lepidopteran Insect Cells for Improved Protein Processing. Methods in Molecular Biology, 2007, 388, 341-356.	0.9	23
61	Protein Nâ€Glycosylation in the Baculovirusâ€“Insect Cell Expression System and Engineering of Insect Cells to Produce â€œMammalianizedâ€•Recombinant Glycoproteins. Advances in Virus Research, 2006, 68, 159-191.	2.1	170
62	Application of maximum-likelihood models to selection pressure analysis of group I nucleopolyhedrovirus genes. Journal of General Virology, 2004, 85, 197-210.	2.9	18
63	Comparative analysis of the genomes of Rachiplusia ou and Autographa californica multiple nucleopolyhedroviruses. Journal of General Virology, 2003, 84, 1827-1842.	2.9	96
64	Genetic Enhancement of Baculovirus Insecticides. , 2002, , 109-125.		2
65	Use of Proteases to Improve the Insecticidal Activity of Baculoviruses. Biological Control, 2001, 20, 199-209.	3.0	54
66	Use of Scorpion Neurotoxins to Improve the Insecticidal Activity of Rachiplusia ou Multicapsid Nucleopolyhedrovirus. Biological Control, 2000, 17, 191-201.	3.0	40
67	Characterization of a Nucleopolyhedrovirus from the Black Cutworm, Agrotis ipsilon (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlo	3.2	38
68	The nucleopolyhedroviruses of Rachiplusia ou and Anagrapha falcifera are isolates of the same virus. Journal of General Virology, 1999, 80, 2793-2798.	2.9	43
69	The Role of the AcMNPV25KGene, â€œFP25,â€•in Baculoviruspolhandp10Expression. Virology, 1996, 226, 34-46.	2.4	46
70	Biosynthesis and Localization of the Autographa californica Nuclear Polyhedrosis Virus 25K Gene Product. Virology, 1995, 208, 279-288.	2.4	21
71	Transforming Lepidopteran Insect Cells for Continuous Recombinant Protein Expression. , 0, , 299-316.		0
72	Transforming Lepidopteran Insect Cells for Improved Protein Processing. , 0, , 341-356.		0