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	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
2	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
3	Ratification vote on taxonomic proposals to the International Committee on Taxonomy of Viruses (2016). Archives of Virology, 2016, 161, 2921-2949.	2.1	263
4	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
5	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
6	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
7	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
8	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
9	ICTV Virus Taxonomy Profile: Baculoviridae. Journal of General Virology, 2018, 99, 1185-1186.	2.9	101
10	Comparative analysis of the genomes of Rachiplusia ou and Autographa californica multiple nucleopolyhedroviruses. Journal of General Virology, 2003, 84, 1827-1842.	2.9	96
11	Proteases as Insecticidal Agents. Toxins, 2010, 2, 935-953.	3.4	89
12	Genomic sequence analysis of a fast-killing isolate of Spodoptera frugiperda multiple nucleopolyhedrovirus. Journal of General Virology, 2008, 89, 775-790.	2.9	75
13	50 years of the International Committee on Taxonomy of Viruses: progress and prospects. Archives of Virology, 2017, 162, 1441-1446.	2.1	72
14	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
15	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
16	Use of Proteases to Improve the Insecticidal Activity of Baculoviruses. Biological Control, 2001, 20, 199-209.	3.0	54
17	Binomial nomenclature for virus species: a consultation. Archives of Virology, 2020, 165, 519-525.	2.1	51
18	Baculoviruses and Other Occluded Insect Viruses. , 2012, , 73-131.		49

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19	The Role of the AcMNPV25KGene, â€œFP25,â€•in Baculoviruspolhandp10Expression. Virology, 1996, 226, 34-46.	2.4	46
20	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
21	Use of Scorpion Neurotoxins to Improve the Insecticidal Activity of Rachiplusia ou Multicapsid Nucleopolyhedrovirus. Biological Control, 2000, 17, 191-201.	3.0	40
22	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
23	Characterization of a Nucleopolyhedrovirus from the Black Cutworm, Agrotis ipsilon (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlo	3.2	38
24	Genomic sequence analysis of a nucleopolyhedrovirus isolated from the diamondback moth, Plutella xylostella. Virus Genes, 2007, 35, 857-873.	1.6	38
25	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
26	Genomic sequence analysis of a granulovirus isolated from the Old World bollworm, Helicoverpa armigera. Virus Genes, 2008, 36, 565-581.	1.6	36
27	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
28	Genomic sequence analysis of the Illinois strain of the Agrotis ipsilon multiple nucleopolyhedrovirus. Virus Genes, 2009, 38, 155-170.	1.6	32
29	Expression, Delivery and Function of Insecticidal Proteins Expressed by Recombinant Baculoviruses. Viruses, 2015, 7, 422-455.	3.3	31
30	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
31	Genetic and biological variation among nucleopolyhedrovirus isolates from the fall armyworm, Spodoptera frugiperda (Lepidoptera: Noctuidae). Virus Genes, 2010, 40, 458-468.	1.6	23
32	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
33	Transforming Lepidopteran Insect Cells for Continuous Recombinant Protein Expression. Methods in Molecular Biology, 2007, 388, 299-315.	0.9	23
34	Transforming Lepidopteran Insect Cells for Improved Protein Processing. Methods in Molecular Biology, 2007, 388, 341-356.	0.9	23
35	Biosynthesis and Localization of the Autographa californica Nuclear Polyhedrosis Virus 25K Gene Product. Virology, 1995, 208, 279-288.	2.4	21
36	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

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37	Determination and analysis of the genome sequence of Spodoptera littoralis multiple nucleopolyhedrovirus. Virus Research, 2013, 171, 194-208.	2.2	20
38	The Operophtera brumata Nucleopolyhedrovirus (OpbuNPV) Represents an Early, Divergent Lineage within Genus Alphabaculovirus. Viruses, 2017, 9, 307.	3.3	20
39	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
40	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
41	ICTV Virus Taxonomy Profile: Nudiviridae. Journal of General Virology, 2020, 101, 3-4.	2.9	19
42	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
43	Available Lepidopteran Insect Cell Lines. Methods in Molecular Biology, 2016, 1350, 119-142.	0.9	18
44	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
45	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
46	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
47	The Complete Genome Sequence of a Second Distinct Betabaculovirus from the True Armyworm, Mythimna unipuncta. PLoS ONE, 2017, 12, e0170510.	2.5	16
48	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
49	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
50	An iflavirus found in stink bugs (Hemiptera: Pentatomidae) of four different species. Virology, 2019, 534, 72-79.	2.4	14
51	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
52	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
53	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
54	Transforming Lepidopteran Insect Cells for Continuous Recombinant Protein Expression. Methods in Molecular Biology, 2016, 1350, 329-348.	0.9	11

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55	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
56	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
57	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
58	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
59	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
60	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
61	Complete Genome Sequence of an Alphabaculovirus from the Southern Armyworm, Spodoptera eridania. Microbiology Resource Announcements, 2019, 8, .	0.6	6
62	Transforming Lepidopteran Insect Cells for Improved Protein Processing and Expression. Methods in Molecular Biology, 2016, 1350, 359-379.	0.9	6
63	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
64	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
65	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
66	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
67	Genetic Enhancement of Baculovirus Insecticides. , 2002, , 109-125.		2
68	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
69	Routine Maintenance and Storage of Lepidopteran Insect Cell Lines and Baculoviruses. Methods in Molecular Biology, 2016, 1350, 197-221.	0.9	1
70	Special Issue â€œEvolution and Diversity of Insect Virusesâ€• Viruses, 2022, 14, 2.	3.3	1
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