

# Vernon K Ward

## List of Publications by Year in descending order

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69  
papers

2,234  
citations

201575

27  
h-index

233338

45  
g-index

69  
all docs

69  
docs citations

69  
times ranked

2854  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Palm Subdomain-based Active Site is Internally Permuted in Viral RNA-dependent RNA Polymerases of an Ancient Lineage. <i>Journal of Molecular Biology</i> , 2002, 324, 47-62.	2.0	202
2	Metal Nanoshell Assembly on a Virus Bioscaffold. <i>Nano Letters</i> , 2005, 5, 1187-1191.	4.5	128
3	Virus-like particle vaccines: immunology and formulation for clinical translation. <i>Expert Review of Vaccines</i> , 2018, 17, 833-849.	2.0	115
4	Recovery of infectious murine norovirus using pol II-driven expression of full-length cDNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 11050-11055.	3.3	96
5	Invertebrate D2 type dopamine receptor exhibits age-based plasticity of expression in the mushroom bodies of the honeybee brain. <i>Journal of Neurobiology</i> , 2003, 55, 315-330.	3.7	93
6	Structural basis for the enhancement of virulence by viral spindles and their in vivo crystallization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 3973-3978.	3.3	92
7	Analysis of two D1-like dopamine receptors from the honey bee <i>Apis mellifera</i> reveals agonist-independent activity. <i>Molecular Brain Research</i> , 2003, 113, 67-77.	2.5	89
8	Whole genome analysis of the <i>Epiphyas postvittana</i> nucleopolyhedrovirus. <i>Journal of General Virology</i> , 2002, 83, 957-971.	1.3	88
9	Cross-presentation of epitopes on virus-like particles via the MHC I receptor recycling pathway. <i>Immunology and Cell Biology</i> , 2011, 89, 681-688.	1.0	75
10	High-Resolution Cryo-Electron Microscopy Structures of Murine Norovirus 1 and Rabbit Hemorrhagic Disease Virus Reveal Marked Flexibility in the Receptor Binding Domains. <i>Journal of Virology</i> , 2010, 84, 5836-5841.	1.5	70
11	Versatile RHDV virus-like particles: Incorporation of antigens by genetic modification and chemical conjugation. <i>Biotechnology and Bioengineering</i> , 2007, 98, 968-977.	1.7	69
12	The atomic structure of baculovirus polyhedra reveals the independent emergence of infectious crystals in DNA and RNA viruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 22205-22210.	3.3	65
13	Analysis of the catalytic mechanism of juvenile hormone esterase by site-directed mutagenesis. <i>International Journal of Biochemistry &amp; Cell Biology</i> , 1992, 24, 1933-1941.	0.8	62
14	The inhibitors of apoptosis of <i>Epiphyas postvittana</i> nucleopolyhedrovirus. <i>Journal of General Virology</i> , 2000, 81, 2803-2811.	1.3	49
15	Development of recombinant viral insecticides by expression of an insect-specific toxin and insect-specific enzyme in nuclear polyhedrosis viruses. <i>Archives of Insect Biochemistry and Physiology</i> , 1993, 22, 315-344.	0.6	47
16	The S RNA segment of Sandfly fever Sicilian virus: Evidence for an ambisense genome. <i>Virology</i> , 1989, 169, 341-345.	1.1	43
17	Genomic and Proteomic Analysis of Invertebrate Iridovirus Type 9. <i>Journal of Virology</i> , 2011, 85, 7900-7911.	1.5	42
18	Mannosylation of Virus-Like Particles Enhances Internalization by Antigen Presenting Cells. <i>PLoS ONE</i> , 2014, 9, e104523.	1.1	40

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19	Benign Rabbit Caliciviruses Exhibit Evolutionary Dynamics Similar to Those of Their Virulent Relatives. <i>Journal of Virology</i> , 2016, 90, 9317-9329.	1.5	36
20	Antigen delivery by virus-like particles for immunotherapeutic vaccination. <i>Therapeutic Delivery</i> , 2014, 5, 1223-1240.	1.2	35
21	Virus-like particles from rabbit hemorrhagic disease virus can induce an anti-tumor response. <i>Vaccine</i> , 2008, 26, 5334-5337.	1.7	34
22	Virus-like particles and $\alpha$ -galactosylceramide form a self-adjuvanting composite particle that elicits anti-tumor responses. <i>Journal of Controlled Release</i> , 2012, 159, 338-345.	4.8	34
23	Transcutaneous vaccination with virus-like particles. <i>Vaccine</i> , 2006, 24, 5406-5412.	1.7	33
24	Cloning, sequencing and expression of the Fab fragment of a monoclonal antibody to the herbicide atrazine. <i>Protein Engineering, Design and Selection</i> , 1993, 6, 981-988.	1.0	32
25	An Enhanced Heterologous Virus-Like Particle for Human Papillomavirus Type 16 Tumour Immunotherapy. <i>PLoS ONE</i> , 2013, 8, e66866.	1.1	32
26	Transcriptomic analysis of human norovirus NS1-2 protein highlights a multifunctional role in murine monocytes. <i>BMC Genomics</i> , 2017, 18, 39.	1.2	32
27	Euprosteria elaeasa virus genome sequence and evolution of the Tetraviridae family: Emergence of bipartite genomes and conservation of the VPg signal with the dsRNA Birnaviridae family. <i>Virology</i> , 2010, 397, 145-154.	1.1	30
28	Murine Norovirus Replication Induces G <sub>0</sub> /G <sub>1</sub> Cell Cycle Arrest in Asynchronously Growing Cells. <i>Journal of Virology</i> , 2015, 89, 6057-6066.	1.5	29
29	Multi-target chimaeric VLP as a therapeutic vaccine in a model of colorectal cancer. , 2017, 5, 69.		29
30	Antigen Incorporated In Virus-like Particles Is Delivered to Specific Dendritic Cell Subsets That Induce An Effective Antitumor Immune Response In Vivo. <i>Journal of Immunotherapy</i> , 2013, 36, 11-19.	1.2	28
31	Inherent Structural Disorder and Dimerisation of Murine Norovirus NS1-2 Protein. <i>PLoS ONE</i> , 2012, 7, e30534.	1.1	27
32	Expression of the Murine Norovirus (MNV) ORF1 Polyprotein Is Sufficient to Induce Apoptosis in a Virus-Free Cell Model. <i>PLoS ONE</i> , 2014, 9, e90679.	1.1	26
33	Coding strategy of the S RNA segment of dugbe virus (Nairovirus; Bunyaviridae). <i>Virology</i> , 1990, 175, 518-524.	1.1	24
34	Characterization of an exochitinase from Epiphyas postvittana nucleopolyhedrovirus (family) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142	1.3	21
35	Adoptive cell therapy with CD4 <sup>+</sup> T helper 1 cells and CD8 <sup>+</sup> cytotoxic T cells enhances complete rejection of an established tumour, leading to generation of endogenous memory responses to non-targeted tumour epitopes. <i>Clinical and Translational Immunology</i> , 2017, 6, e160.	1.7	21
36	Analysis of the capsid processing strategy of Thosea asigna virus using baculovirus expression of virus-like particles. <i>Journal of General Virology</i> , 2001, 82, 259-266.	1.3	17

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37	Expression of the nucleocapsid protein of Dugbe virus and antigenic cross-reactions with other nairoviruses. <i>Virus Research</i> , 1992, 24, 223-229.	1.1	16
38	Identification and in vivo characterization of the <i>Epiphyas postvittana</i> nucleopolyhedrovirus Ecdysteroid UDP-glucosyltransferase. <i>Virus Genes</i> , 2001, 22, 255-264.	0.7	16
39	Virus-Like Particles, a Versatile Subunit Vaccine Platform. <i>Advances in Delivery Science and Technology</i> , 2015, , 159-180.	0.4	16
40	Delivery of vaccine peptides by rapid conjugation to baculovirus particles. <i>Vaccine</i> , 2008, 26, 2451-2456.	1.7	15
41	Characterization of the chemokine response of RAW264.7 cells to infection by murine norovirus. <i>Virus Research</i> , 2014, 181, 27-34.	1.1	13
42	RNA probes detect nucleotide sequence homology between members of two different nairovirus serogroups. <i>Virus Research</i> , 1990, 16, 77-81.	1.1	12
43	Recombinant, Catalytically Inactive Juvenile Hormone Esterase Enhances Efficacy of Baculovirus Insecticides. <i>Biological Control</i> , 2000, 19, 191-199.	1.4	12
44	Detection of an arbovirus in an invertebrate and a vertebrate host using the polymerase chain reaction. <i>Journal of Virological Methods</i> , 1990, 30, 291-300.	1.0	11
45	Antitumor cytotoxicity induced by bone-marrow-derived antigen-presenting cells is facilitated by the tumor suppressor protein p53 via regulation of IL-12. <i>Oncology</i> , 2016, 5, e1112941.	2.1	11
46	Functionalisation of Virus-Like Particles Enhances Antitumour Immune Responses. <i>Journal of Immunology Research</i> , 2019, 2019, 1-10.	0.9	11
47	Delivering Two Tumour Antigens Survivin and Mucin-1 on Virus-Like Particles Enhances Anti-Tumour Immune Responses. <i>Vaccines</i> , 2021, 9, 463.	2.1	11
48	Structure-based design and functional studies of novel noroviral 3C protease chimaeras offer insights into substrate specificity. <i>Biochemical Journal</i> , 2014, 464, 461-472.	1.7	10
49	Benign Rabbit Calicivirus in New Zealand. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	1.4	10
50	Reductions of human enteric viruses in 10 commonly used activated carbon, polypropylene and polyester household drinking-water filters. <i>Water Research</i> , 2022, 213, 118174.	5.3	9
51	Functional characterization of the ecdysteroid UDP-glucosyl transferase gene of <i>Helicoverpa armigera</i> single-enveloped nucleopolyhedrovirus isolated in South Africa. <i>Virus Genes</i> , 2003, 27, 17-27.	0.7	8
52	Expression of the NS5 (VPg) Protein of Murine Norovirus Induces a G1/S Phase Arrest. <i>PLoS ONE</i> , 2016, 11, e0161582.	1.1	8
53	Cell Cycle Arrest is a Conserved Function of Norovirus VPg Proteins. <i>Viruses</i> , 2019, 11, 217.	1.5	8
54	Infectivity of <i>Epiphyas postvittana</i> nucleopolyhedrovirus for New Zealand leafrollers. <i>Biological Control</i> , 2002, 25, 207-214.	1.4	7

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55	Generation of an expression library in the baculovirus expression vector system. <i>Journal of Virological Methods</i> , 1995, 53, 263-272.	1.0	5
56	Expression of two heterologous proteins depends on the mode of expression: comparison of in vivo and in vitro methods. <i>Bioprocess and Biosystems Engineering</i> , 2008, 31, 469-475.	1.7	5
57	<i>Felis catus</i> papillomavirus type 2 virus-like particle vaccine is safe and immunogenic but does not reduce FcaPV-2 viral loads in adult cats. <i>Veterinary Immunology and Immunopathology</i> , 2019, 213, 109888.	0.5	5
58	Viral infections alter antennal epithelium ultrastructure in honey bees. <i>Journal of Invertebrate Pathology</i> , 2019, 168, 107252.	1.5	5
59	Dry Formulation of Virus-Like Particles in Electrospun Nanofibers. <i>Vaccines</i> , 2021, 9, 213.	2.1	5
60	Nucleotide sequence of the variable region of the heavy and light chains of a monoclonal IgG antibody reactive to herbicides, terbutryn and prometryn. <i>DNA Sequence</i> , 1995, 6, 51-54.	0.7	4
61	Protein Nucleotidylation in +ssRNA Viruses. <i>Viruses</i> , 2021, 13, 1549.	1.5	4
62	The post-lockdown period should be used to acquire effective therapies for future resurgence in SARS-Cov-2 infections. <i>New Zealand Medical Journal</i> , 2020, 133, 107-111.	0.5	3
63	Sequence Analysis of Individual Chains of Antibodies to Triazine Herbicides. <i>ACS Symposium Series</i> , 1995, , 31-49.	0.5	2
64	Bio-scaffolds for ordered nanostructures and metallodielectric nanoparticles. , 2005, , .		2
65	Akt Plays Differential Roles during the Life Cycles of Acute and Persistent Murine Norovirus Strains in Macrophages. <i>Journal of Virology</i> , 2022, 96, JVI0192321.	1.5	2
66	Bioscaffolds for metal nanostructures. , 2004, , .		1
67	Norovirus VPg Binds RNA through a Conserved N-Terminal K/R Basic Patch. <i>Viruses</i> , 2021, 13, 1282.	1.5	1
68	Baculovirus Genomics: A Resource for Biocontrol. , 2002, , 127-143.		1
69	Phononics and Micromechanics of Bio-Colloidal <i>Wiseana Iridovirus</i> . , 2008, , .		0