

# Brian Dennis Lichty

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/9342669/brian-dennis-lichty-publications-by-citations.pdf>

**Version:** 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

92  
papers

6,457  
citations

43  
h-index

80  
g-index

96  
ext. papers

7,493  
ext. citations

10.2  
avg, IF

5.79  
L-index

#	Paper	IF	Citations
92	VSV strains with defects in their ability to shutdown innate immunity are potent systemic anti-cancer agents. <i>Cancer Cell</i> , <b>2003</b> , 4, 263-75	24.3	653
91	Exploiting tumor-specific defects in the interferon pathway with a previously unknown oncolytic virus. <i>Nature Medicine</i> , <b>2000</b> , 6, 821-5	50.5	639
90	Immunological considerations for COVID-19 vaccine strategies. <i>Nature Reviews Immunology</i> , <b>2020</b> , 20, 615-632	36.5	480
89	Going viral with cancer immunotherapy. <i>Nature Reviews Cancer</i> , <b>2014</b> , 14, 559-67	31.3	425
88	Vesicular stomatitis virus: re-inventing the bullet. <i>Trends in Molecular Medicine</i> , <b>2004</b> , 10, 210-6	11.5	232
87	The murine double-stranded RNA-dependent protein kinase PKR is required for resistance to vesicular stomatitis virus. <i>Journal of Virology</i> , <b>2000</b> , 74, 9580-5	6.6	177
86	Neoadjuvant oncolytic virotherapy before surgery sensitizes triple-negative breast cancer to immune checkpoint therapy. <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	164
85	Carrier cell-based delivery of an oncolytic virus circumvents antiviral immunity. <i>Molecular Therapy</i> , <b>2007</b> , 15, 123-30	11.7	152
84	Intelligent design: combination therapy with oncolytic viruses. <i>Molecular Therapy</i> , <b>2010</b> , 18, 251-63	11.7	150
83	Potentiating cancer immunotherapy using an oncolytic virus. <i>Molecular Therapy</i> , <b>2010</b> , 18, 1430-9	11.7	127
82	Targeting tumor vasculature with an oncolytic virus. <i>Molecular Therapy</i> , <b>2011</b> , 19, 886-94	11.7	122
81	A let-7 MicroRNA-sensitive vesicular stomatitis virus demonstrates tumor-specific replication. <i>Molecular Therapy</i> , <b>2008</b> , 16, 1437-43	11.7	108
80	Maraba virus as a potent oncolytic vaccine vector. <i>Molecular Therapy</i> , <b>2014</b> , 22, 420-429	11.7	106
79	Synergistic interaction between oncolytic viruses augments tumor killing. <i>Molecular Therapy</i> , <b>2010</b> , 18, 888-95	11.7	97
78	Reciprocal cellular cross-talk within the tumor microenvironment promotes oncolytic virus activity. <i>Nature Medicine</i> , <b>2015</b> , 21, 530-6	50.5	93
77	Cutting edge: FimH adhesin of type 1 fimbriae is a novel TLR4 ligand. <i>Journal of Immunology</i> , <b>2008</b> , 181, 6702-6	5.3	90
76	HDAC inhibition suppresses primary immune responses, enhances secondary immune responses, and abrogates autoimmunity during tumor immunotherapy. <i>Molecular Therapy</i> , <b>2013</b> , 21, 887-94	11.7	85

75	Induction of innate immunity against herpes simplex virus type 2 infection via local delivery of Toll-like receptor ligands correlates with beta interferon production. <i>Journal of Virology</i> , <b>2006</b> , 80, 9943-50	6.6	85
74	Vesicular stomatitis virus as a novel cancer vaccine vector to prime antitumor immunity amenable to rapid boosting with adenovirus. <i>Molecular Therapy</i> , <b>2009</b> , 17, 1814-21	11.7	83
73	Cigarette smoke impacts immune inflammatory responses to influenza in mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2006</b> , 174, 1342-51	10.2	81
72	Expressing human interleukin-15 from oncolytic vesicular stomatitis virus improves survival in a murine metastatic colon adenocarcinoma model through the enhancement of anti-tumor immunity. <i>Cancer Gene Therapy</i> , <b>2012</b> , 19, 238-46	5.4	80
71	Adaptive antiviral immunity is a determinant of the therapeutic success of oncolytic virotherapy. <i>Molecular Therapy</i> , <b>2011</b> , 19, 335-44	11.7	79
70	Effects of intravenously administered recombinant vesicular stomatitis virus (VSV(deltaM51)) on multifocal and invasive gliomas. <i>Journal of the National Cancer Institute</i> , <b>2006</b> , 98, 1546-57	9.7	79
69	Immunogenic HSV-mediated oncolysis shapes the antitumor immune response and contributes to therapeutic efficacy. <i>Molecular Therapy</i> , <b>2014</b> , 22, 123-31	11.7	77
68	Vesicular stomatitis virus: a potential therapeutic virus for the treatment of hematologic malignancy. <i>Human Gene Therapy</i> , <b>2004</b> , 15, 821-31	4.8	71
67	A high-throughput pharmacoviral approach identifies novel oncolytic virus sensitizers. <i>Molecular Therapy</i> , <b>2010</b> , 18, 1123-9	11.7	67
66	Mucosal luminal manipulation of T cell geography switches on protective efficacy by otherwise ineffective parenteral genetic immunization. <i>Journal of Immunology</i> , <b>2007</b> , 178, 2387-95	5.3	65
65	VEGF-Mediated Induction of PRD1-BF1/Blimp1 Expression Sensitizes Tumor Vasculature to Oncolytic Virus Infection. <i>Cancer Cell</i> , <b>2015</b> , 28, 210-24	24.3	62
64	Oncolytic Viruses: Therapeutics With an Identity Crisis. <i>EBioMedicine</i> , <b>2016</b> , 9, 31-36	8.8	62
63	Recombinant vesicular stomatitis virus transduction of dendritic cells enhances their ability to prime innate and adaptive antitumor immunity. <i>Molecular Therapy</i> , <b>2009</b> , 17, 1465-72	11.7	61
62	FimH can directly activate human and murine natural killer cells via TLR4. <i>Molecular Therapy</i> , <b>2010</b> , 18, 1379-88	11.7	60
61	Harnessing oncolytic virus-mediated antitumor immunity in an infected cell vaccine. <i>Molecular Therapy</i> , <b>2012</b> , 20, 1791-9	11.7	56
60	Combining oncolytic HSV-1 with immunogenic cell death-inducing drug mitoxantrone breaks cancer immune tolerance and improves therapeutic efficacy. <i>Cancer Immunology Research</i> , <b>2013</b> , 1, 309-19	12.5	54
59	Use of recombinant virus-vectored tuberculosis vaccines for respiratory mucosal immunization. <i>Tuberculosis</i> , <b>2006</b> , 86, 211-7	2.6	52
58	The p14 FAST protein of reptilian reovirus increases vesicular stomatitis virus neuropathogenesis. <i>Journal of Virology</i> , <b>2009</b> , 83, 552-61	6.6	49

57	Strategies to enhance viral penetration of solid tumors. <i>Human Gene Therapy</i> , <b>2011</b> , 22, 1053-60	4.8	47
56	Expression of p210 and p190 BCR-ABL due to alternative splicing in chronic myelogenous leukaemia. <i>British Journal of Haematology</i> , <b>1998</b> , 103, 711-5	4.5	47
55	Microvesicles: ubiquitous contributors to infection and immunity. <i>Journal of Leukocyte Biology</i> , <b>2015</b> , 97, 237-45	6.5	45
54	Oncolytic vesicular stomatitis virus quantitatively and qualitatively improves primary CD8 T-cell responses to anticancer vaccines. <i>OncImmunology</i> , <b>2013</b> , 2, e26013	7.2	45
53	S6K-STING interaction regulates cytosolic DNA-mediated activation of the transcription factor IRF3. <i>Nature Immunology</i> , <b>2016</b> , 17, 514-522	19.1	45
52	Cancer immunology and canine malignant melanoma: A comparative review. <i>Veterinary Immunology and Immunopathology</i> , <b>2016</b> , 169, 15-26	2	44
51	Human coronavirus OC43 nucleocapsid protein binds microRNA 9 and potentiates NF- $\kappa$ B activation. <i>Journal of Virology</i> , <b>2014</b> , 88, 54-65	6.6	44
50	Maraba MG1 virus enhances natural killer cell function via conventional dendritic cells to reduce postoperative metastatic disease. <i>Molecular Therapy</i> , <b>2014</b> , 22, 1320-1332	11.7	43
49	IL-15 and type I interferon are required for activation of tumoricidal NK cells by virus-infected dendritic cells. <i>Cancer Research</i> , <b>2011</b> , 71, 2497-506	10.1	43
48	Aberrant interferon-signaling is associated with aggressive chronic lymphocytic leukemia. <i>Blood</i> , <b>2011</b> , 117, 2668-80	2.2	41
47	Surgical Stress Abrogates Pre-Existing Protective T Cell Mediated Anti-Tumor Immunity Leading to Postoperative Cancer Recurrence. <i>PLoS ONE</i> , <b>2016</b> , 11, e0155947	3.7	41
46	Evolution of oncolytic viruses: novel strategies for cancer treatment. <i>Immunotherapy</i> , <b>2013</b> , 5, 1191-206	3.8	40
45	Endogenous T cells prevent tumor immune escape following adoptive T cell therapy. <i>Journal of Clinical Investigation</i> , <b>2019</b> , 129, 5400-5410	15.9	40
44	Cigarette smoke suppresses type I interferon-mediated antiviral immunity in lung fibroblast and epithelial cells. <i>Journal of Interferon and Cytokine Research</i> , <b>2008</b> , 28, 167-79	3.5	39
43	IL-15 can signal via IL-15R $\alpha$ JNK, and NF- $\kappa$ B to drive RANTES production by myeloid cells. <i>Journal of Immunology</i> , <b>2012</b> , 188, 4149-57	5.3	38
42	Preclinical evaluation of a MAGE-A3 vaccination utilizing the oncolytic Maraba virus currently in first-in-human trials. <i>OncImmunology</i> , <b>2019</b> , 8, e1512329	7.2	38
41	ORFV: a novel oncolytic and immune stimulating parapoxvirus therapeutic. <i>Molecular Therapy</i> , <b>2012</b> , 20, 1148-57	11.7	36
40	Heterologous boosting of recombinant adenoviral prime immunization with a novel vesicular stomatitis virus-vectored tuberculosis vaccine. <i>Molecular Therapy</i> , <b>2008</b> , 16, 1161-9	11.7	34

39	Delivery of viral-vectored vaccines by B cells represents a novel strategy to accelerate CD8(+) T-cell recall responses. <i>Blood</i> , <b>2013</b> , 121, 2432-9	2.2	31
38	Combining oncolytic virotherapy and tumour vaccination. <i>Cytokine and Growth Factor Reviews</i> , <b>2010</b> , 21, 143-8	17.9	31
37	Privileged Antigen Presentation in Splenic B Cell Follicles Maximizes T Cell Responses in Prime-Boost Vaccination. <i>Journal of Immunology</i> , <b>2016</b> , 196, 4587-95	5.3	30
36	Customized Viral Immunotherapy for HPV-Associated Cancer. <i>Cancer Immunology Research</i> , <b>2017</b> , 5, 847-859	18.5	29
35	Oncolytic Maraba virus armed with tumor antigen boosts vaccine priming and reveals diverse therapeutic response patterns when combined with checkpoint blockade in ovarian cancer <b>2019</b> , 7, 189		27
34	Vesicular stomatitis virus oncolytic treatment interferes with tumor-associated dendritic cell functions and abrogates tumor antigen presentation. <i>Journal of Virology</i> , <b>2011</b> , 85, 12160-9	6.6	26
33	Development and applications of oncolytic Maraba virus vaccines. <i>Oncolytic Virotherapy</i> , <b>2018</b> , 7, 117-128		24
32	Dysregulation of HOX11 by chromosome translocations in T-cell acute lymphoblastic leukemia: a paradigm for homeobox gene involvement in human cancer. <i>Leukemia and Lymphoma</i> , <b>1995</b> , 16, 209-15	1.9	23
31	Preclinical development of peptide vaccination combined with oncolytic MG1-E6E7 for HPV-associated cancer. <i>Vaccine</i> , <b>2018</b> , 36, 2181-2192	4.1	20
30	IL-15 has innate anti-tumor activity independent of NK and CD8 T cells. <i>Journal of Leukocyte Biology</i> , <b>2010</b> , 88, 529-36	6.5	19
29	Respiratory mucosal delivery of next-generation COVID-19 vaccine provides robust protection against both ancestral and variant strains of SARS-CoV-2. <i>Cell</i> , <b>2022</b> ,	56.2	18
28	Diplomatic immunity: turning a foe into an ally. <i>Current Opinion in Molecular Therapeutics</i> , <b>2009</b> , 11, 13-21		18
27	Oncolytic influenza virus infection restores immunocompetence of lung tumor-associated alveolar macrophages. <i>Oncolmunology</i> , <b>2018</b> , 7, e1423171	7.2	17
26	Matrix protein of Vesicular stomatitis virus harbours a cryptic mitochondrial-targeting motif. <i>Journal of General Virology</i> , <b>2006</b> , 87, 3379-3384	4.9	17
25	Transforming the prostatic tumor microenvironment with oncolytic virotherapy. <i>Oncolmunology</i> , <b>2018</b> , 7, e1445459	7.2	15
24	Excipient selection for thermally stable enveloped and non-enveloped viral vaccine platforms in dry powders. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 561, 66-73	6.5	15
23	Immunotherapy can reject intracranial tumor cells without damaging the brain despite sharing the target antigen. <i>Journal of Immunology</i> , <b>2010</b> , 184, 4269-75	5.3	14
22	Characterization of the Shope fibroma virus DNA ligase gene. <i>Virology</i> , <b>1994</b> , 202, 642-50	3.6	14

21	A critical role for IL-15 in TLR-mediated innate antiviral immunity against genital HSV-2 infection. <i>Immunology and Cell Biology</i> , <b>2011</b> , 89, 663-9	5	12
20	Sterile filtration of oncolytic viruses: An analysis of effects of membrane morphology on fouling and product recovery. <i>Journal of Membrane Science</i> , <b>2018</b> , 548, 239-246	9.6	12
19	Enhanced immunotherapeutic profile of oncolytic virus-based cancer vaccination using cyclophosphamide preconditioning <b>2020</b> , 8,		10
18	Measles Vaccines Designed for Enhanced CD8 T Cell Activation. <i>Viruses</i> , <b>2020</b> , 12,	6.2	7
17	Maraba virus-vectored cancer vaccines represent a safe and novel therapeutic option for cats. <i>Scientific Reports</i> , <b>2017</b> , 7, 15738	4.9	7
16	Phase I study of oncolytic virus (OV) MG1 maraba/MAGE-A3 (MG1MA3), with and without transgenic MAGE-A3 adenovirus vaccine (AdMA3) in incurable advanced/metastatic MAGE-A3-expressing solid tumours: CCTG IND.214.. <i>Journal of Clinical Oncology</i> , <b>2017</b> , 35, e14637-e14637	2.2	6
15	Using G-deleted vesicular stomatitis virus to probe the innate anti-viral response. <i>Journal of Virological Methods</i> , <b>2008</b> , 153, 276-9	2.6	5
14	Detection of Tumor Antigen-Specific T-Cell Responses After Oncolytic Vaccination. <i>Methods in Molecular Biology</i> , <b>2020</b> , 2058, 191-211	1.4	5
13	Spray dried VSV-vectored vaccine is thermally stable and immunologically active in vivo. <i>Scientific Reports</i> , <b>2020</b> , 10, 13349	4.9	5
12	Aerosol delivery, but not intramuscular injection, of adenovirus-vectored tuberculosis vaccine induces respiratory-mucosal immunity in humans.. <i>JCI Insight</i> , <b>2022</b> ,	9.9	4
11	Purification of therapeutic adenoviruses using laterally-fed membrane chromatography. <i>Journal of Membrane Science</i> , <b>2019</b> , 579, 351-358	9.6	4
10	RNA editing enzyme APOBEC3A promotes pro-inflammatory M1 macrophage polarization. <i>Communications Biology</i> , <b>2021</b> , 4, 102	6.7	4
9	Consecutive Spray Drying to Produce Coated Dry Powder Vaccines Suitable for Oral Administration. <i>ACS Biomaterials Science and Engineering</i> , <b>2018</b> , 4, 1669-1678	5.5	3
8	Exon-skipping in BCR/ABL is induced by ABL exon 2. <i>Biochemical Journal</i> , <b>2000</b> , 348, 63	3.8	3
7	CXCR6 by increasing retention of memory CD8 T cells in the ovarian tumor microenvironment promotes immunosurveillance and control of ovarian cancer <b>2021</b> , 9,		3
6	Oncolytic viruses: a step into cancer immunotherapy. <i>Virus Adaptation and Treatment</i> , <b>2011</b> , 1		2
5	Natural killer T cell immunotherapy combined with IL-15-expressing oncolytic virotherapy and PD-1 blockade mediates pancreatic tumor regression. <b>2022</b> , 10,		2
4	Synergistic anti-tumor efficacy of oncolytic influenza viruses and B7-H3 immune- checkpoint inhibitors against IC-resistant lung cancers. <i>Oncolmmunology</i> , <b>2021</b> , 10, 1885778	7.2	1

- 3 Single-dose respiratory mucosal delivery of next-generation viral-vectored COVID-19 vaccine provides robust protection against both ancestral and variant strains of SARS-CoV-2 1
- 2 Combining Oncolytic Viruses with Cancer Immunotherapy **2011**, 339-355
- 1 Probing effects of additives on the filterability of oncolytic viruses via a microfiltration process. *Journal of Membrane Science*, **2021**, 620, 118783 9.6