

John W Barrett

List of Publications by Citations

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

80
papers

3,061
citations

28
h-index

54
g-index

84
ext. papers

3,432
ext. citations

7
avg, IF

4.44
L-index

#	Paper	IF	Citations
80	Poxviruses and immune evasion. <i>Annual Review of Immunology</i> , 2003 , 21, 377-423	34.7	493
79	A poxvirus-encoded pyrin domain protein interacts with ASC-1 to inhibit host inflammatory and apoptotic responses to infection. <i>Immunity</i> , 2005 , 23, 587-98	32.3	193
78	Infection of human cancer cells with myxoma virus requires Akt activation via interaction with a viral ankyrin-repeat host range factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 4640-5	11.5	146
77	Disruption of Erk-dependent type I interferon induction breaks the myxoma virus species barrier. <i>Nature Immunology</i> , 2004 , 5, 1266-74	19.1	145
76	Impaired H3K36 methylation defines a subset of head and neck squamous cell carcinomas. <i>Nature Genetics</i> , 2017 , 49, 180-185	36.3	132
75	Myxoma virus is a novel oncolytic virus with significant antitumor activity against experimental human gliomas. <i>Cancer Research</i> , 2005 , 65, 9982-9990	10.1	131
74	Modulating chemokines: more lessons from viruses. <i>Trends in Immunology</i> , 2000 , 21, 100-6		102
73	Targeting human medulloblastoma: oncolytic virotherapy with myxoma virus is enhanced by rapamycin. <i>Cancer Research</i> , 2007 , 67, 8818-27	10.1	88
72	Myxoma virus M11L prevents apoptosis through constitutive interaction with Bak. <i>Journal of Virology</i> , 2004 , 78, 7097-111	6.6	76
71	RIG-I mediates the co-induction of tumor necrosis factor and type I interferon elicited by myxoma virus in primary human macrophages. <i>PLoS Pathogens</i> , 2008 , 4, e1000099	7.6	72
70	Treatment-naïve HPV+ head and neck cancers display a T-cell-inflamed phenotype distinct from their HPV- counterparts that has implications for immunotherapy. <i>Oncotmunology</i> , 2018 , 7, e1498439	7.2	68
69	Role of the serine-threonine kinase PAK-1 in myxoma virus replication. <i>Journal of Virology</i> , 2003 , 77, 5877-88		68
68	Myxoma virus M141R expresses a viral CD200 (vOX-2) that is responsible for down-regulation of macrophage and T-cell activation in vivo. <i>Journal of Virology</i> , 2005 , 79, 6052-67	6.6	67
67	Oncolytic virotherapy synergism with signaling inhibitors: Rapamycin increases myxoma virus tropism for human tumor cells. <i>Journal of Virology</i> , 2007 , 81, 1251-60	6.6	66
66	Myxoma virus oncolysis of primary and metastatic B16F10 mouse tumors in vivo. <i>Molecular Therapy</i> , 2008 , 16, 52-9	11.7	60
65	Myxoma virus M11L blocks apoptosis through inhibition of conformational activation of Bax at the mitochondria. <i>Journal of Virology</i> , 2006 , 80, 1140-51	6.6	56
64	A secreted high-affinity inhibitor of human TNF from Tanapox virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 4831-6	11.5	54

63	Immunomodulatory proteins of myxoma virus. <i>Seminars in Immunology</i> , 2001 , 13, 73-84	10.7	54
62	High frequency of activating PIK3CA mutations in human papillomavirus-positive oropharyngeal cancer. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2013 , 139, 617-22	3.9	53
61	Role of FDG-PET as a biological marker for predicting the hypoxic status of tongue cancer. <i>Head and Neck</i> , 2012 , 34, 1395-402	4.2	47
60	Complete genomic sequence and comparative analysis of the tumorigenic poxvirus Yaba monkey tumor virus. <i>Journal of Virology</i> , 2003 , 77, 13335-47	6.6	45
59	Oncolytic efficacy of recombinant vesicular stomatitis virus and myxoma virus in experimental models of rhabdoid tumors. <i>Clinical Cancer Research</i> , 2008 , 14, 1218-27	12.9	42
58	Does HPV type affect outcome in oropharyngeal cancer?. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2013 , 42, 9	5.4	41
57	M-T5, the ankyrin repeat, host range protein of myxoma virus, activates Akt and can be functionally replaced by cellular PIKE-A. <i>Journal of Virology</i> , 2007 , 81, 2340-8	6.6	35
56	Frequent mutations in TP53 and CDKN2A found by next-generation sequencing of head and neck cancer cell lines. <i>JAMA Otolaryngology</i> , 2012 , 138, 732-9		34
55	Poxvirus tumor necrosis factor receptor (TNFR)-like T2 proteins contain a conserved preligand assembly domain that inhibits cellular TNFR1-induced cell death. <i>Journal of Virology</i> , 2006 , 80, 9300-9	6.6	34
54	Clinical value of office-based endoscopic incisional biopsy in diagnosis of nasal cavity masses. <i>Otolaryngology - Head and Neck Surgery</i> , 2010 , 143, 341-7	5.5	29
53	Identification of host range mutants of myxoma virus with altered oncolytic potential in human glioma cells. <i>Journal of NeuroVirology</i> , 2007 , 13, 549-60	3.9	29
52	Evidence for differential viral oncolytic efficacy in an in vitro model of epithelial ovarian cancer metastasis. <i>Molecular Therapy - Oncolytics</i> , 2015 , 2, 15013	6.4	28
51	M135R is a novel cell surface virulence factor of myxoma virus. <i>Journal of Virology</i> , 2007 , 81, 106-14	6.6	27
50	Potent oncolytic activity of raccoonpox virus in the absence of natural pathogenicity. <i>Molecular Therapy</i> , 2010 , 18, 896-902	11.7	25
49	Myxoma virus M063R is a host range gene essential for virus replication in rabbit cells. <i>Virology</i> , 2007 , 361, 123-32	3.6	24
48	Optimization of codon usage of poxvirus genes allows for improved transient expression in mammalian cells. <i>Virus Genes</i> , 2006 , 33, 15-26	2.3	24
47	Central auditory processing impairment in patients with temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2011 , 20, 370-4	3.2	23
46	Myxoma and vaccinia viruses exploit different mechanisms to enter and infect human cancer cells. <i>Virology</i> , 2010 , 401, 266-79	3.6	23

45	Exploiting high-throughput cell line drug screening studies to identify candidate therapeutic agents in head and neck cancer. <i>BMC Pharmacology & Toxicology</i> , 2014 , 15, 66	2.6	21
44	ERK-TSC2 signalling in constitutively-active HRAS mutant HNSCC cells promotes resistance to PI3K inhibition. <i>Oral Oncology</i> , 2018 , 84, 95-103	4.4	19
43	Variable expression of the forgotten oncogene E5 in HPV-positive oropharyngeal cancer. <i>Journal of Clinical Virology</i> , 2014 , 61, 94-100	14.5	19
42	Genomically driven precision medicine to improve outcomes in anaplastic thyroid cancer. <i>Journal of Oncology</i> , 2014 , 2014, 936285	4.5	19
41	Repurposing Albendazole: new potential as a chemotherapeutic agent with preferential activity against HPV-negative head and neck squamous cell cancer. <i>Oncotarget</i> , 2017 , 8, 71512-71519	3.3	18
40	Human papillomavirus dysregulates the cellular apparatus controlling the methylation status of H3K27 in different human cancers to consistently alter gene expression regardless of tissue of origin. <i>Oncotarget</i> , 2017 , 8, 72564-72576	3.3	18
39	Analysis of Class I Major Histocompatibility Complex Gene Transcription in Human Tumors Caused by Human Papillomavirus Infection. <i>Viruses</i> , 2017 , 9,	6.2	17
38	Induction of alpha/beta interferon by myxoma virus is selectively abrogated when primary mouse embryo fibroblasts become immortalized. <i>Journal of Virology</i> , 2009 , 83, 5928-32	6.6	16
37	Yaba monkey tumor virus encodes a functional inhibitor of interleukin-18. <i>Journal of Virology</i> , 2008 , 82, 522-8	6.6	16
36	Comparative genetic analysis of genomic DNA sequences of two human isolates of Tanapox virus. <i>Virus Research</i> , 2007 , 129, 11-25	6.4	16
35	A controlled trial of HNSCC patient-derived xenografts reveals broad efficacy of PI3K inhibition in controlling tumor growth. <i>International Journal of Cancer</i> , 2019 , 145, 2100-2106	7.5	16
34	Mutational analysis of head and neck squamous cell carcinoma stratified by smoking status. <i>JCI Insight</i> , 2019 , 4,	9.9	15
33	Survival-Associated Metabolic Genes in Human Papillomavirus-Positive Head and Neck Cancers. <i>Cancers</i> , 2020 , 12,	6.6	15
32	Disruption of the RICTOR/mTORC2 complex enhances the response of head and neck squamous cell carcinoma cells to PI3K inhibition. <i>Molecular Oncology</i> , 2019 , 13, 2160-2177	7.9	13
31	Myxoma virus selectively disrupts type I interferon signaling in primary human fibroblasts by blocking the activation of the Janus kinase Tyk2. <i>Virology</i> , 2009 , 387, 136-46	3.6	13
30	Variation in ligand binding specificities of a novel class of poxvirus-encoded tumor necrosis factor-binding protein. <i>Journal of Biological Chemistry</i> , 2006 , 281, 22517-26	5.4	13
29	Lestaurtinib is a potent inhibitor of anaplastic thyroid cancer cell line models. <i>PLoS ONE</i> , 2018 , 13, e02073152	3.7	12
28	High Level Expression of MHC-II in HPV+ Head and Neck Cancers Suggests that Tumor Epithelial Cells Serve an Important Role as Accessory Antigen Presenting Cells. <i>Cancers</i> , 2019 , 11,	6.6	11

27	Cloning, sequencing and transcriptional analysis of the Choristoneura fumiferana entomopoxvirus spheroidin gene. <i>Virus Research</i> , 1997 , 47, 143-54	6.4	11
26	High-throughput testing in head and neck squamous cell carcinoma identifies agents with preferential activity in human papillomavirus-positive or negative cell lines. <i>Oncotarget</i> , 2018 , 9, 26064-26071	3.3	11
25	Myxoma virus M130R is a novel virulence factor required for lethal myxomatosis in rabbits. <i>Virus Research</i> , 2009 , 144, 258-65	6.4	10
24	Tropism of Tanapox virus infection in primary human cells. <i>Virology</i> , 2007 , 368, 32-40	3.6	10
23	Myxoma virus expressing human interleukin-12 does not induce myxomatosis in European rabbits. <i>Journal of Virology</i> , 2007 , 81, 12704-8	6.6	8
22	Raccoonpox in a Canadian cat. <i>Veterinary Dermatology</i> , 2006 , 17, 443-8	1.8	8
21	Sex disparities in head & neck cancer driver genes: An analysis of the TCGA dataset. <i>Oral Oncology</i> , 2020 , 104, 104614	4.4	7
20	The prevalence of human papillomavirus in pediatric tonsils: a systematic review of the literature. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2018 , 47, 8	5.4	7
19	Vaccinia virus outperforms a panel of other poxviruses as a potent oncolytic agent for the control of head and neck squamous cell carcinoma cell lines. <i>Intervirology</i> , 2014 , 57, 17-22	2.5	7
18	The control of anaplastic thyroid carcinoma cell lines by oncolytic poxviruses. <i>Virus Research</i> , 2014 , 190, 53-9	6.4	7
17	The tanapoxvirus 15L protein is a virus-encoded neuregulin that promotes viral replication in human endothelial cells. <i>Journal of Virology</i> , 2013 , 87, 3018-26	6.6	7
16	Genomic and human papillomavirus profiling of an oral cancer cohort identifies TP53 as a predictor of overall survival. <i>Cancers of the Head & Neck</i> , 2019 , 4, 5	5.9	6
15	TAM family receptors in conjunction with MAPK signalling are involved in acquired resistance to PI3K inhibition in head and neck squamous cell carcinoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020 , 39, 217	12.8	5
14	All HPV-negative head and neck cancers are not the same: Analysis of the TCGA dataset reveals that anatomical sites have distinct mutation, transcriptome, hypoxia, and tumor microenvironment profiles. <i>Oral Oncology</i> , 2021 , 116, 105260	4.4	5
13	The extracellular domain of CD11d regulates its cell surface expression. <i>Journal of Leukocyte Biology</i> , 2009 , 86, 851-62	6.5	4
12	Spleen tyrosine kinase expression is correlated with human papillomavirus in head and neck cancer. <i>Oral Oncology</i> , 2020 , 101, 104529	4.4	4
11	Feasibility of Targeting PIK3CA Mutations in Head and Neck Squamous Cell Carcinoma. <i>Pathology and Oncology Research</i> , 2016 , 22, 35-40	2.6	3
10	Chromosome 3p loss in the progression and prognosis of head and neck cancer. <i>Oral Oncology</i> , 2020 , 109, 104944	4.4	3

9	Flavopiridol causes cell cycle inhibition and demonstrates anti-cancer activity in anaplastic thyroid cancer models. <i>PLoS ONE</i> , 2020 , 15, e0239315	3.7	3
8	Characterization of the nucleoside triphosphate phosphohydrolase I gene from the <i>Choristoneura fumiferana</i> entomopoxvirus. <i>Virus Research</i> , 1998 , 56, 93-105	6.4	2
7	Origin and Evolution of Poxviruses 2008 , 431-446		2
6	Genus <i>Leporipoxvirus</i> 2007 , 183-201		2
5	Low expression of NSD1, NSD2, and NSD3 define a subset of human papillomavirus-positive oral squamous carcinomas with unfavorable prognosis. <i>Infectious Agents and Cancer</i> , 2021 , 16, 13	3.5	2
4	DIY: Visualizing the immune landscape of tumors using transcriptome and methylome data. <i>Methods in Enzymology</i> , 2020 , 636, 49-76	1.7	1
3	Analysis of the TCGA Dataset Reveals that Subsites of Laryngeal Squamous Cell Carcinoma are Molecularly Distinct. <i>Cancers</i> , 2020 , 13,	6.6	1
2	Introduction and expression of PIK3CA in a papillary thyroid cancer BRAF cell line leads to a dedifferentiated aggressive phenotype.. <i>Journal of Otolaryngology - Head and Neck Surgery</i> , 2022 , 51, 7	5.4	1
1	Detection of Circulating Tumor DNA in Patients with Thyroid Nodules. <i>International Journal of Endocrinology</i> , 2021 , 2021, 8909224	2.7	0