Arthur Sugden

List of Publications by Year
in descending order

105 papers	7,318 citations	71102 41 h-index	58581 82 g-index
111 all docs	111 docs citations	111 times ranked	4406 citing authors

#	Article	IF	Citations
1	Stable replication of plasmids derived from Epsteinâ€“Barr virus in various mammalian cells. Nature, 1985, 313, 812-815.	27.8	1,399
2	Genetic analysis of immortalizing functions of Epsteinâ€“Barr virus in human B lymphocytes. Nature, 1989, 340, 393-397.	27.8	619
3	Identification and characterization of oriLyt, a lytic origin of DNA replication of Epstein-Barr virus. Cell, 1988, 55, 427-433.	28.9	438
4	MicroRNA 29c is down-regulated in nasopharyngeal carcinomas, up-regulating mRNAs encoding extracellular matrix proteins. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5874-5878.	7.1	385
5	Epstein-Barr virus provides a survival factor to Burkitt's lymphomas. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 14269-14274.	7.1	234
6	Genome-Wide Expression Profiling Reveals EBV-Associated Inhibition of MHC Class I Expression in Nasopharyngeal Carcinoma. Cancer Research, 2006, 66, 7999-8006.	0.9	207
7	The coupling of synthesis and partitioning of EBV's plasmid replicon is revealed in live cells. EMBO Journal, 2007, 26, 4252-4262.	7.8	167
8	EBNA-1: a protein pivotal to latent infection by Epstein-Barr virus. Reviews in Medical Virology, 2000, 10, 83-100.	8.3	163
9	Identification of antigenic determinants unique to the surfaces of cells transformed by Epsteinâ€“Barr virus. Nature, 1981, 294, 458-460.	27.8	139
10	The structure of the termini of the DNA of Epstein-Barr virus. Cell, 1979, 17, 661-671.	28.9	132
11	The microRNAs of Epsteinâ€“Barr Virus are expressed at dramatically differing levels among cell lines. Virology, 2009, 386, 387-397.	2.4	130
12	Epsteinâ€“Barr virus microRNAs reduce immune surveillance by virus-specific CD8 ⁺ T cells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6467-E6475.	7.1	127
13	Latent membrane protein 1 of Epsteinâ€“Barr virus coordinately regulates proliferation with control of apoptosis. Oncogene, 2005, 24, 1711-1717.	5.9	125
14	Transcriptional activation by EBV nuclear antigen 1 is essential for the expression of EBV's transforming genes. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 14188-14193.	7.1	125
15	CD40 and its viral mimic, LMP1: similar means to different ends. Cellular Signalling, 2003, 15, 9-16.	3.6	111
16	The plasmid replicon of EBV consists of multiplecis-acting elements that facilitate DNA synthesis by the cell and a viral maintenance element. EMBO Journal, 1998, 17, 6394-6403.	7.8	110
17	Epstein-Barr viral miRNAs inhibit antiviral CD4+ T cell responses targeting IL-12 and peptide processing. Journal of Experimental Medicine, 2016, 213, 2065-2080.	8.5	108
18	The plasmid replicon of Epsteinâ€“Barr virus: Mechanistic insights into efficient, licensed, extrachromosomal replication in human cells. Plasmid, 2007, 58, 1-12.	1.4	103

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19	The Linking Regions of EBNA1 Are Essential for Its Support of Replication and Transcription. Molecular and Cellular Biology, 1999, 19, 3349-3359.	2.3	98
20	Replication of Epstein-Barr Viral DNA. Cold Spring Harbor Perspectives in Biology, 2013, 5, a013029-a013029.	5.5	92
21	The LMP1 oncogene of EBV activates PERK and the unfolded protein response to drive its own synthesis. Blood, 2008, 111, 2280-2289.	1.4	91
22	Establishment of an oriP Replicon Is Dependent upon an Infrequent, Epigenetic Event. Molecular and Cellular Biology, 2001, 21, 4149-4161.	2.3	84
23	Lymphomas differ in their dependence on Epstein-Barr virus. Blood, 2011, 117, 1977-1985.	1.4	84
24	Replication of Plasmids Derived from Bovine Papilloma Virus Type 1 and Epstein-Barr Virus in Cells in Culture. Annual Review of Cell Biology, 1987, 3, 87-108.	26.1	82
25	An intricate route to immortality. Cell, 1989, 57, 5-7.	28.9	82
26	EBNA-1, a Bifunctional Transcriptional Activator. Molecular and Cellular Biology, 2003, 23, 6901-6908.	2.3	79
27	Infection of EBV-Genome-Negative and – Positive Human Lymphoblastoid Cell Lines with Biologically Different Preparations of EBV. Intervirology, 1974, 3, 232-244.	2.8	70
28	The Latent Membrane Protein 1 (LMP1) Oncogene of Epstein-Barr Virus Can Simultaneously Induce and Inhibit Apoptosis in B Cells. Journal of Virology, 2012, 86, 4380-4393.	3.4	70
29	Latency comes of age for herpesviruses. Cell, 1988, 52, 787-789.	28.9	69
30	Epsteinâ€“Barr Virus: How Its Lytic Phase Contributes to Oncogenesis. Microorganisms, 2020, 8, 1824.	3.6	63
31	Immortalizing Genes of Epstein-Barr Virus. Advances in Virus Research, 1991, 40, 19-55.	2.1	62
32	Identifying Sites Bound by Epstein-Barr Virus Nuclear Antigen 1 (EBNA1) in the Human Genome: Defining a Position-Weighted Matrix To Predict Sites Bound by EBNA1 in Viral Genomes. Journal of Virology, 2009, 83, 2930-2940.	3.4	62
33	LMP1, a viral relative of the TNF receptor family, signals principally from intracellular compartments. EMBO Journal, 2003, 22, 3027-3038.	7.8	61
34	The amino-terminus and membrane-spanning domains of LMP-1 inhibit cell proliferation. Oncogene, 2000, 19, 1400-1410.	5.9	60
35	High Physiological Levels of LMP1 Result in Phosphorylation of eIF2Î± in Epstein-Barr Virus-Infected Cells. Journal of Virology, 2004, 78, 1657-1664.	3.4	59
36	Epsteinâ€“Barr virus sustains Burkitt's lymphomas and Hodgkin's disease. Trends in Molecular Medicine, 2004, 10, 331-336.	6.7	59

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37	Inhibition by Î±-Amanitin of Simian Virus 40-Specific Ribonucleic Acid Synthesis in Nuclei of Infected Monkey Cells. Journal of Virology, 1972, 10, 1086-1089.	3.4	59
38	Coupled transcriptome and proteome analysis of human lymphotropic tumor viruses: insights on the detection and discovery of viral genes. BMC Genomics, 2011, 12, 625.	2.8	50
39	Rep*: a Viral Element That Can Partially Replace the Origin of Plasmid DNA Synthesis of Epstein-Barr Virus. Journal of Virology, 1998, 72, 4657-4666.	3.4	50
40	The Unfolded Protein Response and Autophagy: Herpesviruses Rule!. Journal of Virology, 2009, 83, 1168-1172.	3.4	45
41	Potential Cellular Functions of Epstein-Barr Nuclear Antigen 1 (EBNA1) of Epstein-Barr Virus. Viruses, 2013, 5, 226-240.	3.3	45
42	Epstein-Barr Viral Productive Amplification Reprograms Nuclear Architecture, DNA Replication, and Histone Deposition. Cell Host and Microbe, 2013, 14, 607-618.	11.0	44
43	Epstein-Barr Virus: The Path from Latent to Productive Infection. Annual Review of Virology, 2016, 3, 359-372.	6.7	43
44	Multiple functions are mediated by the miRNAs of Epstein-Barr virus. Current Opinion in Virology, 2014, 7, 61-65.	5.4	41
45	Characterization and Intracellular Trafficking of Epstein-Barr Virus BBLF1, a Protein Involved in Virion Maturation. Journal of Virology, 2012, 86, 9647-9655.	3.4	36
46	Origins of bidirectional replication of Epstein-Barr virus: Models for understanding mammalian origins of DNA synthesis. Journal of Cellular Biochemistry, 2005, 94, 247-256.	2.6	34
47	Proof for EBV's sustaining role in Burkitt's lymphomas. Seminars in Cancer Biology, 2009, 19, 389-393.	9.6	34
48	Latent Membrane Protein 1 of Epstein-Barr Virus Inhibits as Well as Stimulates Gene Expression. Journal of Virology, 2000, 74, 9755-9761.	3.4	32
49	Essential Elements of a Licensed, Mammalian Plasmid Origin of DNA Synthesis. Molecular and Cellular Biology, 2006, 26, 1124-1134.	2.3	32
50	How Kaposiâ€™s sarcoma-associated herpesvirus stably transforms peripheral B cells towards lymphomagenesis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16519-16528.	7.1	32
51	Studies on the Mechanism of DNA Linking by Epstein-Barr Virus Nuclear Antigen 1. Journal of Biological Chemistry, 1997, 272, 29873-29879.	3.4	31
52	EBV Is Necessary for Proliferation of Dually Infected Primary Effusion Lymphoma Cells. Cancer Research, 2008, 68, 6963-6968.	0.9	31
53	Kaposiâ€™s sarcomaâ€“associated herpesvirus stably clusters its genomes across generations to maintain itself extrachromosomally. Journal of Cell Biology, 2017, 216, 2745-2758.	5.2	31
54	LMP-1's Transmembrane Domains Encode Multiple Functions Required for LMP-1's Efficient Signaling. Journal of Virology, 2002, 76, 11551-11560.	3.4	30

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55	Insights into the Evolution of Lymphomas Induced by Epsteinâ€“Barr Virus. Advances in Cancer Research, 2010, 108, 1-19.	5.0	28
56	An Epigenetic Journey: Epstein-Barr Virus Transcribes Chromatinized and Subsequently Unchromatinized Templates during Its Lytic Cycle. Journal of Virology, 2019, 93, .	3.4	25
57	Fusions between Epstein-Barr Viral Nuclear Antigen-1 of Epstein-Barr Virus and the Large T-antigen of Simian Virus 40 Replicate Their Cognate Origins. Journal of Biological Chemistry, 1998, 273, 33073-33081.	3.4	23
58	The Affinity of EBNA1 for Its Origin of DNA Synthesis Is a Determinant of the Origin's Replicative Efficiency. Journal of Virology, 2008, 82, 5693-5702.	3.4	21
59	Epstein-Barr Virus: The Path from Association to Causality for a Ubiquitous Human Pathogen. PLoS Biology, 2014, 12, e1001939.	5.6	21
60	Plasmid Partitioning by Human Tumor Viruses. Journal of Virology, 2018, 92, .	3.4	21
61	The Epstein-Barr Virus Oncogene EBNA1 Suppresses Natural Killer Cell Responses and Apoptosis Early after Infection of Peripheral B Cells. MBio, 2021, 12, e0224321.	4.1	21
62	Herpes Simplex Virus DNA Replication and Genome Maturation. , 0, , 189-213.		20
63	The AT-hook DNA binding ability of the Epstein Barr virus EBNA1 protein is necessary for the maintenance of viral genomes in latently infected cells. Virology, 2015, 484, 251-258.	2.4	19
64	A Membrane Leucine Heptad Contributes to Trafficking, Signaling, and Transformation by Latent Membrane Protein 1. Journal of Virology, 2007, 81, 9121-9130.	3.4	18
65	Burkitt Lymphomas Evolve to Escape Dependencies on Epstein-Barr Virus. Frontiers in Cellular and Infection Microbiology, 2020, 10, 606412.	3.9	18
66	Identifying a property of origins of DNA synthesis required to support plasmids stably in human cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9639-9644.	7.1	17
67	The cis -Acting Family of Repeats Can Inhibit as well as Stimulate Establishment of an oriP Replicon. Journal of Virology, 2001, 75, 10709-10720.	3.4	16
68	Dissecting the regulation of EBV's BART miRNAs in carcinomas. Virology, 2017, 505, 148-154.	2.4	16
69	Transforming Functions Associated with Epstein-Barr Virus. Journal of Investigative Dermatology, 1984, 83, S82-S87.	0.7	15
70	Latent infection of B lymphocytes by Epstein-Barr virus. Seminars in Virology, 1994, 5, 197-205.	3.9	14
71	Using Organotypic Epithelial Tissue Culture to Study the Human Papillomavirus Life Cycle. Current Protocols in Microbiology, 2016, 41, 14B.8.1-14B.8.19.	6.5	14
72	How some retro-viruses got their oncogenes. Trends in Biochemical Sciences, 1993, 18, 233-235.	7.5	13

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73	[18] Applications of oriP plasmids and their mode of replication. Methods in Enzymology, 1999, 306, 308-328.	1.0	13
74	In the beginning: a viral origin exploits the cell. Trends in Biochemical Sciences, 2002, 27, 1-3.	7.5	13
75	The Molecular Biology of Lymphotropic Herpesviruses. Advances in Cancer Research, 1979, 30, 239-278.	5.0	12
76	How Human Tumor Viruses Make Use of Autophagy. Cells, 2012, 1, 617-630.	4.1	12
77	Expression of Virus-Associated Functions in Cells Transformed in Vitro by Epstein-Barr Virus: Epstein-Barr Virus Cell Surface Antigen and Virus-Release from Transformed Cells. , 1984, , 165-177.		12
78	Identification of Properties of the Kaposi's Sarcoma-Associated Herpesvirus Latent Origin of Replication That Are Essential for the Efficient Establishment and Maintenance of Intact Plasmids. Journal of Virology, 2014, 88, 8490-8503.	3.4	11
79	Four-dimensional analyses show that replication compartments are clonal factories in which Epsteinâ€“Barr viral DNA amplification is coordinated. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 24630-24638.	7.1	11
80	Comparing Proteomics and RISC Immunoprecipitations to Identify Targets of Epstein-Barr Viral miRNAs. PLoS ONE, 2012, 7, e47409.	2.5	8
81	Micro mystery solution. Nature, 2006, 442, 33-34.	27.8	6
82	Retrovirus Variation and Evolution. , 0, , 221-244.		5
83	Malignant Transformation of Cells by the v-Rel Oncoprotein. , 0, , 109-128.		4
84	Monitoring Plasmid Replication in Live Mammalian Cells over Multiple Generations by Fluorescence Microscopy. Journal of Visualized Experiments, 2012, , e4305.	0.3	3
85	How Epsteinâ€“Barr Virus and Kaposiâ€™s Sarcoma-Associated Herpesvirus Are Maintained Together to Transform the Same B-Cell. Viruses, 2021, 13, 1478.	3.3	3
86	The Dilemma of Developing and Testing AIDS Vaccines. , 0, , 301-312.		3
87	EBV's open sesame. Trends in Biochemical Sciences, 1992, 17, 239-240.	7.5	2
88	Viruses, Genes, and Cancer: a Lineage of Discovery. , 0, , 81-94.		2
89	Mammalian Development and Human Cancer: from the Phage Group to the Genetics of Intestinal Cancer. , 0, , 95-107.		2
90	Virus-based vectors for gene expression in mammalian cells: Epstein-Barr virus. New Comprehensive Biochemistry, 2003, , 55-70.	0.1	1

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91	Viruses and Human Cancer. , 2020, , 165-179.e7.		1
92	Epstein-Barr Virus Limits the Accumulation of IPO7, an Essential Gene Product. Frontiers in Microbiology, 2021, 12, 643327.	3.5	1
93	EBNA-1: a protein pivotal to latent infection by Epsteinâ€"Barr virus. , 0, .		1
94	Viruses and Human Cancer. , 2014, , 154-168.e7.		1
95	Reprint of Temin's 1964 Paper Proposing the DNA Provirus Hypothesis. , 0, , 25-40.		1
96	Long-distance communication: Looping of human papillomavirus genomes regulates expression of viral oncogenes. PLoS Biology, 2018, 16, e3000062.	5.6	0
97	4D Analyses Show That Replication Compartments Are Clonal Factories in Which Epsteinâ€"Barr Viral DNA Amplification Is Coordinated. Proceedings (mdpi), 2020, 50, 140.	0.2	0
98	Under the Influence: from the Provirus Hypothesis to Multistep Carcinogenesis. , 0, , 185-188.		0
99	On the Origin of Oncogenes. , 0, , 61-80.		0
100	Reprint of Temin and Mizutani's 1970 Paper Reporting the Discovery of Reverse Transcriptase. , 0, , 47-53.		0
101	Reprint of Temin and Rubin's 1958 Paper Describing the Focus Assay for Transformation by Rous Sarcoma Virus. , 0, , 1-24.		0
102	Progress in the Molecular Medicine of Cancer. , 0, , 129-152.		0
103	Cherish An Idea That Does Not Attach Itself to Anything. , 0, , 271-286.		0
104	Reprint of Temin's 1971 Paper Proposing the Protovirus Hypothesis. , 0, , 55-60.		0
105	Optimal LentiCRISPR-Based System for Sequential CRISPR/Cas9 Screens. ACS Synthetic Biology, 2022, 11, 2259-2266.	3.8	0