William L Brown

List of Publications by Year
in descending order

34 papers	2,923 citations	346980 22 h-index	425179 34 g-index
36 all docs	36 docs citations	36 times ranked	3345 citing authors

#	Article	IF	Citations
1	Structural Characterization of a Minimal Antibody against Human APOBEC3B. Viruses, 2021, 13, 663.	1.5	2
2	Induction of APOBEC3 Exacerbates DNA Replication Stress and Chromosomal Instability in Early Breast and Lung Cancer Evolution. Cancer Discovery, 2021, 11, 2456-2473.	7.7	74
3	Functional and Structural Insights into a Vif/PPP2R5 Complex Elucidated Using Patient HIV-1 Isolates and Computational Modeling. Journal of Virology, 2020, 94, .	1.5	6
4	The DNA Cytosine Deaminase APOBEC3B is a Molecular Determinant of Platinum Responsiveness in Clear Cell Ovarian Cancer. Clinical Cancer Research, 2020, 26, 3397-3407.	3.2	45
5	MagnEditâ€"interacting factors that recruit DNA-editing enzymes to single base targets. Life Science Alliance, 2020, 3, e201900606.	1.3	7
6	HIV-1 Vif Triggers Cell Cycle Arrest by Degrading Cellular PPP2R5 Phospho-regulators. Cell Reports, 2019, 29, 1057-1065.e4.	2.9	28
7	The deaminase APOBEC3B triggers the death of cells lacking uracil DNA glycosylase. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 22158-22163.	3.3	34
8	A Rabbit Monoclonal Antibody against the Antiviral and Cancer Genomic DNA Mutating Enzyme APOBEC3B. Antibodies, 2019, 8, 47.	1.2	30
9	The DNA deaminase APOBEC3B interacts with the cell-cycle protein CDK4 and disrupts CDK4-mediated nuclear import of Cyclin D1. Journal of Biological Chemistry, 2019, 294, 12099-12111.	1.6	21
10	A lentivirus-based system for Cas9/gRNA expression and subsequent removal by Cre-mediated recombination. Methods, 2019, 156, 79-84.	1.9	17
11	Epsteinâ€"Barr virus BORF2 inhibits cellular APOBEC3B to preserve viral genome integrity. Nature Microbiology, 2019, 4, 78-88.	5.9	95
12	HIV-1 restriction by endogenous APOBEC3G in the myeloid cell line THP-1. Journal of General Virology, 2019, 100, 1140-1152.	1.3	19
13	Simian Immunodeficiency Virus Vif and Human APOBEC3B Interactions Resemble Those between HIV-1 Vif and Human APOBEC3G. Journal of Virology, 2018, 92, .	1.5	10
14	The Antiviral and Cancer Genomic DNA Deaminase APOBEC3H Is Regulated by an RNA-Mediated Dimerization Mechanism. Molecular Cell, 2018, 69, 75-86.e9.	4.5	65
15	Natural APOBEC3C variants can elicit differential HIV-1 restriction activity. Retrovirology, 2018, 15, 78.	0.9	25
16	Genetic and mechanistic basis for APOBEC3H alternative splicing, retrovirus restriction, and counteraction by HIV-1 protease. Nature Communications, 2018, 9, 4137.	5.8	28
17	APOBEC3H Subcellular Localization Determinants Define Zipcode for Targeting HIV-1 for Restriction. Molecular and Cellular Biology, 2018, 38, .	1.1	16
18	APOBEC3B Nuclear Localization Requires Two Distinct N-Terminal Domain Surfaces. Journal of Molecular Biology, 2018, 430, 2695-2708.	2.0	42

#	Article	IF	Citations
19	A fluorescent reporter for quantification and enrichment of DNA editing by APOBECâ€“Cas9 or cleavage by Cas9 in living cells. Nucleic Acids Research, 2018, 46, e84-e84.	6.5	56
20	APOBEC3G Expression Correlates with T-Cell Infiltration and Improved Clinical Outcomes in High-grade Serous Ovarian Carcinoma. Clinical Cancer Research, 2016, 22, 4746-4755.	3.2	59
21	The PKC/NF-ÎºB Signaling Pathway Induces APOBEC3B Expression in Multiple Human Cancers. Cancer Research, 2015, 75, 4538-4547.	0.4	116
22	Lineage-Specific Viral Hijacking of Non-canonical E3ÂUbiquitin Ligase Cofactors in the Evolution of Vif Anti-APOBEC3 Activity. Cell Reports, 2015, 11, 1236-1250.	2.9	42
23	Natural Polymorphisms in Human APOBEC3H and HIV-1 Vif Combine in Primary T Lymphocytes to Affect Viral G-to-A Mutation Levels and Infectivity. PLoS Genetics, 2014, 10, e1004761.	1.5	92
24	Catalytic activity of APOBEC3F is required for efficient restriction of Vif-deficient human immunodeficiency virus. Virology, 2014, 450-451, 49-54.	1.1	22
25	The Local Dinucleotide Preference of APOBEC3G Can Be Altered from 5â€²-CC to 5â€²-TC by a Single Amino Acid Substitution. Journal of Molecular Biology, 2013, 425, 4442-4454.	2.0	80
26	Subcellular localization of the APOBEC3 proteins during mitosis and implications for genomic DNA deamination. Cell Cycle, 2013, 12, 762-772.	1.3	127
27	APOBEC3B is an enzymatic source of mutation in breast cancer. Nature, 2013, 494, 366-370.	13.7	758
28	APOBEC3B Upregulation and Genomic Mutation Patterns in Serous Ovarian Carcinoma. Cancer Research, 2013, 73, 7222-7231.	0.4	153
29	Endogenous APOBEC3A DNA Cytosine Deaminase Is Cytoplasmic and Nongenotoxic. Journal of Biological Chemistry, 2013, 288, 17253-17260.	1.6	73
30	APOBEC3B and AID Have Similar Nuclear Import Mechanisms. Journal of Molecular Biology, 2012, 419, 301-314.	2.0	79
31	A Comparison of Two Single-Stranded DNA Binding Models by Mutational Analysis of APOBEC3G. Biology, 2012, 1, 260-276.	1.3	16
32	Human and Rhesus APOBEC3D, APOBEC3F, APOBEC3G, and APOBEC3H Demonstrate a Conserved Capacity To Restrict Vif-Deficient HIV-1. Journal of Virology, 2011, 85, 11220-11234.	1.5	310
33	Quantitative profiling of the full APOBEC3 mRNA repertoire in lymphocytes and tissues: implications for HIV-1 restriction. Nucleic Acids Research, 2010, 38, 4274-4284.	6.5	323
34	Long-Term Restriction by APOBEC3F Selects Human Immunodeficiency Virus Type 1 Variants with Restored Vif Function. Journal of Virology, 2010, 84, 10209-10219.	1.5	45