

Silvestro G Conticello

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

3,768
citations

257101

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all docs

43
docs citations

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times ranked

3819
citing authors

#	ARTICLE	IF	CITATIONS
1	The AID/APOBEC family of nucleic acid mutators. <i>Genome Biology</i> , 2008, 9, 229.	13.9	458
2	Evolution of the AID/APOBEC Family of Polynucleotide (Deoxy)cytidine Deaminases. <i>Molecular Biology and Evolution</i> , 2005, 22, 367-377.	3.5	432
3	The Vif Protein of HIV Triggers Degradation of the Human Antiretroviral DNA Deaminase APOBEC3G. <i>Current Biology</i> , 2003, 13, 2009-2013.	1.8	427
4	MODOMICS: a database of RNA modification pathways. 2021 update. <i>Nucleic Acids Research</i> , 2022, 50, D231-D235.	6.5	374
5	Evidence for host-dependent RNA editing in the transcriptome of SARS-CoV-2. <i>Science Advances</i> , 2020, 6, eabb5813.	4.7	312
6	Guidelines for Naming Nonprimate APOBEC3 Genes and Proteins. <i>Journal of Virology</i> , 2009, 83, 494-497.	1.5	217
7	Mechanisms for Evolving Hypervariability: The Case of Conopeptides. <i>Molecular Biology and Evolution</i> , 2001, 18, 120-131.	3.5	210
8	Mutational comparison of the single-domained APOBEC3C and double-domained APOBEC3F/G anti-retroviral cytidine deaminases provides insight into their DNA target site specificities. <i>Nucleic Acids Research</i> , 2005, 33, 1913-1923.	6.5	162
9	DNA Deamination in Immunity: AID in the Context of Its APOBEC Relatives. <i>Advances in Immunology</i> , 2007, 94, 37-73.	1.1	152
10	Interaction between Antibody-Diversification Enzyme AID and Spliceosome-Associated Factor CTNNB1. <i>Molecular Cell</i> , 2008, 31, 474-484.	4.5	127
11	The RNA editing enzyme APOBEC1 induces somatic mutations and a compatible mutational signature is present in esophageal adenocarcinomas. <i>Genome Biology</i> , 2014, 15, 417.	3.8	85
12	The p75 Neurotrophin Receptor Interacts with Multiple MAGE Proteins. <i>Journal of Biological Chemistry</i> , 2002, 277, 49101-49104.	1.6	84
13	Evolving better brains: a need for neurotrophins?. <i>Trends in Neurosciences</i> , 2001, 24, 79-85.	4.2	62
14	Structural features of the rat GFAP gene and identification of a novel alternative transcript. <i>Journal of Neuroscience Research</i> , 1999, 56, 219-228.	1.3	59
15	A fluorescent reporter for quantification and enrichment of DNA editing by APOBEC1-Cas9 or cleavage by Cas9 in living cells. <i>Nucleic Acids Research</i> , 2018, 46, e84-e84.	6.5	56
16	Position-specific codon conservation in hypervariable gene families. <i>Trends in Genetics</i> , 2000, 16, 57-59.	2.9	49
17	Analysis of Reptilian APOBEC1 Suggests that RNA Editing May Not Be Its Ancestral Function. <i>Molecular Biology and Evolution</i> , 2011, 28, 1125-1129.	3.5	46
18	Detecting cell-of-origin and cancer-specific methylation features of cell-free DNA from Nanopore sequencing. <i>Genome Biology</i> , 2022, 23, .	3.8	40

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19	Optimal functional levels of activation-induced deaminase specifically require the Hsp40 Dnaja1. <i>EMBO Journal</i> , 2012, 31, 679-691.	3.5	35
20	Tissue-specific DNA methylation patterns of the rat glial fibrillary acidic protein gene. <i>Journal of Neuroscience Research</i> , 1994, 39, 694-707.	1.3	34
21	The Prodomain of a Secreted Hydrophobic Mini-protein Facilitates Its Export from the Endoplasmic Reticulum by Hitchhiking on Sorting Receptors. <i>Journal of Biological Chemistry</i> , 2003, 278, 26311-26314.	1.6	33
22	Insights into DNA deaminases. <i>Nature Structural and Molecular Biology</i> , 2007, 14, 7-9.	3.6	32
23	Creative deaminases, self-inflicted damage, and genome evolution. <i>Annals of the New York Academy of Sciences</i> , 2012, 1267, 79-85.	1.8	29
24	Nanopore sequencing from liquid biopsy: analysis of copy number variations from cell-free DNA of lung cancer patients. <i>Molecular Cancer</i> , 2021, 20, 32.	7.9	27
25	Fam72a enforces error-prone DNA repair during antibody diversification. <i>Nature</i> , 2021, 600, 329-333.	13.7	26
26	A mark of disease: how mRNA modifications shape genetic and acquired pathologies. <i>Rna</i> , 2021, 27, 367-389.	1.6	24
27	New frontiers to cure Alport syndrome: COL4A3 and COL4A5 gene editing in podocyte-lineage cells. <i>European Journal of Human Genetics</i> , 2020, 28, 480-490.	1.4	22
28	GFAPbeta mRNA expression in the normal rat brain and after neuronal injury. <i>Neurochemical Research</i> , 1999, 24, 709-714.	1.6	19
29	A Neural-Specific Hypomethylated Domain in the 5' Flanking Region of the Glial Fibrillary Acidic Protein Gene. <i>Developmental Neuroscience</i> , 1997, 19, 446-456.	1.0	18
30	Flow-cytometric visualization of C>U mRNA editing reveals the dynamics of the process in live cells. <i>RNA Biology</i> , 2015, 12, 389-397.	1.5	18
31	Commentary on "Poor evidence for host-dependent regular RNA editing in the transcriptome of SARS-CoV-2". <i>Journal of Applied Genetics</i> , 2022, 63, 423-428.	1.0	16
32	An efficient method to enrich for knock-out and knock-in cellular clones using the CRISPR/Cas9 system. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 3413-3423.	2.4	12
33	AAV-mediated FOXP1 gene editing in human Rett primary cells. <i>European Journal of Human Genetics</i> , 2020, 28, 1446-1458.	1.4	12
34	High rate of HDR in gene editing of p.(Thr158Met) MECP2 mutational hotspot. <i>European Journal of Human Genetics</i> , 2020, 28, 1231-1242.	1.4	10
35	Live-Cell Quantification of APOBEC1-Mediated RNA Editing: A Comparison of RNA Editing Assays. <i>Methods in Molecular Biology</i> , 2021, 2181, 69-81.	0.4	4
36	Splice Variants of Activation Induced Deaminase (AID) Do Not Affect the Efficiency of Class Switch Recombination in Murine CH12F3 Cells. <i>PLoS ONE</i> , 2015, 10, e0121719.	1.1	1

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37	Harnessing mutation: The best of two worlds. Science, 2016, 353, 1206-1207.	6.0	1