Silvestro G Conticello

List of Publications by Year
in descending order

37 papers	3,768 citations	257101 24 h-index	315357 38 g-index
43 all docs	43 docs citations	43 times ranked	3819 citing authors

#	Article	IF	Citations
1	Commentary on â€œPoor evidence for host-dependent regular RNA editing in the transcriptome of SARS-CoV-2â€" Journal of Applied Genetics, 2022, 63, 423-428.	1.0	16
2	MODOMICS: a database of RNA modification pathways. 2021 update. Nucleic Acids Research, 2022, 50, D231-D235.	6.5	374
3	Detecting cell-of-origin and cancer-specific methylation features of cell-free DNA from Nanopore sequencing. Genome Biology, 2022, 23, .	3.8	40
4	Nanopore sequencing from liquid biopsy: analysis of copy number variations from cell-free DNA of lung cancer patients. Molecular Cancer, 2021, 20, 32.	7.9	27
5	Live-Cell Quantification of APOBEC1-Mediated RNA Editing: A Comparison of RNA Editing Assays. Methods in Molecular Biology, 2021, 2181, 69-81.	0.4	4
6	A mark of disease: how mRNA modifications shape genetic and acquired pathologies. Rna, 2021, 27, 367-389.	1.6	24
7	Fam72a enforces error-prone DNA repair during antibody diversification. Nature, 2021, 600, 329-333.	13.7	26
8	New frontiers to cure Alport syndrome: COL4A3 and COL4A5 gene editing in podocyte-lineage cells. European Journal of Human Genetics, 2020, 28, 480-490.	1.4	22
9	High rate of HDR in gene editing of p.(Thr158Met) MECP2 mutational hotspot. European Journal of Human Genetics, 2020, 28, 1231-1242.	1.4	10
10	Evidence for host-dependent RNA editing in the transcriptome of SARS-CoV-2. Science Advances, 2020, 6, eabb5813.	4.7	312
11	AAV-mediated FOXG1 gene editing in human Rett primary cells. European Journal of Human Genetics, 2020, 28, 1446-1458.	1.4	12
12	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
13	An efficient method to enrich for knock-out and knock-in cellular clones using the CRISPR/Cas9 system. Cellular and Molecular Life Sciences, 2017, 74, 3413-3423.	2.4	12
14	Harnessing mutation: The best of two worlds. Science, 2016, 353, 1206-1207.	6.0	1
15	Splice Variants of Activation Induced Deaminase (AID) Do Not Affect the Efficiency of Class Switch Recombination in Murine CH12F3 Cells. PLoS ONE, 2015, 10, e0121719.	1.1	1
16	Flow-cytometric visualization of C>U mRNA editing reveals the dynamics of the process in live cells. RNA Biology, 2015, 12, 389-397.	1.5	18
17	The RNA editing enzyme APOBEC1 induces somatic mutations and a compatible mutational signature is present in esophageal adenocarcinomas. Genome Biology, 2014, 15, 417.	3.8	85
18	Optimal functional levels of activation-induced deaminase specifically require the Hsp40 DnaJa1. EMBO Journal, 2012, 31, 679-691.	3.5	35

#	Article	IF	Citations
19	Creative deaminases, selfâ€inflicted damage, and genome evolution. Annals of the New York Academy of Sciences, 2012, 1267, 79-85.	1.8	29
20	Analysis of Reptilian APOBEC1 Suggests that RNA Editing May Not Be Its Ancestral Function. Molecular Biology and Evolution, 2011, 28, 1125-1129.	3.5	46
21	Guidelines for Naming Nonprimate APOBEC3 Genes and Proteins. Journal of Virology, 2009, 83, 494-497.	1.5	217
22	The AID/APOBEC family of nucleic acid mutators. Genome Biology, 2008, 9, 229.	13.9	458
23	Interaction between Antibody-Diversification Enzyme AID and Spliceosome-Associated Factor CTNNBL1. Molecular Cell, 2008, 31, 474-484.	4.5	127
24	DNA Deamination in Immunity: AID in the Context of Its APOBEC Relatives. Advances in Immunology, 2007, 94, 37-73.	1.1	152
25	Insights into DNA deaminases. Nature Structural and Molecular Biology, 2007, 14, 7-9.	3.6	32
26	Evolution of the AID/APOBEC Family of Polynucleotide (Deoxy)cytidine Deaminases. Molecular Biology and Evolution, 2005, 22, 367-377.	3.5	432
27	Mutational comparison of the single-domained APOBEC3C and double-domained APOBEC3F/G anti-retroviral cytidine deaminases provides insight into their DNA target site specificities. Nucleic Acids Research, 2005, 33, 1913-1923.	6.5	162
28	The Vif Protein of HIV Triggers Degradation of the Human Antiretroviral DNA Deaminase APOBEC3G. Current Biology, 2003, 13, 2009-2013.	1.8	427
29	The Prodomain of a Secreted Hydrophobic Mini-protein Facilitates Its Export from the Endoplasmic Reticulum by Hitchhiking on Sorting Receptors. Journal of Biological Chemistry, 2003, 278, 26311-26314.	1.6	33
30	The p75 Neurotrophin Receptor Interacts with Multiple MAGE Proteins. Journal of Biological Chemistry, 2002, 277, 49101-49104.	1.6	84
31	Evolving better brains: a need for neurotrophins?. Trends in Neurosciences, 2001, 24, 79-85.	4.2	62
32	Mechanisms for Evolving Hypervariability: The Case of Conopeptides. Molecular Biology and Evolution, 2001, 18, 120-131.	3.5	210
33	Position-specific codon conservation in hypervariable gene families. Trends in Genetics, 2000, 16, 57-59.	2.9	49
34	GFAPbeta mRNA expression in the normal rat brain and after neuronal injury. Neurochemical Research, 1999, 24, 709-714.	1.6	19
35	Structural features of the rat GFAP gene and identification of a novel alternative transcript. Journal of Neuroscience Research, 1999, 56, 219-228.	1.3	59
36	A Neural-Specific Hypomethylated Domain in the 5' Flanking Region of the Glial Fibrillary Acidic Protein Gene. Developmental Neuroscience, 1997, 19, 446-456.	1.0	18

#	Article	IF	Citations
37	Tissue-specific DNA methylation patterns of the rat glial fibrillary acidic protein gene. Journal of Neuroscience Research, 1994, 39, 694-707.	1.3	34