Anthony V Furano

List of Publications by Year
in descending order

26 papers	1,476 citations	471509 17 h-index	677142 22 g-index
29 all docs	29 docs citations	29 times ranked	1497 citing authors

#	Article	IF	Citations
1	Perturbation of base excision repair sensitizes breast cancer cells to APOBEC3 deaminase-mediated mutations. ELife, 2020, 9, .	6.0	13
2	Cryptic genetic variation enhances primate L1 retrotransposon survival by enlarging the functional coiled coil sequence space of ORF1p. PLoS Genetics, 2020, 16, e1008991.	3.5	6
3	Title is missing!. , 2020, 16, e1008991.		0
4	Title is missing!. , 2020, 16, e1008991.		0
5	Title is missing!. , 2020, 16, e1008991.		0
6	Title is missing!. , 2020, 16, e1008991.		0
7	Protein-nucleic acid interactions of LINE-1 ORF1p. Seminars in Cell and Developmental Biology, 2019, 86, 140-149.	5.0	21
8	L1 retrotransposition requires rapid ORF1p oligomerization, a novel coiled coil-dependent property conserved despite extensive remodeling. Nucleic Acids Research, 2016, 44, 281-293.	14.5	33
9	The challenge of ORF1p phosphorylation: Effects on L1 activity and its host. Mobile Genetic Elements, 2016, 6, e1119927.	1.8	9
10	Breaking bad: The mutagenic effect of DNA repair. DNA Repair, 2015, 32, 43-51.	2.8	19
11	Phosphorylation of ORF1p is required for L1 retrotransposition. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 4298-4303.	7.1	60
12	Repair of naturally occurring mismatches can induce mutations in flanking DNA. ELife, 2014, 3, e02001.	6.0	80
13	Polymerization and nucleic acid-binding properties of human L1 ORF1 protein. Nucleic Acids Research, 2012, 40, 813-827.	14.5	52
14	The mutational spectrum of non-CpG DNA varies with CpG content. Genome Research, 2010, 20, 875-882.	5.5	60
15	CpG dinucleotides and the mutation rate of non-CpG DNA. Genome Research, 2008, 18, 1403-1414.	5.5	58
16	Fitness cost of LINE-1 (L1) activity in humans. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 9590-9594.	7.1	124
17	The Insertional History of an Active Family of L1 Retrotransposons in Humans. Genome Research, 2004, 14, 1221-1231.	5.5	100
18	Selection Against Deleterious LINE-1-Containing Loci in the Human Lineage. Molecular Biology and Evolution, 2001, 18, 926-935.	8.9	169

#	Article	IF	Citations
19	Adaptive Evolution in LINE-1 Retrotransposons. Molecular Biology and Evolution, 2001, 18, 2186-2194.	8.9	100
20	L1 (LINE-1) Retrotransposon Evolution and Amplification in Recent Human History. Molecular Biology and Evolution, 2000, 17, 915-928.	8.9	285
21	The biological properties and evolutionary dynamics of mammalian LINE-1 retrotransposons. Progress in Molecular Biology and Translational Science, 2000, 64, 255-294.	1.9	167
22	Rapid evolution of a young L1 (LINE-1) clade in recently speciated rattus taxa. Journal of Molecular Evolution, 1997, 45, 412-423.	1.8	34
23	Determination of the evolutionary relationships in Rattus sensu lato (Rodentia : Muridae) using L1 (LINE-1) amplification events. Journal of Molecular Evolution, 1997, 45, 424-436.	1.8	36
24	Demethylation and specific remethylation of the promoter-like region of the L family of mammalian transposable elements. Cell Biophysics, 1989, 15, 61-66.	0.4	3
25	The Conservation of DNA Sequences over Very Long Periods of Evolutionary Time. Evidence against Intergeneric Chromosomal Transfer as an Explanation for the Presence of Escherichia coli tuf Gene Sequences in Taxonomically-Unrelated Prokaryotes. FEBS Journal, 1981, 120, 69-77.	0.2	29
26	The Subcellular Distribution and State of the Elongation Factor Tu in Extracts of Escherichia coli B. FEBS Journal, 1976, 64, 597-606.	0.2	18