

Astrid M Roy-Engel

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,918
citations

331670

21
h-index

377865

34
g-index

38
all docs

38
docs citations

38
times ranked

2269
citing authors

#	ARTICLE	IF	CITATIONS
1	Reviving a 60 million year old LINE-1 element. <i>Gene Reports</i> , 2018, 11, 74-78.	0.8	1
2	The role of Alu-derived RNAs in Alzheimer's™s and other neurodegenerative conditions. <i>Medical Hypotheses</i> , 2018, 115, 29-34.	1.5	15
3	Evaluating different DNA binding domains to modulate L1 ORF2p-driven site-specific retrotransposition events in human cells. <i>Gene</i> , 2018, 642, 188-198.	2.2	2
4	The Nucleotide Excision Repair Pathway Limits L1 Retrotransposition. <i>Genetics</i> , 2017, 205, 139-153.	2.9	31
5	Carcinogenic effects of oil dispersants: A KEGG pathway-based RNA-seq study of human airway epithelial cells. <i>Gene</i> , 2017, 602, 16-23.	2.2	11
6	Environment, Cellular Signaling, and L1 Activity. , 2017, , 157-194.		1
7	Heavy metal and junk DNA. <i>Mobile Genetic Elements</i> , 2016, 6, e1234428.	1.8	0
8	Effects of corexit oil dispersants and the WAF of dispersed oil on DNA damage and repair in cultured human bronchial airway cells, BEAS-2B. <i>Gene Reports</i> , 2016, 3, 22-30.	0.8	7
9	The impact of oil spill to lung health™Insights from an RNA-seq study of human airway epithelial cells. <i>Gene</i> , 2016, 578, 38-51.	2.2	16
10	SINE Retrotransposition: Evaluation of Alu Activity and Recovery of De Novo Inserts. <i>Methods in Molecular Biology</i> , 2016, 1400, 183-201.	0.9	7
11	Heavy Metal Exposure Influences Double Strand Break DNA Repair Outcomes. <i>PLoS ONE</i> , 2016, 11, e0151367.	2.5	107
12	Altering Genomic Integrity: Heavy Metal Exposure Promotes Transposable Element-Mediated Damage. <i>Biological Trace Element Research</i> , 2015, 166, 24-33.	3.5	18
13	Alu elements: an intrinsic source of human genome instability. <i>Current Opinion in Virology</i> , 2013, 3, 639-645.	5.4	95
14	Molecular Reconstruction of Extinct LINE-1 Elements and Their Interaction with Nonautonomous Elements. <i>Molecular Biology and Evolution</i> , 2013, 30, 88-99.	8.9	21
15	Effects of Corexit Dispersants on Cytotoxicity Parameters in a Cultured Human Bronchial Airway Cells, BEAS-2B. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2013, 76, 827-835.	2.3	23
16	Rescuing Alu: Recovery of New Inserts Shows LINE-1 Preserves Alu Activity through A-Tail Expansion. <i>PLoS Genetics</i> , 2012, 8, e1002842.	3.5	33
17	A tale of an A-tail. <i>Mobile Genetic Elements</i> , 2012, 2, 282-286.	1.8	16
18	Alu expression in human cell lines and their retrotranspositional potential. <i>Mobile DNA</i> , 2012, 3, 11.	3.6	21

#	ARTICLE	IF	CITATIONS
19	LINEs, SINEs and other retroelements: do birds of a feather flock together?. <i>Frontiers in Bioscience - Landmark</i> , 2012, 17, 1345.	3.0	40
20	Evolutionary Conservation of the Functional Modularity of Primate and Murine LINE-1 Elements. <i>PLoS ONE</i> , 2011, 6, e19672.	2.5	35
21	All you™all need to know about retroelements in cancer. <i>Seminars in Cancer Biology</i> , 2010, 20, 200-210.	9.6	166
22	Somatic expression of LINE-1 elements in human tissues. <i>Nucleic Acids Research</i> , 2010, 38, 3909-3922.	14.5	206
23	The RNA Polymerase Dictates ORF1 Requirement and Timing of LINE and SINE Retrotransposition. <i>PLoS Genetics</i> , 2009, 5, e1000458.	3.5	65
24	Diverse cis factors controlling Alu retrotransposition: What causes Alu elements to die?. <i>Genome Research</i> , 2009, 19, 545-555.	5.5	70
25	LINE dancing in the human genome: transposable elements and disease. <i>Genome Medicine</i> , 2009, 1, 97.	8.2	118
26	ERCC1/XPF limits L1 retrotransposition. <i>DNA Repair</i> , 2008, 7, 983-989.	2.8	90
27	LINE-1 ORF1 protein enhances Alu SINE retrotransposition. <i>Gene</i> , 2008, 419, 1-6.	2.2	84
28	The L1 Retrotranspositional Stimulation by Particulate and Soluble Cadmium Exposure is Independent of the Generation of DNA Breaks. <i>International Journal of Environmental Research and Public Health</i> , 2006, 3, 121-128.	2.6	16
29	Heavy Metals Stimulate Human LINE-1 Retrotransposition. <i>International Journal of Environmental Research and Public Health</i> , 2005, 2, 14-23.	2.6	53
30	Nickel Stimulates L1 Retrotransposition by a Post-transcriptional Mechanism. <i>Journal of Molecular Biology</i> , 2005, 354, 246-257.	4.2	59
31	Potential for Retroposition by Old Alu Subfamilies. <i>Journal of Molecular Evolution</i> , 2003, 56, 658-664.	1.8	22
32	Active Alu Element A-Tails Size Does Matter. <i>Genome Research</i> , 2002, 12, 1333-1344.	5.5	127
33	Shared Protein Components of SINE RNPs. <i>Journal of Molecular Biology</i> , 2002, 321, 423-432.	4.2	61
34	Large-scale analysis of the Alu Ya5 and Yb8 subfamilies and their contribution to human genomic diversity. <i>Journal of Molecular Biology</i> , 2001, 311, 17-40.	4.2	152
35	Alu Insertion Polymorphisms for the Study of Human Genomic Diversity. <i>Genetics</i> , 2001, 159, 279-290.	2.9	127