Armando Aranda-Anzaldo

List of Publications by Year
in descending order

46 papers	565 citations	567281 15 h-index	713466 21 g-index
46 all docs	46 docs citations	46 times ranked	406 citing authors

#	Article	IF	Citations
1	Is cancer a disease set up by cellular stress responses?. Cell Stress and Chaperones, 2021, 26, 597-609.	2.9	2
2	The epicenter of chromosomal fragility of Fra14A2, the mouse ortholog of human FRA3B common fragile site, is largely attached to the nuclear matrix in lymphocytes but not in other cell types that do not express such a fragility. Journal of Cellular Biochemistry, 2020, 121, 2209-2224.	2.6	4
3	Precision Oncology vs Phenotypic Approaches in the Management of Cancer: A Case for the Postmitotic State. Human Perspectives in Health Sciences and Technology, 2020, , 169-201.	0.4	0
4	Lessons we can learn from neurons to make cancer cells quiescent. Journal of Neuroscience Research, 2019, 97, 1141-1152.	2.9	2
5	Landscaping the epigenetic landscape of cancer. Progress in Biophysics and Molecular Biology, 2018, 140, 155-174.	2.9	13
6	DNA Length Modulates the Affinity of Fragments of Genomic DNA for the Nuclear Matrix In Vitro. Journal of Cellular Biochemistry, 2017, 118, 4487-4497.	2.6	3
7	The Set of Structural DNA-Nuclear Matrix Interactions in Neurons Is Cell-Type Specific and Rather Independent of Functional Constraints. Journal of Cellular Biochemistry, 2017, 118, 2151-2160.	2.6	3
8	The nuclear higher-order structure defined by the set of topological relationships between DNA and the nuclear matrix is species-specific in hepatocytes. Gene, 2017, 597, 40-48.	2.2	4
9	Why Cortical Neurons Cannot Divide, and Why Do They Usually Die in the Attempt?. Journal of Neuroscience Research, 2017, 95, 921-929.	2.9	19
10	The interphase mammalian chromosome as a structural system based on tensegrity. Journal of Theoretical Biology, 2016, 393, 51-59.	1.7	10
11	The higher-order structure in the cells nucleus as the structural basis of the post-mitotic state. Progress in Biophysics and Molecular Biology, 2014, 114, 137-145.	2.9	9
12	The post-mitotic state in neurons correlates with a stable nuclear higher-order structure. Communicative and Integrative Biology, 2012, 5, 134-139.	1.4	20
13	The organization of a large transcriptional unit (Fyn) into structural DNA loops is cell-type specific and independent of transcription. Gene, 2012, 493, 1-8.	2.2	7
14	Reorganization of the DNAâ€"nuclear matrix interactions in a 210â€‰kb genomic region centered on <i>câ€myc</i> after DNA replication in vivo. Journal of Cellular Biochemistry, 2012, 113, 2451-2463.	2.6	2
15	Continued Stabilization of the Nuclear Higher-Order Structure of Post-Mitotic Neurons In Vivo. PLoS ONE, 2011, 6, e21360.	2.5	10
16	DNA moves sequentially towards the nuclear matrix during DNA replication in vivo. BMC Cell Biology, 2011, 12, 3.	3.0	24
17	Cellâ€typeâ€specific organization of nuclear DNA into structural looped domains. Journal of Cellular Biochemistry, 2011, 112, 531-540.	2.6	13
18	Aged and post-mitotic cells share a very stable higher-order structure in the cell nucleus inÂvivo. Biogerontology, 2010, 11, 703-716.	3.9	10

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19	NeuN/Foxâ€3 is an intrinsic component of the neuronal nuclear matrix. FEBS Letters, 2010, 584, 2767-2771.	2.8	60
20	Determination of the in vivo structural DNA loop organization in the genomic region of the rat albumin locus by means of a topological approach. DNA Research, 2010, 17, 23-35.	3.4	15
21	A structural basis for cellular senescence. Aging, 2009, 1, 598-607.	3.1	16
22	Reassessing the role of p53 in cancer and ageing from an evolutionary perspective. Mechanisms of Ageing and Development, 2007, 128, 293-302.	4.6	28
23	Natural ageing in the rat liver correlates with progressive stabilisation of DNAâ€“nuclear matrix interactions and withdrawal of genes from the nuclear substructure. Mechanisms of Ageing and Development, 2005, 126, 767-782.	4.6	23
24	A global but stable change in HeLa cell morphology induces reorganization of DNA structural loop domains within the cell nucleus. Journal of Cellular Biochemistry, 2005, 96, 79-88.	2.6	17
25	Gene positional changes relative to the nuclear substructure during carbon tetrachloride-induced hepatic fibrosis in rats. Journal of Cellular Biochemistry, 2004, 93, 1084-1098.	2.6	15
26	Developmental noise, ageing and cancer. Mechanisms of Ageing and Development, 2003, 124, 711-720.	4.6	16
27	Positional mapping of specific DNA sequences relative to the nuclear substructure by direct polymerase chain reaction on nuclear matrix-bound templates. Analytical Biochemistry, 2003, 313, 196-207.	2.4	21
28	Gene positional changes relative to the nuclear substructure correlate with the proliferating status of hepatocytes during liver regeneration. Nucleic Acids Research, 2003, 31, 6168-6179.	14.5	23
29	Understanding cancer as a formless phenomenon. Medical Hypotheses, 2002, 59, 68-75.	1.5	9
30	Cancer development and progression: a non-adaptive process driven by genetic drift. , 2001, 49, 89-108.		16
31	p53 is a rate-limiting factor in the repair of higher-order DNA structure. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1999, 1446, 181-192.	2.4	17
32	The normal association between newly replicated DNA and the nuclear matrix is abolished in cells infected by herpes simplex virus type 1. Research in Virology, 1998, 149, 195-208.	0.7	15
33	Loss of dna loop supercoiling and organization in cells infected by herpes simplex virus type 1. Research in Virology, 1997, 148, 397-408.	0.7	18
34	A role for the nucleotype in the pathogenesis of primary hepatocellular carcinoma. Medical Hypotheses, 1993, 40, 207-210.	1.5	1
35	In vitro reduction of HIV infectivity by dimethylsulphoxide. Aids, 1992, 6, 1402.	2.2	1
36	HHV-6 inhibition by two polar compounds. Antiviral Research, 1992, 18, 27-38.	4.1	3

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37	Possible cell-free prion replication. Medical Hypotheses, 1992, 38, 249-251.	1.5	6
38	Chemical inactivation of human immunodeficiency virus in vitro. Journal of Virological Methods, 1992, 37, 71-81.	2.1	23
39	Human immunodeficiency virus type 1 productive infection in staurosporine-blocked quiescent cells. FEBS Letters, 1992, 308, 170-174.	2.8	3
40	Altered chromatin higher-order structure in cells infected by herpes simplex virus type 1. Archives of Virology, 1992, 124, 245-253.	2.1	13
41	Early induction of DNA single-stranded breaks in cells infected by herpes simplex virus type 1. Archives of Virology, 1992, 122, 317-330.	2.1	19
42	On the regulation of DNA methylation by higher-order structure in the cell nucleus. Medical Hypotheses, 1991, 34, 81-87.	1.5	2
43	A role for CD8+ T lymphocytes in the pathogenesis of AIDS. Research in Immunology, 1991, 142, 541-550.	0.9	12
44	Dimethyl Sulfoxide Inhibits Human Immunodeficiency Virus Production in vitro. Intervirology, 1991, 32, 59-64.	2.8	8
45	Is immune oversuppression the direct cause of AIDS?. Medical Hypotheses, 1990, 33, 129-135.	1.5	3
46	Respiratory systems of the Bacillus cereus mother cell and forespore. Journal of Bacteriology, 1986, 167, 544-550.	2.2	7