

Vincenzo Ciminale

List of Publications by Year in descending order

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93
papers

3,295
citations

117625

34
h-index

168389

53
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97
all docs

97
docs citations

97
times ranked

4015
citing authors

#	ARTICLE	IF	CITATIONS
1	Cancer stem cells from epithelial ovarian cancer patients privilege oxidative phosphorylation, and resist glucose deprivation. <i>Oncotarget</i> , 2014, 5, 4305-4319.	1.8	249
2	Free Major Histocompatibility Complex Class I Heavy Chain Is Preferentially Targeted for Degradation by Human T-Cell Leukemia/Lymphotropic Virus Type 1 p12 I Protein. <i>Journal of Virology</i> , 2001, 75, 6086-6094.	3.4	118
3	Small Noncoding RNAs in Cells Transformed by Human T-Cell Leukemia Virus Type 1: a Role for a tRNA Fragment as a Primer for Reverse Transcriptase. <i>Journal of Virology</i> , 2014, 88, 3612-3622.	3.4	116
4	Reducing the global burden of HTLV-1 infection: An agenda for research and action. <i>Antiviral Research</i> , 2017, 137, 41-48.	4.1	116
5	Kinetics and intracellular compartmentalization of HTLV-1 gene expression: nuclear retention of HBZ mRNAs. <i>Blood</i> , 2011, 117, 4855-4859.	1.4	112
6	Oncogenic pathways and the electron transport chain: a dangerROS liaison. <i>British Journal of Cancer</i> , 2020, 122, 168-181.	6.4	99
7	Human T-cell leukemia/lymphoma virus type 1 nonstructural genes and their functions. <i>Oncogene</i> , 2005, 24, 6026-6034.	5.9	97
8	Mitochondrial targeting of the p13II protein coded by the x-II ORF of human T-cell leukemia/lymphotropic virus type I (HTLV-I). <i>Oncogene</i> , 1999, 18, 4505-4514.	5.9	92
9	Amiodarone Alters Late Endosomes and Inhibits SARS Coronavirus Infection at a Post-Endosomal Level. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 39, 142-149.	2.9	91
10	A Bioassay for HIV-1 Based on Env-CD4 Interaction. <i>AIDS Research and Human Retroviruses</i> , 1990, 6, 1281-1287.	1.1	88
11	Escaping Death: Mitochondrial Redox Homeostasis in Cancer Cells. <i>Frontiers in Oncology</i> , 2017, 7, 117.	2.8	83
12	Expression and Characterization of Proteins Produced by mRNAs Spliced into the X Region of the Human T-Cell Leukemia/Lymphotropic Virus Type II. <i>Virology</i> , 1995, 209, 445-456.	2.4	72
13	The Human T-Lymphotropic Virus Type 1 Tax Protein Inhibits Nonsense-Mediated mRNA Decay by Interacting with INT6/EIF3E and UPF1. <i>Journal of Virology</i> , 2012, 86, 7530-7543.	3.4	72
14	Suppression of tumor growth and cell proliferation by p13II, a mitochondrial protein of human T cell leukemia virus type 1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 6629-6634.	7.1	70
15	Mitochondrial Alterations Induced by the p13II Protein of Human T-cell Leukemia Virus Type 1. <i>Journal of Biological Chemistry</i> , 2002, 277, 34424-34433.	3.4	65
16	The miR-200 Family of microRNAs: Fine Tuners of Epithelial-Mesenchymal Transition and Circulating Cancer Biomarkers. <i>Cancers</i> , 2021, 13, 5874.	3.7	61
17	Oncoviral Bovine Leukemia Virus G4 and Human T-Cell Leukemia Virus Type 1 p13 ^{II} Accessory Proteins Interact with Farnesyl Pyrophosphate Synthetase. <i>Journal of Virology</i> , 2002, 76, 1400-1414.	3.4	59
18	Mitochondria as Functional Targets of Proteins Coded by Human Tumor Viruses. <i>Advances in Cancer Research</i> , 2005, 94, 87-142.	5.0	54

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19	Highlights on distinctive structural and functional properties of HTLV Tax proteins. <i>Frontiers in Microbiology</i> , 2013, 4, 271.	3.5	54
20	HTLV-1 and HTLV-2: highly similar viruses with distinct oncogenic properties. <i>Frontiers in Microbiology</i> , 2014, 5, 398.	3.5	53
21	The <i>COQ2</i> genotype predicts the severity of coenzyme Q ₁₀ deficiency. <i>Human Molecular Genetics</i> , 2016, 25, 4256-4265.	2.9	53
22	Human T-Lymphotropic Virus Type 1 Mitochondrion-Localizing Protein p13 II Is Required for Viral Infectivity In Vivo. <i>Journal of Virology</i> , 2006, 80, 3469-3476.	3.4	51
23	Phosphorylation of HIV-1 Rev Protein: Implication of Protein Kinase CK2 and Pro-Directed Kinases. <i>Biochemical and Biophysical Research Communications</i> , 1996, 226, 547-554.	2.1	48
24	Redox regulation of T-cell turnover by the p13 protein of human T-cell leukemia virus type 1: distinct effects in primary versus transformed cells. <i>Blood</i> , 2010, 116, 54-62.	1.4	48
25	Unique features of HIV-1 Rev protein phosphorylation by protein kinase CK2 (c~casein kinase-2~™). <i>FEBS Letters</i> , 2000, 481, 63-67.	2.8	47
26	Intracellular Trafficking of the Human Immunodeficiency Virus Type 1 Rev Protein: Involvement of Continued rRNA Synthesis in Nuclear Retention. <i>AIDS Research and Human Retroviruses</i> , 1995, 11, 1063-1071.	1.1	46
27	A circulating miRNA assay as a first-line test for prostate cancer screening. <i>British Journal of Cancer</i> , 2016, 114, 1362-1366.	6.4	44
28	Modulation of mitochondrial K ⁺ permeability and reactive oxygen species production by the p13 protein of human T-cell leukemia virus type 1. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2009, 1787, 947-954.	1.0	43
29	The human T-cell leukemia virus type 1 p13II protein: effects on mitochondrial function and cell growth. <i>Cell Death and Differentiation</i> , 2005, 12, 905-915.	11.2	42
30	Human T-Lymphotropic Virus Type 1 Mitochondrion-Localizing Protein p13 II Sensitizes Jurkat T Cells to Ras-Mediated Apoptosis. <i>Journal of Virology</i> , 2005, 79, 9449-9457.	3.4	42
31	Nanoparticles as Tools to Target Redox Homeostasis in Cancer Cells. <i>Antioxidants</i> , 2020, 9, 211.	5.1	42
32	Screening transplant donors for HTLV-1 and -2. <i>Blood</i> , 2016, 128, 3029-3031.	1.4	41
33	Hypoxia Inducible Factor-1~ Inactivation Unveils a Link between Tumor Cell Metabolism and Hypoxia-Induced Cell Death. <i>American Journal of Pathology</i> , 2008, 173, 1186-1201.	3.8	39
34	CTL Response and Protection Against P815 Tumor Challenge in Mice Immunized with DNA Expressing the Tumor-Specific Antigen P815A. <i>Human Gene Therapy</i> , 1997, 8, 1451-1458.	2.7	38
35	Role of microRNAs in HTLV-1 infection and transformation. <i>Molecular Aspects of Medicine</i> , 2010, 31, 367-382.	6.4	37
36	Common Mechanism for RNA Encapsidation by Negative-Strand RNA Viruses. <i>Journal of Virology</i> , 2014, 88, 3766-3775.	3.4	37

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37	HTLV-1 p13, a small protein with a busy agenda. <i>Molecular Aspects of Medicine</i> , 2010, 31, 350-358.	6.4	35
38	Differential expression of menin in sporadic pituitary adenomas.. <i>Endocrine-Related Cancer</i> , 2004, 11, 333-344.	3.1	34
39	The MHC Class I Heavy Chain Is a Common Target of the Small Proteins Encoded by the 3' End of HTLV Type 1 and HTLV Type 2. <i>AIDS Research and Human Retroviruses</i> , 2000, 16, 1777-1781.	1.1	31
40	Control of cell death pathways by HTLV-1 proteins. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 3338.	3.0	30
41	The p13 protein of human T cell leukemia virus type 1 (HTLV-1) modulates mitochondrial membrane potential and calcium uptake. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 945-951.	1.0	27
42	Histone deacetylase 6 controls Notch3 trafficking and degradation in T-cell acute lymphoblastic leukemia cells. <i>Oncogene</i> , 2018, 37, 3839-3851.	5.9	26
43	Study of Some Early Immunological Parameters in Aging Humans. <i>Gerontology</i> , 1988, 34, 277-283.	2.8	24
44	The p13II Protein of HTLV Type 1: Comparison with Mitochondrial Proteins Coded by Other Human Viruses. <i>AIDS Research and Human Retroviruses</i> , 2000, 16, 1765-1770.	1.1	23
45	Selective killing of human T-ALL cells: an integrated approach targeting redox homeostasis and the OMA1/OPA1 axis. <i>Cell Death and Disease</i> , 2018, 9, 822.	6.3	23
46	Subcellular Localization of the Bovine Leukemia Virus R3 and G4 Accessory Proteins. <i>Journal of Virology</i> , 2002, 76, 7843-7854.	3.4	22
47	Metabolic rewiring and redox alterations in malignant pleural mesothelioma. <i>British Journal of Cancer</i> , 2020, 122, 52-61.	6.4	22
48	Effects of human T-cell leukemia virus type 1 (HTLV-1) p13 on mitochondrial K ⁺ permeability: A new member of the viroporin family?. <i>FEBS Letters</i> , 2010, 584, 2070-2075.	2.8	21
49	Converging Strategies in Expression of Human Complex Retroviruses. <i>Viruses</i> , 2011, 3, 1395-1414.	3.3	20
50	Liquid Biopsy in Malignant Pleural Mesothelioma: State of the Art, Pitfalls, and Perspectives. <i>Frontiers in Oncology</i> , 2019, 9, 740.	2.8	20
51	NF- κ B and MicroRNA Deregulation Mediated by HTLV-1 Tax and HBZ. <i>Pathogens</i> , 2019, 8, 290.	2.8	20
52	MDM2 and HIF1 α expression levels in different histologic subtypes of malignant pleural mesothelioma: correlation with pathological and clinical data. <i>Oncotarget</i> , 2015, 6, 42053-42066.	1.8	20
53	In Situ Analysis of Human Menin in Normal and Neoplastic Pancreatic Tissues: Evidence for Differential Expression in Exocrine and Endocrine Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 3893-3901.	3.6	19
54	Relevance of CREB phosphorylation in the anti-apoptotic function of human T-lymphotropic virus type 1 tax protein in serum-deprived murine fibroblasts. <i>Experimental Cell Research</i> , 2004, 299, 57-67.	2.6	19

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55	Fine tuning of the temporal expression of HTLV-1 and HTLV-2. <i>Frontiers in Microbiology</i> , 2013, 4, 235.	3.5	19
56	Unusual CD4+CD8+ phenotype in a Greek patient diagnosed with adult T-cell leukemia positive for human T-cell leukemia virus type I (HTLV-I). <i>Leukemia Research</i> , 2000, 24, 353-358.	0.8	17
57	Oncolytic Activity of Avian Influenza Virus in Human Pancreatic Ductal Adenocarcinoma Cell Lines. <i>Journal of Virology</i> , 2014, 88, 9321-9334.	3.4	17
58	Decreased expression and promoter methylation of the menin tumor suppressor in pancreatic ductal adenocarcinoma. <i>Genes Chromosomes and Cancer</i> , 2009, 48, 383-396.	2.8	16
59	Comparison of the Genetic Organization, Expression Strategies and Oncogenic Potential of HTLV-1 and HTLV-2. <i>Leukemia Research and Treatment</i> , 2012, 2012, 1-14.	2.0	14
60	Expression of miR-34a in T-Cells Infected by Human T-Lymphotropic Virus 1. <i>Frontiers in Microbiology</i> , 2018, 9, 832.	3.5	14
61	TRAF3 Is Required for NF- κ B Pathway Activation Mediated by HTLV Tax Proteins. <i>Frontiers in Microbiology</i> , 2019, 10, 1302.	3.5	14
62	mTOR inhibition downregulates glucose-6-phosphate dehydrogenase and induces ROS-dependent death in T-cell acute lymphoblastic leukemia cells. <i>Redox Biology</i> , 2022, 51, 102268.	9.0	14
63	Influence of Rex and Intronic Sequences on Expression of Spliced mRNAs Produced by Human T Cell Leukemia Virus Type I. <i>AIDS Research and Human Retroviruses</i> , 1999, 15, 1351-1363.	1.1	13
64	Expression and functional properties of proteins encoded in the x-II ORF of HTLV-I. <i>Virus Research</i> , 2001, 78, 35-43.	2.2	13
65	Expression of Alternatively Spliced Human T-Cell Leukemia Virus Type 1 mRNAs Is Influenced by Mitosis and by a Novel cis-Acting Regulatory Sequence. <i>Journal of Virology</i> , 2016, 90, 1486-1498.	3.4	12
66	Synergistic targeting of malignant pleural mesothelioma cells by MDM2 inhibitors and TRAIL agonists. <i>Oncotarget</i> , 2017, 8, 44232-44241.	1.8	12
67	Temporal regulation of HTLV-2 expression in infected cell lines and patients: evidence for distinct expression kinetics with nuclear accumulation of APH-2 mRNA. <i>Retrovirology</i> , 2012, 9, 74.	2.0	11
68	Mitochondrial Proteins Coded by Human Tumor Viruses. <i>Frontiers in Microbiology</i> , 2018, 9, 81.	3.5	11
69	Identification of a Domain in Human Immunodeficiency Virus Type 1 Rev That Is Required for Functional Activity and Modulates Association with Subnuclear Compartments Containing Splicing Factor SC35. <i>Journal of Virology</i> , 2000, 74, 11899-11910.	3.4	10
70	Involvement of NADPH Oxidase 1 in Liver Kinase B1-Mediated Effects on Tumor Angiogenesis and Growth. <i>Frontiers in Oncology</i> , 2018, 8, 195.	2.8	10
71	Synergistic Antitumor Activity of Recombinant Human Apo2L/Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand (TRAIL) in Combination with Carboplatin and Pemetrexed in Malignant Pleural Mesothelioma. <i>Journal of Thoracic Oncology</i> , 2014, 9, 1008-1017.	1.1	9
72	Post-transcriptional Regulation of HTLV Gene Expression: Rex to the Rescue. <i>Frontiers in Microbiology</i> , 2019, 10, 1958.	3.5	9

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73	Coding Potential of the X Region of Human T-Cell Leukemia/Lymphotropic Virus Type II. <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1996, 13, S220-S227.	0.3	9
74	An engineered avian-origin influenza A virus for pancreatic ductal adenocarcinoma virotherapy. <i>Journal of General Virology</i> , 2016, 97, 2166-2179.	2.9	9
75	Prognostic Stratification of Bladder Cancer Patients with a MicroRNA-Based Approach. <i>Cancers</i> , 2020, 12, 3133.	3.7	8
76	Human Monoclonal Antibody Against a gag-Coded Protein of Human Immunodeficiency Virus Produced by a Stable EBV-Transformed Cell Clone. <i>AIDS Research and Human Retroviruses</i> , 1989, 5, 73-78.	1.1	7
77	The MicroRNA Regulatory Network in Normal- and HTLV-1-Transformed T Cells. <i>Advances in Cancer Research</i> , 2012, 113, 45-83.	5.0	6
78	Editorial: Molecular Pathology of HTLV-1. <i>Frontiers in Microbiology</i> , 2018, 9, 3069.	3.5	6
79	Prognostic Stratification of Metastatic Prostate Cancer Patients Treated With Abiraterone and Enzalutamide Through an Integrated Analysis of Circulating Free microRNAs and Clinical Parameters. <i>Frontiers in Oncology</i> , 2021, 11, 626104.	2.8	6
80	Sensitivity Analysis of Retrovirus HTLV-1 Transactivation. <i>Journal of Computational Biology</i> , 2011, 18, 183-193.	1.6	5
81	Identification of novel monocistronic HTLV-1 mRNAs encoding functional Rex isoforms. <i>Retrovirology</i> , 2015, 12, 58.	2.0	5
82	Functional properties and sequence variation of HTLV-1 p13. <i>Retrovirology</i> , 2020, 17, 11.	2.0	5
83	Quantitative Analysis of Human T-Lymphotropic Virus Type 1 (HTLV-1) Gene Expression Using Nucleo-Cytoplasmic Fractionation and Splice Junction-Specific Real-Time RT-PCR (qRT-PCR). <i>Methods in Molecular Biology</i> , 2014, 1087, 325-337.	0.9	5
84	Retrovirus HTLV-1 gene circuit: a potential oscillator for eukaryotes. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2010, , 421-32.	0.7	5
85	Bioassays for the Detection of HIV-1 and Practical Applications. <i>Monographs in Virology</i> , 1990, 18, 91-104.	0.6	4
86	STR Profiling of HTLV-1-Infected Cell Lines. <i>Methods in Molecular Biology</i> , 2017, 1582, 143-154.	0.9	4
87	The HTLV-1 Tax protein inhibits nonsense-mediated mRNA decay by interacting with INT6/EIF3E and UPF1. <i>Retrovirology</i> , 2011, 8, .	2.0	1
88	Control of ROS production and T-cell turnover by HTLV-p13. <i>Retrovirology</i> , 2011, 8, .	2.0	1
89	Analysis of temporal expression of HTLV-2 reveals similarities and functional differences from HTLV-1. <i>Retrovirology</i> , 2011, 8, .	2.0	1
90	Kinetics and intracellular compartmentalization of HTLV-1 gene expression. <i>Retrovirology</i> , 2011, 8, A204.	2.0	1

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91	Expression of HTLV-1 Genes in T-Cells Using RNA Electroporation. <i>Methods in Molecular Biology</i> , 2017, 1582, 155-170.	0.9	1
92	Expression of alternatively spliced HTLV-1 mRNAs is influenced by mitosis and by a novel cis-acting regulatory sequence. <i>Retrovirology</i> , 2015, 12, .	2.0	0
93	Identification of novel monocistronic HTLV-1 mRNAs encoding functional Rex isoforms. <i>Retrovirology</i> , 2015, 12, .	2.0	0