

Amelia Cimmino

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56
papers

17,601
citations

32
h-index

62
g-index

62
ext. papers

18,744
ext. citations

8.6
avg. IF

5.39
L-index

#	Paper	IF	Citations
56	A microRNA expression signature of human solid tumors defines cancer gene targets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 2257-61	11.5	4710
55	miR-15 and miR-16 induce apoptosis by targeting BCL2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 13944-9	11.5	2912
54	A MicroRNA signature associated with prognosis and progression in chronic lymphocytic leukemia. <i>New England Journal of Medicine</i> , 2005 , 353, 1793-801	59.2	2041
53	MicroRNA-29 family reverts aberrant methylation in lung cancer by targeting DNA methyltransferases 3A and 3B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 15805-10	11.5	1385
52	MicroRNA profiling reveals distinct signatures in B cell chronic lymphocytic leukemias. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 11755-60	11.5	1103
51	MiR-15a and miR-16-1 cluster functions in human leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 5166-71	11.5	642
50	MicroRNA expression and function in cancer. <i>Trends in Molecular Medicine</i> , 2006 , 12, 580-7	11.5	615
49	Ultraconserved regions encoding ncRNAs are altered in human leukemias and carcinomas. <i>Cancer Cell</i> , 2007 , 12, 215-29	24.3	599
48	Tcl1 expression in chronic lymphocytic leukemia is regulated by miR-29 and miR-181. <i>Cancer Research</i> , 2006 , 66, 11590-3	10.1	528
47	MicroRNA fingerprints during human megakaryocytopoiesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 5078-83	11.5	386
46	Folate treatment and unbalanced methylation and changes of allelic expression induced by hyperhomocysteinaemia in patients with uraemia. <i>Lancet, The</i> , 2003 , 361, 1693-9	4.0	359
45	MicroRNA gene expression during retinoic acid-induced differentiation of human acute promyelocytic leukemia. <i>Oncogene</i> , 2007 , 26, 4148-57	9.2	322
44	Association of a microRNA/TP53 feedback circuitry with pathogenesis and outcome of B-cell chronic lymphocytic leukemia. <i>JAMA - Journal of the American Medical Association</i> , 2011 , 305, 59-67	27.4	223
43	An autoregulatory loop mediated by miR-21 and PDCD4 controls the AP-1 activity in RAS transformation. <i>Oncogene</i> , 2009 , 28, 73-84	9.2	209
42	In vivo telomere dynamics of human hematopoietic stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 13782-5	11.5	186
41	Regulatory mechanisms of microRNAs involvement in cancer. <i>Expert Opinion on Biological Therapy</i> , 2007 , 7, 1009-19	5.4	135
40	Aberrant regulation of pVHL levels by microRNA promotes the HIF/VEGF axis in CLL B cells. <i>Blood</i> , 2009 , 113, 5568-74	2.2	112

39	WWOX gene restoration prevents lung cancer growth in vitro and in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 15611-6	11.5	110
38	Hyperhomocysteinemia and the MTHFR C677T polymorphism promote steatosis and fibrosis in chronic hepatitis C patients. <i>Hepatology</i> , 2005 , 41, 995-1003	11.2	87
37	Non-codingRNA sequence variations in human chronic lymphocytic leukemia and colorectal cancer. <i>Carcinogenesis</i> , 2010 , 31, 208-15	4.6	65
36	L-Proline induces a mesenchymal-like invasive program in embryonic stem cells by remodeling H3K9 and H3K36 methylation. <i>Stem Cell Reports</i> , 2013 , 1, 307-21	8	64
35	An increased body mass index is associated with a worse prognosis in patients administered BCG immunotherapy for T1 bladder cancer. <i>World Journal of Urology</i> , 2019 , 37, 507-514	4	57
34	Long non-coding RNA containing ultraconserved genomic region 8 promotes bladder cancer tumorigenesis. <i>Oncotarget</i> , 2016 , 7, 20636-54	3.3	56
33	Protein isoaspartate methyltransferase prevents apoptosis induced by oxidative stress in endothelial cells: role of Bcl-Xl deamidation and methylation. <i>PLoS ONE</i> , 2008 , 3, e3258	3.7	45
32	Low serum total testosterone level as a predictor of upstaging and upgrading in low-risk prostate cancer patients meeting the inclusion criteria for active surveillance. <i>Oncotarget</i> , 2017 , 8, 18424-18434	3.3	44
31	microRNAs in the tumor microenvironment: solving the riddle for a better diagnostics. <i>Expert Review of Molecular Diagnostics</i> , 2014 , 14, 565-74	3.8	42
30	Urinary long noncoding RNAs in nonmuscle-invasive bladder cancer: new architects in cancer prognostic biomarkers. <i>Translational Research</i> , 2017 , 184, 108-117	11	41
29	Modified Glasgow Prognostic Score is Associated With Risk of Recurrence in Bladder Cancer Patients After Radical Cystectomy: A Multicenter Experience. <i>Medicine (United States)</i> , 2015 , 94, e1861	1.8	39
28	Effect of reddening-ripening on the antioxidant activity of polyphenol extracts from cv. AnnurcaU apple fruits. <i>Journal of Agricultural and Food Chemistry</i> , 2007 , 55, 9977-85	5.7	39
27	Sarcoma Spheroids and Organoids-Promising Tools in the Era of Personalized Medicine. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	36
26	Protein methylation as a marker of aspartate damage in glucose-6-phosphate dehydrogenase-deficient erythrocytes: role of oxidative stress. <i>FEBS Journal</i> , 2002 , 269, 2032-9		36
25	The role of a new class of long noncoding RNAs transcribed from ultraconserved regions in cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2017 , 1868, 449-455	11.2	29
24	Homocysteinylated albumin promotes increased monocyte-endothelial cell adhesion and up-regulation of MCP1, Hsp60 and ADAM17. <i>PLoS ONE</i> , 2012 , 7, e31388	3.7	29
23	Transcribed ultraconserved region 339 promotes carcinogenesis by modulating tumor suppressor microRNAs. <i>Nature Communications</i> , 2017 , 8, 1801	17.4	28
22	Epigenetic alteration of microRNAs in DNMT3B-mutated patients of ICF syndrome. <i>Epigenetics</i> , 2010 , 5, 427-43	5.7	28

21	Modulation of the pentose phosphate pathway induces endodermal differentiation in embryonic stem cells. <i>PLoS ONE</i> , 2012 , 7, e29321	3.7	28
20	New Cross-Talk Layer between Ultraconserved Non-Coding RNAs, MicroRNAs and Polycomb Protein YY1 in Bladder Cancer. <i>Genes</i> , 2016 , 7,	4.2	23
19	Liquid Biopsy Biomarkers in Urine: A Route towards Molecular Diagnosis and Personalized Medicine of Bladder Cancer. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	22
18	Plasma proteins containing damaged L-isoaspartyl residues are increased in uremia: implications for mechanism. <i>Kidney International</i> , 2001 , 59, 2299-308	9.9	21
17	Metabolic consequences of hyperhomocysteinemia in uremia. <i>American Journal of Kidney Diseases</i> , 2001 , 38, S85-90	7.4	16
16	An Ultraconserved Element Containing lncRNA Preserves Transcriptional Dynamics and Maintains ESC Self-Renewal. <i>Stem Cell Reports</i> , 2018 , 10, 1102-1114	8	13
15	Direct detection of organophosphate compounds in water by a fluorescence-based biosensing device. <i>Sensors and Actuators B: Chemical</i> , 2018 , 255, 3257-3266	8.5	13
14	Oligonucleotide analogues as modulators of the expression and function of noncoding RNAs (ncRNAs): emerging therapeutics applications. <i>Journal of Medicinal Chemistry</i> , 2014 , 57, 10220-40	8.3	11
13	Molecular characterization of G6PD deficiency in Southern Italy: heterogeneity, correlation genotype-phenotype and description of a new variant (G6PD Neapolis). <i>British Journal of Haematology</i> , 1997 , 98, 41-6	4.5	11
12	Chemical modifications in the seed region of miRNAs 221/222 increase the silencing performances in gastrointestinal stromal tumor cells. <i>European Journal of Medicinal Chemistry</i> , 2016 , 111, 15-25	6.8	10
11	Epigenetic Signature: A New Player as Predictor of Clinically Significant Prostate Cancer (PCa) in Patients on Active Surveillance (AS). <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	8
10	Determination of Picomolar Concentrations of Paraoxon in Human Urine by Fluorescence-Based Enzymatic Assay. <i>Sensors</i> , 2019 , 19,	3.8	7
9	Subcellular Localization of uc.8+ as a Prognostic Biomarker in Bladder Cancer Tissue. <i>Cancers</i> , 2021 , 13,	6.6	7
8	Binding studies of antimicrobial peptides to Escherichia coli cells. <i>Biochemical and Biophysical Research Communications</i> , 2016 , 478, 149-153	3.4	6
7	Yin Yang I as an Epimodulator of miRNAs in the Metastatic Cascade. <i>Critical Reviews in Oncogenesis</i> , 2017 , 22, 99-107	1.3	3
6	Perspective: Cancer Patient Management Challenges During the COVID-19 Pandemic. <i>Frontiers in Oncology</i> , 2020 , 10, 1556	5.3	3
5	Role of PA2G4P4 pseudogene in bladder cancer tumorigenesis. <i>Biology</i> , 2020 , 9,	4.9	2
4	Peri-Prostatic Adipocyte-Released TGF β Enhances Prostate Cancer Cell Motility by Upregulation of Connective Tissue Growth Factor. <i>Biomedicines</i> , 2021 , 9,	4.8	2

3 High throughput microRNAs profiling in cancers 309-321

2 Tumorigenesis-Related Long Noncoding RNAs and Their Targeting as Therapeutic Approach in Cancer. *RNA Technologies*, **2020**, 277-303 0.2

1 Effects of long non-coding RNAs on androgen signaling pathways in genitourinary malignancies. *Molecular and Cellular Endocrinology*, **2021**, 526, 111197 4.4