

# Amelia Cimmino

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

19,792  
citations

117571

34  
h-index

138417

58  
g-index

62  
all docs

62  
docs citations

62  
times ranked

21136  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | A microRNA expression signature of human solid tumors defines cancer gene targets. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2257-2261.                              | 3.3  | 5,220     |
| 2  | miR-15 and miR-16 induce apoptosis by targeting BCL2. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 13944-13949.   | 3.3  | 3,287     |
| 3  | A MicroRNA Signature Associated with Prognosis and Progression in Chronic Lymphocytic Leukemia. New England Journal of Medicine, 2005, 353, 1793-1801.   | 13.9 | 2,255     |
| 4  | MicroRNA-29 family reverts aberrant methylation in lung cancer by targeting DNA methyltransferases 3A and 3B. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 15805-15810. | 3.3  | 1,538     |
| 5  | MicroRNA profiling reveals distinct signatures in B cell chronic lymphocytic leukemias. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 11755-11760.                       | 3.3  | 1,238     |
| 6  | MiR-15a and miR-16-1 cluster functions in human leukemia. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5166-5171.   | 3.3  | 741       |
| 7  | MicroRNA expression and function in cancer. Trends in Molecular Medicine, 2006, 12, 580-587.   | 3.5  | 699       |
| 8  | Ultraconserved Regions Encoding ncRNAs Are Altered in Human Leukemias and Carcinomas. Cancer Cell, 2007, 12, 215-229.  | 7.7  | 681       |
| 9  | Tcl1 Expression in Chronic Lymphocytic Leukemia Is Regulated by miR-29 and miR-181. Cancer Research, 2006, 66, 11590-11593.  | 0.4  | 568       |
| 10 | MicroRNA fingerprints during human megakaryocytopoiesis. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 5078-5083.  | 3.3  | 403       |
| 11 | Folate treatment and unbalanced methylation and changes of allelic expression induced by hyperhomocysteinaemia in patients with uraemia. Lancet, The, 2003, 361, 1693-1699.  | 6.3  | 395       |
| 12 | MicroRNA gene expression during retinoic acid-induced differentiation of human acute promyelocytic leukemia. Oncogene, 2007, 26, 4148-4157.  | 2.6  | 351       |
| 13 | Association of a MicroRNA/TP53 Feedback Circuitry With Pathogenesis and Outcome of B-Cell Chronic Lymphocytic Leukemia. JAMA - Journal of the American Medical Association, 2011, 305, 59.                             | 3.8  | 256       |
| 14 | An autoregulatory loop mediated by miR-21 and PDCD4 controls the AP-1 activity in RAS transformation. Oncogene, 2009, 28, 73-84.   | 2.6  | 230       |
| 15 | In vivo telomere dynamics of human hematopoietic stem cells. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 13782-13785.   | 3.3  | 194       |
| 16 | Regulatory mechanisms of microRNAs involvement in cancer. Expert Opinion on Biological Therapy, 2007, 7, 1009-1019.  | 1.4  | 150       |
| 17 | Aberrant regulation of pVHL levels by microRNA promotes the HIF/VEGF axis in CLL B cells. Blood, 2009, 113, 5568-5574.   | 0.6  | 129       |
| 18 | WWOX gene restoration prevents lung cancer growth in vitro and in vivo. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 15611-15616.                                       | 3.3  | 128       |

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|----|---|-----|-----------|
| 19 | Hyperhomocysteinemia and the MTHFR C677T polymorphism promote steatosis and fibrosis in chronic hepatitis C patients. <i>Hepatology</i> , 2005, 41, 995-1003.   | 3.6 | 113       |
| 20 | 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, 307-321.  | 2.3 | 80        |
| 21 | 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.                            | 1.2 | 77        |
| 22 | Non-codingRNA sequence variations in human chronic lymphocytic leukemia and colorectal cancer. <i>Carcinogenesis</i> , 2010, 31, 208-215.   | 1.3 | 68        |
| 23 | Long non-coding RNA containing ultraconserved genomic region 8 promotes bladder cancer tumorigenesis. <i>Oncotarget</i> , 2016, 7, 20636-20654.   | 0.8 | 66        |
| 24 | Liquid Biopsy Biomarkers in Urine: A Route towards Molecular Diagnosis and Personalized Medicine of Bladder Cancer. <i>Journal of Personalized Medicine</i> , 2021, 11, 237.  | 1.1 | 58        |
| 25 | Sarcoma Spheroids and Organoidsâ€”Promising Tools in the Era of Personalized Medicine. <i>International Journal of Molecular Sciences</i> , 2018, 19, 615.  | 1.8 | 57        |
| 26 | Urinary long noncoding RNAs in nonmuscle-invasive bladder cancer: new architects in cancer prognostic biomarkers. <i>Translational Research</i> , 2017, 184, 108-117.   | 2.2 | 56        |
| 27 | 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. | 0.8 | 52        |
| 28 | Protein Isoaspartate Methyltransferase Prevents Apoptosis Induced by Oxidative Stress in Endothelial Cells: Role of Bcl-XI Deamidation and Methylation. <i>PLoS ONE</i> , 2008, 3, e3258.                           | 1.1 | 50        |
| 29 | Effect of Reddeningâ€”Ripening on the Antioxidant Activity of Polyphenol Extracts from Cv. â€”Annurcaâ€” Apple Fruits. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 9977-9985.                     | 2.4 | 47        |
| 30 | microRNAs in the tumor microenvironment: solving the riddle for a better diagnostics. <i>Expert Review of Molecular Diagnostics</i> , 2014, 14, 565-574.  | 1.5 | 47        |
| 31 | Modified Glasgow Prognostic Score is Associated With Risk of Recurrence in Bladder Cancer Patients After Radical Cystectomy. <i>Medicine (United States)</i> , 2015, 94, e1861.                                     | 0.4 | 43        |
| 32 | Protein methylation as a marker of aspartate damage in glucose-6-phosphate dehydrogenase-deficient erythrocytes. <i>FEBS Journal</i> , 2002, 269, 2032-2039.  | 0.2 | 42        |
| 33 | 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.                                    | 3.3 | 37        |
| 34 | Transcribed ultraconserved region 339 promotes carcinogenesis by modulating tumor suppressor microRNAs. <i>Nature Communications</i> , 2017, 8, 1801.   | 5.8 | 36        |
| 35 | Modulation of the Pentose Phosphate Pathway Induces Endodermal Differentiation in Embryonic Stem Cells. <i>PLoS ONE</i> , 2012, 7, e29321.  | 1.1 | 33        |
| 36 | Epigenetic alteration of microRNAs in DNMT3B-mutated patients of ICF syndrome. <i>Epigenetics</i> , 2010, 5, 427-443.   | 1.3 | 31        |

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|----|---|-----|-----------|
| 37 | Homocysteinylated Albumin Promotes Increased Monocyte-Endothelial Cell Adhesion and Up-Regulation of MCP1, Hsp60 and ADAM17. PLoS ONE, 2012, 7, e31388.   | 1.1 | 31        |
| 38 | Plasma proteins containing damaged L-isoaspartyl residues are increased in uremia: Implications for mechanism. Kidney International, 2001, 59, 2299-2308.   | 2.6 | 26        |
| 39 | New Cross-Talk Layer between Ultraconserved Non-Coding RNAs, MicroRNAs and Polycomb Protein YY1 in Bladder Cancer. Genes, 2016, 7, 127.   | 1.0 | 26        |
| 40 | Direct detection of organophosphate compounds in water by a fluorescence-based biosensing device. Sensors and Actuators B: Chemical, 2018, 255, 3257-3266.  | 4.0 | 21        |
| 41 | Metabolic consequences of hyperhomocysteinemia in uremia. American Journal of Kidney Diseases, 2001, 38, S85-S90.   | 2.1 | 20        |
| 42 | An Ultraconserved Element Containing lncRNA Preserves Transcriptional Dynamics and Maintains ESC Self-Renewal. Stem Cell Reports, 2018, 10, 1102-1114.  | 2.3 | 17        |
| 43 | The Fra-1/AP-1 Oncoprotein: From the "Undruggable" Transcription Factor to Therapeutic Targeting. Cancers, 2022, 14, 1480.  | 1.7 | 17        |
| 44 | Oligonucleotide Analogues as Modulators of the Expression and Function of Noncoding RNAs (ncRNAs): Emerging Therapeutics Applications. Journal of Medicinal Chemistry, 2014, 57, 10220-10240.                     | 2.9 | 13        |
| 45 | Chemical modifications in the seed region of miRNAs 221/222 increase the silencing performances in gastrointestinal stromal tumor cells. European Journal of Medicinal Chemistry, 2016, 111, 15-25.               | 2.6 | 13        |
| 46 | Epigenetic Signature: A New Player as Predictor of Clinically Significant Prostate Cancer (PCa) in Patients on Active Surveillance (AS). International Journal of Molecular Sciences, 2017, 18, 1146.             | 1.8 | 13        |
| 47 | Peri-Prostatic Adipocyte-Released TGF $\beta$ 2 Enhances Prostate Cancer Cell Motility by Upregulation of Connective Tissue Growth Factor. Biomedicines, 2021, 9, 1692.   | 1.4 | 13        |
| 48 | Molecular characterization of G6PD deficiency in Southern Italy: heterogeneity, correlation genotype-phenotype and description of a new variant (G6PD Neapolis). British Journal of Haematology, 1997, 98, 41-46. | 1.2 | 12        |
| 49 | Determination of Picomolar Concentrations of Paraoxon in Human Urine by Fluorescence-Based Enzymatic Assay. Sensors, 2019, 19, 4852.  | 2.1 | 12        |
| 50 | Subcellular Localization of uc.8+ as a Prognostic Biomarker in Bladder Cancer Tissue. Cancers, 2021, 13, 681.   | 1.7 | 12        |
| 51 | Circulating tumor cells in bladder cancer: a new horizon of liquid biopsy for precision medicine. Journal of Basic and Clinical Physiology and Pharmacology, 2022, 33, 525-527.                                   | 0.7 | 12        |
| 52 | Binding studies of antimicrobial peptides to Escherichia coli cells. Biochemical and Biophysical Research Communications, 2016, 478, 149-153.   | 1.0 | 7         |
| 53 | Role of PA2G4P4 pseudogene in bladder cancer tumorigenesis. Biology, 2020, 9, 66.   | 1.3 | 5         |
| 54 | Yin Yang I as an Epimodulator of miRNAs in the Metastatic Cascade. Critical Reviews in Oncogenesis, 2017, 22, 99-107.   | 0.2 | 5         |

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|----|--|-----|-----------|
| 55 | Perspective: Cancer Patient Management Challenges During the COVID-19 Pandemic. <i>Frontiers in Oncology</i> , 2020, 10, 1556.                                   | 1.3 | 4         |
| 56 | Plasma proteins containing damaged l-isoaspartyl residues are increased in uremia: Implications for mechanism. <i>Kidney International</i> , 2001, 59, 2299.     | 2.6 | 3         |
| 57 | High throughput microRNAs profiling in cancers. , 2007, , 309-321.   |     | 0         |
| 58 | Effects of long non-coding RNAs on androgen signaling pathways in genitourinary malignancies. <i>Molecular and Cellular Endocrinology</i> , 2021, 526, 111197.   | 1.6 | 0         |
| 59 | Circular RNAs: an emerging type of non-coding RNA and their potential implications in bladder cancer. <i>Translational Cancer Research</i> , 2018, 7, S758-S761. | 0.4 | 0         |
| 60 | Tumorigenesis-Related Long Noncoding RNAs and Their Targeting as Therapeutic Approach in Cancer. <i>RNA Technologies</i> , 2020, , 277-303.                      | 0.2 | 0         |