

# Carlo Maria Croce

## 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.

166  
papers

30,862  
citations

54  
h-index

175  
g-index

175  
ext. papers

34,296  
ext. citations

9.7  
avg, IF

7.73  
L-index

| #   | Paper   | IF   | Citations |
|-----|---|------|-----------|
| 166 | MicroRNA signatures in human cancers. <i>Nature Reviews Cancer</i> , <b>2006</b> , 6, 857-66  | 31.3 | 6256      |
| 165 | Frequent deletions and down-regulation of micro- RNA genes miR15 and miR16 at 13q14 in chronic lymphocytic leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 15524-9 | 11.5 | 4014      |
| 164 | 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> , <b>2005</b> , 102, 13944-9   | 11.5 | 2912      |
| 163 | Causes and consequences of microRNA dysregulation in cancer. <i>Nature Reviews Genetics</i> , <b>2009</b> , 10, 704-14  | 16.1 | 2482      |
| 162 | A MicroRNA signature associated with prognosis and progression in chronic lymphocytic leukemia. <i>New England Journal of Medicine</i> , <b>2005</b> , 353, 1793-801  | 59.2 | 2041      |
| 161 | MicroRNAs in cancer. <i>Annual Review of Pathology: Mechanisms of Disease</i> , <b>2014</b> , 9, 287-314  | 34   | 1157      |
| 160 | miRNAs, cancer, and stem cell division. <i>Cell</i> , <b>2005</b> , 122, 6-7  | 56.2 | 1156      |
| 159 | The role of MicroRNAs in human cancer. <i>Signal Transduction and Targeted Therapy</i> , <b>2016</b> , 1, 15004   | 21   | 1022      |
| 158 | Oncogenes and cancer. <i>New England Journal of Medicine</i> , <b>2008</b> , 358, 502-11  | 59.2 | 722       |
| 157 | Identification of metastasis-related microRNAs in hepatocellular carcinoma. <i>Hepatology</i> , <b>2008</b> , 47, 897-907   | 17.2 | 573       |
| 156 | Long noncoding RNA in prostate, bladder, and kidney cancer. <i>European Urology</i> , <b>2014</b> , 65, 1140-51   | 10.2 | 471       |
| 155 | Human chronic lymphocytic leukemia modeled in mouse by targeted TCL1 expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2002</b> , 99, 6955-60                                     | 11.5 | 469       |
| 154 | MicroRNA and cancer--a brief overview. <i>Advances in Biological Regulation</i> , <b>2015</b> , 57, 1-9   | 6.2  | 424       |
| 153 | p53 regulates epithelial-mesenchymal transition through microRNAs targeting ZEB1 and ZEB2. <i>Journal of Experimental Medicine</i> , <b>2011</b> , 208, 875-83  | 16.6 | 423       |
| 152 | Downregulation of p53-inducible microRNAs 192, 194, and 215 impairs the p53/MDM2 autoregulatory loop in multiple myeloma development. <i>Cancer Cell</i> , <b>2010</b> , 18, 367-81   | 24.3 | 356       |
| 151 | Emerging role of miR-106b-25/miR-17-92 clusters in the control of transforming growth factor beta signaling. <i>Cancer Research</i> , <b>2008</b> , 68, 8191-4  | 10.1 | 335       |
| 150 | miRNA profiling of cancer. <i>Current Opinion in Genetics and Development</i> , <b>2013</b> , 23, 3-11  | 4.9  | 322       |

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|-----|---|------|-----|
| 149 | Mammalian microRNAs: a small world for fine-tuning gene expression. <i>Mammalian Genome</i> , <b>2006</b> , 17, 189-202   | 3.2  | 275 |
| 148 | MicroRNA-135b promotes cancer progression by acting as a downstream effector of oncogenic pathways in colon cancer. <i>Cancer Cell</i> , <b>2014</b> , 25, 469-83   | 24.3 | 235 |
| 147 | Interplay between microRNAs and the epigenetic machinery: an intricate network. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2010</b> , 1799, 694-701   | 6    | 229 |
| 146 | Small non-coding RNA and cancer. <i>Carcinogenesis</i> , <b>2017</b> , 38, 485-491  | 4.6  | 211 |
| 145 | MicroRNAs play a central role in molecular dysfunctions linking inflammation with cancer. <i>Immunological Reviews</i> , <b>2013</b> , 253, 167-84  | 11.3 | 167 |
| 144 | tsRNA signatures in cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 8071-8076   | 11.5 | 131 |
| 143 | Dysregulation of a family of short noncoding RNAs, tsRNAs, in human cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 5071-6  | 11.5 | 130 |
| 142 | MicroRNA-155 influences B-cell receptor signaling and associates with aggressive disease in chronic lymphocytic leukemia. <i>Blood</i> , <b>2014</b> , 124, 546-54  | 2.2  | 127 |
| 141 | Oncosuppressive role of p53-induced miR-205 in triple negative breast cancer. <i>Molecular Oncology</i> , <b>2012</b> , 6, 458-72   | 7.9  | 122 |
| 140 | MicroRNAs as therapeutic targets in chemoresistance. <i>Drug Resistance Updates</i> , <b>2013</b> , 16, 47-59   | 23.2 | 116 |
| 139 | Role of MYC-regulated long noncoding RNAs in cell cycle regulation and tumorigenesis. <i>Journal of the National Cancer Institute</i> , <b>2015</b> , 107,  | 9.7  | 114 |
| 138 | MicroRNA-224 promotes tumor progression in nonsmall cell lung cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E4288-97  | 11.5 | 112 |
| 137 | Mutational landscape of gastric adenocarcinoma in Chinese: implications for prognosis and therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 1107-12                          | 11.5 | 112 |
| 136 | Exosome-Derived miR-25-3p and miR-92a-3p Stimulate Liposarcoma Progression. <i>Cancer Research</i> , <b>2017</b> , 77, 3846-3856  | 10.1 | 107 |
| 135 | ERK Activation Globally Downregulates miRNAs through Phosphorylating Exportin-5. <i>Cancer Cell</i> , <b>2016</b> , 30, 723-736   | 24.3 | 96  |
| 134 | E(mu)-TCL1 mice represent a model for immunotherapeutic reversal of chronic lymphocytic leukemia-induced T-cell dysfunction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 6250-5 | 11.5 | 96  |
| 133 | Role of microRNAs in maintaining cancer stem cells. <i>Advanced Drug Delivery Reviews</i> , <b>2015</b> , 81, 53-61   | 18.5 | 94  |
| 132 | MicroRNA profiles discriminate among colon cancer metastasis. <i>PLoS ONE</i> , <b>2014</b> , 9, e96670   | 3.7  | 88  |

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|-----|---|------|----|
| 131 | Non-coding RNAs in cancer initiation and progression and as novel biomarkers. <i>Molecular Oncology</i> , <b>2011</b> , 5, 483-91   | 7.9  | 87 |
| 130 | Finally, An Apoptosis-Targeting Therapeutic for Cancer. <i>Cancer Research</i> , <b>2016</b> , 76, 5914-5920  | 10.1 | 84 |
| 129 | RNA Nanoparticle-Based Targeted Therapy for Glioblastoma through Inhibition of Oncogenic miR-21. <i>Molecular Therapy</i> , <b>2017</b> , 25, 1544-1555   | 11.7 | 83 |
| 128 | Mechanisms of PD-L1/PD-1-mediated CD8 T-cell dysfunction in the context of aging-related immune defects in the E $\mu$ -TCL1 CLL mouse model. <i>Blood</i> , <b>2015</b> , 126, 212-21  | 2.2  | 82 |
| 127 | MicroRNA-148a reduces tumorigenesis and increases TRAIL-induced apoptosis in NSCLC. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 8650-5                          | 11.5 | 79 |
| 126 | miR-15b/16-2 deletion promotes B-cell malignancies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 11636-41  | 11.5 | 78 |
| 125 | MicroRNAs in melanoma development and resistance to target therapy. <i>Oncotarget</i> , <b>2017</b> , 8, 22262-22278  | 3.8  | 74 |
| 124 | MicroRNAs: fundamental facts and involvement in human diseases. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , <b>2006</b> , 78, 180-9  |      | 70 |
| 123 | MiR-221 promotes stemness of breast cancer cells by targeting DNMT3b. <i>Oncotarget</i> , <b>2016</b> , 7, 580-92   | 3.3  | 70 |
| 122 | miR-579-3p controls melanoma progression and resistance to target therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, E5005-13                                 | 11.5 | 69 |
| 121 | MicroRNAs and Cancer: A Long Story for Short RNAs. <i>Advances in Cancer Research</i> , <b>2017</b> , 135, 1-24   | 5.9  | 68 |
| 120 | RNA nanoparticle as a vector for targeted siRNA delivery into glioblastoma mouse model. <i>Oncotarget</i> , <b>2015</b> , 6, 14766-76   | 3.3  | 68 |
| 119 | MicroRNAs in diseases and drug response. <i>Current Opinion in Pharmacology</i> , <b>2008</b> , 8, 661-7  | 5.1  | 62 |
| 118 | microRNA classifiers are powerful diagnostic/prognostic tools in ALK-, EGFR-, and KRAS-driven lung cancers. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 14924-9 | 11.5 | 61 |
| 117 | A set of NF- $\kappa$ B-regulated microRNAs induces acquired TRAIL resistance in lung cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, E3355-64              | 11.5 | 60 |
| 116 | Upregulation of long noncoding RNA MIAT in aggressive form of chronic lymphocytic leukemias. <i>Oncotarget</i> , <b>2016</b> , 7, 54174-54182   | 3.3  | 60 |
| 115 | MicroRNA-224 is implicated in lung cancer pathogenesis through targeting caspase-3 and caspase-7. <i>Oncotarget</i> , <b>2015</b> , 6, 21802-15   | 3.3  | 59 |
| 114 | Noncoding RNA: Current Deep Sequencing Data Analysis Approaches and Challenges. <i>Human Mutation</i> , <b>2016</b> , 37, 1283-1298   | 4.7  | 58 |

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|-----|--|------|----|
| 113 | miR-302b enhances breast cancer cell sensitivity to cisplatin by regulating E2F1 and the cellular DNA damage response. <i>Oncotarget</i> , <b>2016</b> , 7, 786-97   | 3.3  | 56 |
| 112 | MYC-repressed long noncoding RNAs antagonize MYC-induced cell proliferation and cell cycle progression. <i>Oncotarget</i> , <b>2015</b> , 6, 18780-9   | 3.3  | 49 |
| 111 | Role of microRNA in chronic lymphocytic leukemia onset and progression. <i>Journal of Hematology and Oncology</i> , <b>2015</b> , 8, 12  | 22.4 | 48 |
| 110 | Disruption of miR-29 Leads to Aberrant Differentiation of Smooth Muscle Cells Selectively Associated with Distal Lung Vasculature. <i>PLoS Genetics</i> , <b>2015</b> , 11, e1005238   | 6    | 46 |
| 109 | miR-196b-5p-mediated downregulation of TSPAN12 and GATA6 promotes tumor progression in non-small cell lung cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 4347-4357 | 11.5 | 46 |
| 108 | FHIT suppresses epithelial-mesenchymal transition (EMT) and metastasis in lung cancer through modulation of microRNAs. <i>PLoS Genetics</i> , <b>2014</b> , 10, e1004652   | 6    | 46 |
| 107 | Human anti-nucleolin recombinant immunoagent for cancer therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 9418-23   | 11.5 | 45 |
| 106 | Role of the tRNA-Derived Small RNAs in Cancer: New Potential Biomarkers and Target for Therapy. <i>Advances in Cancer Research</i> , <b>2017</b> , 135, 173-187  | 5.9  | 43 |
| 105 | HIF-1 $\alpha$ promotes autophagic proteolysis of Dicer and enhances tumor metastasis. <i>Journal of Clinical Investigation</i> , <b>2018</b> , 128, 625-643   | 15.9 | 43 |
| 104 | MicroRNAs in intestinal barrier function, inflammatory bowel disease and related cancers-their effects and therapeutic potentials. <i>Current Opinion in Pharmacology</i> , <b>2017</b> , 37, 142-150                                    | 5.1  | 40 |
| 103 | miR-130a Dereglates PTEN and Stimulates Tumor Growth. <i>Cancer Research</i> , <b>2017</b> , 77, 6168-6178   | 10.1 | 39 |
| 102 | Long noncoding RNAs: Undeciphered cellular codes encrypting keys of colorectal cancer pathogenesis. <i>Cancer Letters</i> , <b>2018</b> , 417, 89-95   | 9.9  | 38 |
| 101 | Repression of Esophageal Neoplasia and Inflammatory Signaling by Anti-miR-31 Delivery In Vivo. <i>Journal of the National Cancer Institute</i> , <b>2015</b> , 107,  | 9.7  | 32 |
| 100 | Tumour predisposition and cancer syndromes as models to study gene-environment interactions. <i>Nature Reviews Cancer</i> , <b>2020</b> , 20, 533-549  | 31.3 | 32 |
| 99  | Quaking and miR-155 interactions in inflammation and leukemogenesis. <i>Oncotarget</i> , <b>2015</b> , 6, 24599-6103.3   | 3.3  | 32 |
| 98  | dysregulation to identify therapeutic target combinations for chronic lymphocytic leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, 10731-10736                      | 11.5 | 31 |
| 97  | Selective targeting of point-mutated KRAS through artificial microRNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E4203-E4212  | 11.5 | 30 |
| 96  | miR-340 predicts glioblastoma survival and modulates key cancer hallmarks through down-regulation of NRAS. <i>Oncotarget</i> , <b>2016</b> , 7, 19531-47   | 3.3  | 30 |

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|----|---|------|----|
| 95 | ROR1 expression as a biomarker for predicting prognosis in patients with colorectal cancer. <i>Oncotarget</i> , <b>2017</b> , 8, 32864-32872  | 3.3  | 29 |
| 94 | A large scale expression study associates uc.283-plus lncRNA with pluripotent stem cells and human glioma. <i>Genome Medicine</i> , <b>2014</b> , 6, 76   | 14.4 | 29 |
| 93 | microRNA editing in seed region aligns with cellular changes in hypoxic conditions. <i>Nucleic Acids Research</i> , <b>2016</b> , 44, 6298-308  | 20.1 | 28 |
| 92 | miR-Synth: a computational resource for the design of multi-site multi-target synthetic miRNAs. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, 5416-25   | 20.1 | 28 |
| 91 | miRNAs in the spotlight: Understanding cancer gene dependency. <i>Nature Medicine</i> , <b>2011</b> , 17, 935-6   | 50.5 | 28 |
| 90 | Virus-encoded microRNA contributes to the molecular profile of EBV-positive Burkitt lymphomas. <i>Oncotarget</i> , <b>2016</b> , 7, 224-40  | 3.3  | 28 |
| 89 | Knockout of both miR-15/16 loci induces acute myeloid leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 13069-13074                                     | 11.5 | 26 |
| 88 | Prognostic and biological significance of the proangiogenic factor EGFL7 in acute myeloid leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2017</b> , 114, E4641-E4647 | 11.5 | 25 |
| 87 | Dysregulation of different classes of tRNA fragments in chronic lymphocytic leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 24252-24258               | 11.5 | 25 |
| 86 | Pluripotent stem cell miRNAs and metastasis in invasive breast cancer. <i>Journal of the National Cancer Institute</i> , <b>2014</b> , 106,   | 9.7  | 25 |
| 85 | Downregulation of miR-15a and miR-16-1 at 13q14 in Chronic Lymphocytic Leukemia. <i>Clinical Chemistry</i> , <b>2016</b> , 62, 655-6  | 5.5  | 24 |
| 84 | Identification of tRNA-derived small RNA (tsRNA) responsive to the tumor suppressor, RUNX1, in breast cancer. <i>Journal of Cellular Physiology</i> , <b>2020</b> , 235, 5318-5327  | 7    | 24 |
| 83 | An Integrated Approach Identifies Mediators of Local Recurrence in Head and Neck Squamous Carcinoma. <i>Clinical Cancer Research</i> , <b>2017</b> , 23, 3769-3780  | 12.9 | 23 |
| 82 | Synthetic RNAs for Gene Regulation: Design Principles and Computational Tools. <i>Frontiers in Bioengineering and Biotechnology</i> , <b>2014</b> , 2, 65   | 5.8  | 23 |
| 81 | Extracellular Vesicle Biology in the Pathogenesis of Lung Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 1510-1518   | 10.2 | 22 |
| 80 | miR-181b as a therapeutic agent for chronic lymphocytic leukemia in the E $\mu$ -TCL1 mouse model. <i>Oncotarget</i> , <b>2015</b> , 6, 19807-18  | 3.3  | 22 |
| 79 | MicroRNA dysregulation and esophageal cancer development depend on the extent of zinc dietary deficiency. <i>Oncotarget</i> , <b>2016</b> , 7, 10723-38   | 3.3  | 22 |
| 78 | miRNA-mediated TUSC3 deficiency enhances UPR and ERAD to promote metastatic potential of NSCLC. <i>Nature Communications</i> , <b>2018</b> , 9, 5110  | 17.4 | 22 |

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|----|---|------|----|
| 77 | Tissue and exosomal miRNA editing in Non-Small Cell Lung Cancer. <i>Scientific Reports</i> , <b>2018</b> , 8, 10222   | 4.9  | 22 |
| 76 | MicroRNA fingerprints in juvenile myelomonocytic leukemia (JMML) identified miR-150-5p as a tumor suppressor and potential target for treatment. <i>Oncotarget</i> , <b>2016</b> , 7, 55395-55408                                       | 3.3  | 21 |
| 75 | MAPK15 upregulation promotes cell proliferation and prevents DNA damage in male germ cell tumors. <i>Oncotarget</i> , <b>2016</b> , 7, 20981-98   | 3.3  | 21 |
| 74 | The self-assembly of a camptothecin-lysine nanotube. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 2834-2838  | 2.9  | 20 |
| 73 | Identification of tRNA-derived ncRNAs in TCGA and NCI-60 panel cell lines and development of the public database tRFexplorer. <i>Database: the Journal of Biological Databases and Curation</i> , <b>2019</b> , 2019,                   | 5    | 20 |
| 72 | WWOX Inhibits Metastasis of Triple-Negative Breast Cancer Cells via Modulation of miRNAs. <i>Cancer Research</i> , <b>2019</b> , 79, 1784-1798  | 10.1 | 20 |
| 71 | The TLR7/8/9 Antagonist IMO-8503 Inhibits Cancer-Induced Cachexia. <i>Cancer Research</i> , <b>2018</b> , 78, 6680-6690   | 6.0  | 20 |
| 70 | Fhit-Fdxr interaction in the mitochondria: modulation of reactive oxygen species generation and apoptosis in cancer cells. <i>Cell Death and Disease</i> , <b>2019</b> , 10, 147  | 9.8  | 19 |
| 69 | Regulated Expression of miR-155 is Required for iNKT Cell Development. <i>Frontiers in Immunology</i> , <b>2015</b> , 6, 140  | 8.4  | 19 |
| 68 | Investigating miRNA-lncRNA Interactions: Computational Tools and Resources. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1970, 251-277   | 1.4  | 18 |
| 67 | A novel fully human anti-NCL immunorNase for triple-negative breast cancer therapy. <i>Oncotarget</i> , <b>2016</b> , 7, 87016-87030  | 3.3  | 18 |
| 66 | Novel mechanisms of regulation of miRNAs in CLL. <i>Trends in Cancer</i> , <b>2016</b> , 2, 134-143   | 12.5 | 18 |
| 65 | Noncoding RNA genes in cancer pathogenesis. <i>Advances in Biological Regulation</i> , <b>2019</b> , 71, 219-223  | 6.2  | 17 |
| 64 | Consensus report of the 8 and 9th Weinman Symposia on Gene x Environment Interaction in carcinogenesis: novel opportunities for precision medicine. <i>Cell Death and Differentiation</i> , <b>2018</b> , 25, 1885-1904                 | 12.7 | 17 |
| 63 | Combined loss of function of two different loci of miR-15/16 drives the pathogenesis of acute myeloid leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 12332-12340 | 11.5 | 16 |
| 62 | Derived from Dedifferentiated Liposarcoma Extracellular Vesicles Induces MMP2 Production from Preadipocytes. <i>Cancer Research</i> , <b>2019</b> , 79, 4911-4922   | 10.1 | 16 |
| 61 | miRNA clusters as therapeutic targets for hormone-resistant breast cancer. <i>Expert Review of Endocrinology and Metabolism</i> , <b>2015</b> , 10, 607-617   | 4.1  | 16 |
| 60 | Fez1/Lzts1 a new mitotic regulator implicated in cancer development. <i>Cell Division</i> , <b>2007</b> , 2, 24   | 2.8  | 16 |



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|----|--|------|----|
| 59 | ncRNA Editing: Functional Characterization and Computational Resources. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1912, 133-174  | 1.4  | 15 |
| 58 | Human-like hyperplastic prostate with low ZIP1 induced solely by Zn deficiency in rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, E11091-E11100                  | 11.5 | 14 |
| 57 | Circulating Micronas Predict Survival of Patients with Tumors of Glial Origin. <i>EBioMedicine</i> , <b>2018</b> , 30, 105-112   | 8.8  | 13 |
| 56 | A mouse model of the fragile gene FHIT: From carcinogenesis to gene therapy and cancer prevention. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2005</b> , 591, 103-93                      | 9.3  | 13 |
| 55 | Exosomal miRNA signatures of pancreatic lesions. <i>BMC Gastroenterology</i> , <b>2020</b> , 20, 137   | 3    | 12 |
| 54 | MicroRNA dysregulation and multi-targeted therapy for cancer treatment. <i>Advances in Biological Regulation</i> , <b>2020</b> , 75, 100669  | 6.2  | 12 |
| 53 | Abrogation of esophageal carcinoma development in miR-31 knockout rats. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 6075-6085                                      | 11.5 | 11 |
| 52 | Identification of microRNAs implicated in the late differentiation stages of normal B cells suggests a central role for miRNA targets ZEB1 and TP53. <i>Oncotarget</i> , <b>2017</b> , 8, 11809-11826                              | 3.3  | 11 |
| 51 | Discovery and functional implications of a miR-29b-1/miR-29a cluster polymorphism in acute myeloid leukemia. <i>Oncotarget</i> , <b>2018</b> , 9, 4354-4365  | 3.3  | 11 |
| 50 | Pleiotropic tumor suppressor functions of WWOX antagonize metastasis. <i>Signal Transduction and Targeted Therapy</i> , <b>2020</b> , 5, 43  | 21   | 11 |
| 49 | Translocation t(2;11) in CLL cells results in CXCR4/MAML2 fusion oncogene. <i>Blood</i> , <b>2014</b> , 124, 259-62  | 2.2  | 10 |
| 48 | Genome wide identification of recessive cancer genes by combinatorial mutation analysis. <i>PLoS ONE</i> , <b>2008</b> , 3, e3380  | 3.7  | 10 |
| 47 | Determination of absolute expression profiles using multiplexed miRNA analysis. <i>PLoS ONE</i> , <b>2017</b> , 12, e0180988   | 3.7  | 10 |
| 46 | MicroRNA signatures and Foxp3 cell count correlate with relapse occurrence in follicular lymphoma. <i>Oncotarget</i> , <b>2018</b> , 9, 19961-19979  | 3.3  | 10 |
| 45 | miR-224 Is Significantly Upregulated and Targets Caspase-3 and Caspase-7 During Colorectal Carcinogenesis. <i>Translational Oncology</i> , <b>2019</b> , 12, 282-291   | 4.9  | 10 |
| 44 | Integration of metabolomics, transcriptomics, and microRNA expression profiling reveals a miR-143-HK2-glucose network underlying zinc-deficiency-associated esophageal neoplasia. <i>Oncotarget</i> , <b>2017</b> , 8, 81910-81925 | 3.3  | 9  |
| 43 | drives aneuploidy at early stages of cellular transformation. <i>Oncotarget</i> , <b>2018</b> , 9, 13036-13047   | 3.3  | 9  |
| 42 | MYC-related microRNAs signatures in non-Hodgkin B-cell lymphomas and their relationships with core cellular pathways. <i>Oncotarget</i> , <b>2018</b> , 9, 29753-29771   | 3.3  | 9  |



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|----|--|------|---|
| 41 | A Fhit-mimetic peptide suppresses annexin A4-mediated chemoresistance to paclitaxel in lung cancer cells. <i>Oncotarget</i> , <b>2016</b> , 7, 29927-36  | 3.3  | 9 |
| 40 | Frontiers of MicroRNA Signature in Non-small Cell Lung Cancer. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 643942  | 5.7  | 9 |
| 39 | MicroRNA and ER stress in cancer. <i>Seminars in Cancer Biology</i> , <b>2021</b> , 75, 3-14   | 12.7 | 9 |
| 38 | isoTar: Consensus Target Prediction with Enrichment Analysis for MicroRNAs Harboring Editing Sites and Other Variations. <i>Methods in Molecular Biology</i> , <b>2019</b> , 1970, 211-235   | 1.4  | 8 |
| 37 | Alterations of mitochondrial biogenesis in chronic lymphocytic leukemia cells with loss of p53. <i>Mitochondrion</i> , <b>2016</b> , 31, 33-39   | 4.9  | 8 |
| 36 | RANBP9 affects cancer cells response to genotoxic stress and its overexpression is associated with worse response to platinum in NSCLC patients. <i>Oncogene</i> , <b>2018</b> , 37, 6463-6476   | 9.2  | 8 |
| 35 | The MicroRNA Family Gets Wider: The IsomiRs Classification and Role. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 668648  | 5.7  | 8 |
| 34 | HNRNPL Restrains Targeting of BUB1 to Stabilize Aberrant Karyotypes of Transformed Cells in Chronic Lymphocytic Leukemia. <i>Cancers</i> , <b>2019</b> , 11,   | 6.6  | 7 |
| 33 | Discovery and characterization of the feline miRNAome. <i>Scientific Reports</i> , <b>2017</b> , 7, 9263   | 4.9  | 7 |
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