

Lorenzo F Sempere

List of Publications by Year in descending order

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61
papers

5,821
citations

218677

26
h-index

223800

46
g-index

62
all docs

62
docs citations

62
times ranked

9166
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression profiling of mammalian microRNAs uncovers a subset of brain-expressed microRNAs with possible roles in murine and human neuronal differentiation. <i>Genome Biology</i> , 2004, 5, R13.	9.6	1,396
2	Altered MicroRNA Expression Confined to Specific Epithelial Cell Subpopulations in Breast Cancer. <i>Cancer Research</i> , 2007, 67, 11612-11620.	0.9	515
3	A Uniform System for the Annotation of Vertebrate microRNA Genes and the Evolution of the Human microRNAome. <i>Annual Review of Genetics</i> , 2015, 49, 213-242.	7.6	467
4	VISTA Is an Immune Checkpoint Molecule for Human T Cells. <i>Cancer Research</i> , 2014, 74, 1924-1932.	0.9	378
5	MicroRNAs and the advent of vertebrate morphological complexity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 2946-2950.	7.1	373
6	MicroRNA-31 functions as an oncogenic microRNA in mouse and human lung cancer cells by repressing specific tumor suppressors. <i>Journal of Clinical Investigation</i> , 2010, 120, 1298-1309.	8.2	353
7	Temporal regulation of microRNA expression in <i>Drosophila melanogaster</i> mediated by hormonal signals and Broad-Complex gene activity. <i>Developmental Biology</i> , 2003, 259, 9-18.	2.0	290
8	The phylogenetic distribution of metazoan microRNAs: insights into evolutionary complexity and constraint. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2006, 306B, 575-588.	1.3	272
9	VISTA Is a Novel Broad-Spectrum Negative Checkpoint Regulator for Cancer Immunotherapy. <i>Cancer Immunology Research</i> , 2014, 2, 510-517.	3.4	187
10	Uncovering Growth-Suppressive MicroRNAs in Lung Cancer. <i>Clinical Cancer Research</i> , 2009, 15, 1177-1183.	7.0	167
11	MicroRNA-10b Expression Correlates with Response to Neoadjuvant Therapy and Survival in Pancreatic Ductal Adenocarcinoma. <i>Clinical Cancer Research</i> , 2011, 17, 5812-5821.	7.0	147
12	Reprogramming Tumor-Associated Dendritic Cells <i>In Vivo</i> Using miRNA Mimetics Triggers Protective Immunity against Ovarian Cancer. <i>Cancer Research</i> , 2012, 72, 1683-1693.	0.9	137
13	The Expression of the let-7 Small Regulatory RNA Is Controlled by Ecdysone during Metamorphosis in <i>Drosophila melanogaster</i> . <i>Developmental Biology</i> , 2002, 244, 170-179.	2.0	121
14	Fluorescence-Based Codetection with Protein Markers Reveals Distinct Cellular Compartments for Altered MicroRNA Expression in Solid Tumors. <i>Clinical Cancer Research</i> , 2010, 16, 4246-4255.	7.0	102
15	Phylogenetic distribution of microRNAs supports the basal position of acoel flatworms and the polyphyly of Platyhelminthes. <i>Evolution & Development</i> , 2007, 9, 409-415.	2.0	98
16	UBE1L causes lung cancer growth suppression by targeting cyclin D1. <i>Molecular Cancer Therapeutics</i> , 2008, 7, 3780-3788.	4.1	72
17	Exosomal MicroRNAs in Breast Cancer towards Diagnostic and Therapeutic Applications. <i>Cancers</i> , 2017, 9, 71.	3.7	72
18	Î²Np63Î±-Mediated Activation of Bone Morphogenetic Protein Signaling Governs Stem Cell Activity and Plasticity in Normal and Malignant Mammary Epithelial Cells. <i>Cancer Research</i> , 2013, 73, 1020-1030.	0.9	55

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19	<scp>microRNA</scp>-based diagnostic and therapeutic applications in cancer medicine. Wiley Interdisciplinary Reviews RNA, 2021, 12, e1662.	6.4	55
20	Critical analysis of the potential for microRNA biomarkers in breast cancer management. Breast Cancer: Targets and Therapy, 2015, 7, 59.	1.8	53
21	A novel 3-dimensional culture system uncovers growth stimulatory actions by TGF β ² in pancreatic cancer cells. Cancer Biology and Therapy, 2011, 12, 198-207.	3.4	48
22	Stromal Expression of miR-21 Identifies High-Risk Group in Triple-Negative Breast Cancer. American Journal of Pathology, 2014, 184, 3217-3225.	3.8	44
23	Tantalum oxide nanoparticles as versatile contrast agents for X-ray computed tomography. Nanoscale, 2020, 12, 7720-7734.	5.6	39
24	Integrating contextual miRNA and protein signatures for diagnostic and treatment decisions in cancer. Expert Review of Molecular Diagnostics, 2011, 11, 813-827.	3.1	36
25	Expression of tumor suppressive micro<scp>RNA</scp>-34a is associated with a reduced risk of bladder cancer recurrence. International Journal of Cancer, 2015, 137, 1158-1166.	5.1	36
26	Involvement of microRNAs in lung cancer biology and therapy. Translational Research, 2011, 157, 200-208.	5.0	34
27	Role of non-coding RNAs in tumor progression and metastasis in pancreatic cancer. Cancer and Metastasis Reviews, 2021, 40, 761-776.	5.9	28
28	Clinical Applications of Short Non-Coding RNA-Based Therapies in the Era of Precision Medicine. Cancers, 2022, 14, 1588.	3.7	27
29	A Method for Conducting Highly Sensitive MicroRNA In Situ Hybridization and Immunohistochemical Analysis in Pancreatic Cancer. Methods in Molecular Biology, 2013, 980, 43-59.	0.9	24
30	MicroRNA-155 Expression Is Enhanced by T-cell Receptor Stimulation Strength and Correlates with Improved Tumor Control in Melanoma. Cancer Immunology Research, 2019, 7, 1013-1024.	3.4	24
31	Comparing Histone Deacetylase Inhibitor Responses in Genetically Engineered Mouse Lung Cancer Models and a Window of Opportunity Trial in Patients with Lung Cancer. Molecular Cancer Therapeutics, 2013, 12, 1545-1555.	4.1	23
32	Tissue slide-based microRNA characterization of tumors: how detailed could diagnosis become for cancer medicine?. Expert Review of Molecular Diagnostics, 2014, 14, 853-869.	3.1	23
33	Segment and Fit Thresholding: A New Method for Image Analysis Applied to Microarray and Immunofluorescence Data. Analytical Chemistry, 2015, 87, 9715-9721.	6.5	20
34	Ductal tree ablation by local delivery of ethanol prevents tumor formation in an aggressive mouse model of breast cancer. Breast Cancer Research, 2019, 21, 129.	5.0	14
35	Loss of <scp>microRNA</scp>-21 leads to profound stromal remodeling and short survival in <scp>Kâ€Ras</scp>-driven mouse models of pancreatic cancer. International Journal of Cancer, 2020, 147, 2265-2278.	5.1	14
36	Fully Automated Fluorescence-Based Four-Color Multiplex Assay for Co-detection of MicroRNA and Protein Biomarkers in Clinical Tissue Specimens. Methods in Molecular Biology, 2014, 1211, 151-170.	0.9	13

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37	Tumor-Suppressive microRNAs in Lung Cancer: Diagnostic and Therapeutic Opportunities. Scientific World Journal, The, 2009, 9, 626-628.	2.1	12
38	Good things come in small packages. Oncolmmunology, 2012, 1, 968-970.	4.6	11
39	Celebrating 25 Years of MicroRNA Research: From Discovery to Clinical Application. International Journal of Molecular Sciences, 2019, 20, 1987.	4.1	8
40	Automated Five-Color Multiplex Co-detection of MicroRNA and Protein Expression in Fixed Tissue Specimens. Methods in Molecular Biology, 2020, 2148, 257-276.	0.9	8
41	Translational Implications of MicroRNAs in Clinical Diagnostics and Therapeutics. , 2010, , 2965-2981.		5
42	Shining the spotlight on shed kras in pancreatic cancer. Cancer Biology and Therapy, 2008, 7, 361-363.	3.4	4
43	<scp>MIR</scp>21 is differentially expressed in the lymphoid tissue and modulated by stromal signalling in chronic lymphocytic leukaemia. British Journal of Haematology, 2015, 170, 272-275.	2.5	3
44	Intraductal Delivery and X-ray Visualization of Ethanol-Based Ablative Solution for Prevention and Local Treatment of Breast Cancer in Mouse Models. Journal of Visualized Experiments, 2022, , .	0.3	2
45	The Transcription Factor Ventral Anterior Homeobox 1 Modulates Circadian Time-Keeping and Fertility Through Direct Regulation of Vasoactive Intestinal Polypeptide Expression in the Suprachiasmatic Nucleus. Journal of the Endocrine Society, 2021, 5, A556-A556.	0.2	1
46	Abstract 5698: MicroRNA-31 acts as an oncomir in lung cancer by repressing specific tumor suppressors. Cancer Research, 2010, 70, 5698-5698.	0.9	1
47	Individual Noncoding RNA Variations. , 2015, , 83-122.		0
48	Detection of viral induced double-stranded RNA intermediates in archival paraffin blocks. Journal of Thoracic Oncology, 2016, 11, S25.	1.1	0
49	Abstract PS8-33: Image-guided intraductal ablation with refined ethanol solution for primary prevention of breast cancer. , 2021, , .		0
50	Dual recombinase mouse model to dissect cell typeâ€specific role of microRNAâ€21 in pancreatic cancer. FASEB Journal, 2021, 35, .	0.5	0
51	Acinar Cellâ€Enrichedâ€MicroRNA-802 Connects the Dots Between Kras Signaling, Acinar Ductal Metaplasia, and Pancreatic Cancer. Gastroenterology, 2021, , .	1.3	0
52	Abstract A135: Uncovering tumor suppressive and oncogenic microRNAs in lung cancer. , 2008, , .		0
53	Abstract LB-360: Fluorescence-based co-registration with protein markers reveals distinct cellular compartments for altered microRNA expression in solid tumors. , 2010, , .		0
54	Abstract B13: Automated multiplex assay for diagnostic application of contextual microRNA signatures in breast cancer. Cancer Research, 2012, 72, B13-B13.	0.9	0

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55	Modulation of Cancer Progression by Tumor Microenvironmental Leukocyte-Expressed microRNAs. , 0, , .		0
56	Abstract A67: Stromal expression of microRNA-21 identifies high-risk group in triple negative breast cancer. , 2015, , .		0
57	Abstract B33: Assessing macrophage polarization in sarcomas with PD-L1 correlates. , 2018, , .		0
58	Abstract A39: Viral response markers in immune-competent solid tumors by immunohistochemistry. , 2018, , .		0
59	Abstract A48: Genetic ablation of microRNA-21 profoundly remodels stroma and shortens survival of K-Ras-driven pancreatic cancer mouse models. , 2019, , .		0
60	Abstract 26: Intraductal procedure with refined ethanol-containing ablative solution for primary prevention of breast cancer. , 2020, , .		0
61	Abstract 5719: Tumor-suppressive stromal activity of pro-fibrogenic microRNA-21 in initiation and progression of K-Ras-driven mouse models of pancreatic cancer. , 2020, , .		0