

Xavier Bofill-De Ros

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

554
citations

687363

13
h-index

794594

19
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26
all docs

26
docs citations

26
times ranked

937
citing authors

#	ARTICLE	IF	CITATIONS
1	3â€™ Uridylation Confers miRNAs with Non-canonical Target Repertoires. <i>Molecular Cell</i> , 2019, 75, 511-522.e4.	9.7	66
2	Guidelines for the optimal design of miRNA-based shRNAs. <i>Methods</i> , 2016, 103, 157-166.	3.8	63
3	AGO-bound mature miRNAs are oligouridylated by TUTs and subsequently degraded by DIS3L2. <i>Nature Communications</i> , 2020, 11, 2765.	12.8	56
4	DYRK1A modulates c-MET in pancreatic ductal adenocarcinoma to drive tumour growth. <i>Gut</i> , 2019, 68, 1465-1476.	12.1	52
5	IsomiRs: Expanding the miRNA repression toolbox beyond the seed. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020, 1863, 194373.	1.9	43
6	Structural Differences between Pri-miRNA Paralogs Promote Alternative Drosha Cleavage and Expand Target Repertoires. <i>Cell Reports</i> , 2019, 26, 447-459.e4.	6.4	42
7	Stress-Induced MicroRNA-708 Impairs Î²-Cell Function and Growth. <i>Diabetes</i> , 2017, 66, 3029-3040.	0.6	39
8	MiR-148a- and miR-216a-regulated Oncolytic Adenoviruses Targeting Pancreatic Tumors Attenuate Tissue Damage Without Perturbation of miRNA Activity. <i>Molecular Therapy</i> , 2014, 22, 1665-1677.	8.2	33
9	Unification of miRNA and isomiR research: the mirGFF3 format and the mirtop API. <i>Bioinformatics</i> , 2020, 36, 698-703.	4.1	33
10	Genome-wide miR-155 and miR-802 target gene identification in the hippocampus of Ts65Dn Down syndrome mouse model by miRNA sponges. <i>BMC Genomics</i> , 2015, 16, 907.	2.8	30
11	QuagmiR: a cloud-based application for isomiR big data analytics. <i>Bioinformatics</i> , 2019, 35, 1576-1578.	4.1	23
12	Implications of MicroRNAs in Oncolytic Virotherapy. <i>Frontiers in Oncology</i> , 2017, 7, 142.	2.8	21
13	Late-phase miRNA-controlled oncolytic adenovirus for selective killing of cancer cells. <i>Oncotarget</i> , 2015, 6, 6179-6190.	1.8	16
14	Tumor IsomiR Encyclopedia (TIE): a pan-cancer database of miRNA isoforms. <i>Bioinformatics</i> , 2021, 37, 3023-3025.	4.1	13
15	Pancreatic Cancer Gene Therapy: From Molecular Targets to Delivery Systems. <i>Cancers</i> , 2011, 3, 368-395.	3.7	8
16	Flexible pri-miRNA structures enable tunable production of 5â€™ isomiRs. <i>RNA Biology</i> , 2022, 19, 279-289.	3.1	5
17	Novel, abundant Drosha isoforms are deficient in miRNA processing in cancer cells. <i>RNA Biology</i> , 2020, 17, 1603-1612.	3.1	4
18	Controlling Adenoviral Replication to Induce Oncolytic Efficacy–!2009-11-11~!2010-01-02~!2010-05-26~!. <i>The Open Gene Therapy Journal</i> , 2010, 3, 15-23.	1.2	4

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19	154. Applying Insights from Pri-miRNA Processing to shRNA Design. <i>Molecular Therapy</i> , 2016, 24, S61.	8.2	0
20	RNA targeting using CasRx can prevent aminoglycoside-induced hearing loss. <i>Molecular Therapy - Nucleic Acids</i> , 2022, 28, 756-757.	5.1	0