

Alessandro Fatica

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

9,320
citations

109321

35
h-index

118850

62
g-index

67
all docs

67
docs citations

67
times ranked

13559
citing authors

#	ARTICLE	IF	CITATIONS
1	Long non-coding RNAs: new players in cell differentiation and development. <i>Nature Reviews Genetics</i> , 2014, 15, 7-21.	16.3	2,616
2	Circ-ZNF609 Is a Circular RNA that Can Be Translated and Functions in Myogenesis. <i>Molecular Cell</i> , 2017, 66, 22-37.e9.	9.7	1,672
3	A Minicircuitry Comprised of MicroRNA-223 and Transcription Factors NFI-A and C/EBP β Regulates Human Granulopoiesis. <i>Cell</i> , 2005, 123, 819-831.	28.9	935
4	Making ribosomes. <i>Current Opinion in Cell Biology</i> , 2002, 14, 313-318.	5.4	455
5	The interplay between the master transcription factor PU.1 and miR-424 regulates human monocyte/macrophage differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 19849-19854.	7.1	266
6	Isolation and characterization of CD146+ multipotent mesenchymal stromal cells. <i>Experimental Hematology</i> , 2008, 36, 1035-1046.	0.4	240
7	Modulation of circRNA Metabolism by m6A Modification. <i>Cell Reports</i> , 2020, 31, 107641.	6.4	217
8	A Feedforward Regulatory Loop between HuR and the Long Noncoding RNA linc-MD1 Controls Early Phases of Myogenesis. <i>Molecular Cell</i> , 2014, 53, 506-514.	9.7	202
9	Ssf1p Prevents Premature Processing of an Early Pre-60S Ribosomal Particle. <i>Molecular Cell</i> , 2002, 9, 341-351.	9.7	167
10	Nob1p Is Required for Cleavage of the 3' End of 18S rRNA. <i>Molecular and Cellular Biology</i> , 2003, 23, 1798-1807.	2.3	144
11	Alteration of Epigenetic Regulation by Long Noncoding RNAs in Cancer. <i>International Journal of Molecular Sciences</i> , 2018, 19, 570.	4.1	129
12	Heterochromatin Protein 1 (HP1a) Positively Regulates Euchromatic Gene Expression through RNA Transcript Association and Interaction with hnRNPs in <i>Drosophila</i> . <i>PLoS Genetics</i> , 2009, 5, e1000670.	3.5	128
13	PIN domain of Nob1p is required for D-site cleavage in 20S pre-rRNA. <i>Rna</i> , 2004, 10, 1698-1701.	3.5	110
14	METTL3 regulates WTAP protein homeostasis. <i>Cell Death and Disease</i> , 2018, 9, 796.	6.3	108
15	Interplay Between N6-Methyladenosine (m6A) and Non-coding RNAs in Cell Development and Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 116.	3.7	97
16	Critical Role of c-Myc in Acute Myeloid Leukemia Involving Direct Regulation of miR-26a and Histone Methyltransferase EZH2. <i>Genes and Cancer</i> , 2011, 2, 585-592.	1.9	87
17	Purified Box C/D snoRNPs Are Able To Reproduce Site-Specific 2'-O-Methylation of Target RNA In Vitro. <i>Molecular and Cellular Biology</i> , 2002, 22, 6663-6668.	2.3	84
18	A new molecular network comprising PU.1, interferon regulatory factor proteins and miR-342 stimulates ATRA-mediated granulocytic differentiation of acute promyelocytic leukemia cells. <i>Leukemia</i> , 2009, 23, 856-862.	7.2	82

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19	The Cotranscriptional Assembly of snoRNPs Controls the Biosynthesis of H/ACA snoRNAs in <i>Saccharomyces cerevisiae</i> . <i>Molecular and Cellular Biology</i> , 2005, 25, 5396-5403.	2.3	76
20	Long Non-Coding RNAs: New Players in Hematopoiesis and Leukemia. <i>Frontiers in Medicine</i> , 2015, 2, 23.	2.6	76
21	Non-coding RNAs in muscle differentiation and musculoskeletal disease. <i>Journal of Clinical Investigation</i> , 2016, 126, 2021-2030.	8.2	75
22	ADAR1 is a new target of METTL3 and plays a pro-oncogenic role in glioblastoma by an editing-independent mechanism. <i>Genome Biology</i> , 2021, 22, 51.	8.8	71
23	C/EBP β -p30 protein induces expression of the oncogenic long non-coding RNA UCA1 in acute myeloid leukemia. <i>Oncotarget</i> , 2015, 6, 18534-18544.	1.8	70
24	Functional Analysis of Yeast snoRNA and snRNA 3' End Formation Mediated by Uncoupling of Cleavage and Polyadenylation. <i>Molecular and Cellular Biology</i> , 2002, 22, 1379-1389.	2.3	67
25	Microarray detection of novel nuclear RNA substrates for the exosome. <i>Yeast</i> , 2006, 23, 439-454.	1.7	67
26	The microRNA-26a target E2F7 sustains cell proliferation and inhibits monocytic differentiation of acute myeloid leukemia cells. <i>Cell Death and Disease</i> , 2012, 3, e413-e413.	6.3	67
27	N6-Methyladenosine (m6A): A Promising New Molecular Target in Acute Myeloid Leukemia. <i>Frontiers in Oncology</i> , 2019, 9, 251.	2.8	66
28	Naf1 p is a box H/ACA snoRNP assembly factor. <i>Rna</i> , 2002, 8, 1502-14.	3.5	65
29	The Role of Long Noncoding RNAs in the Epigenetic Control of Gene Expression. <i>ChemMedChem</i> , 2014, 9, 505-510.	3.2	59
30	NFI-A directs the fate of hematopoietic progenitors to the erythroid or granulocytic lineage and controls β -globin and G-CSF receptor expression. <i>Blood</i> , 2009, 114, 1753-1763.	1.4	57
31	Release of U18 snoRNA from its host intron requires interaction of Nop1p with the Rnt1p endonuclease. <i>EMBO Journal</i> , 2001, 20, 6856-6865.	7.8	51
32	In Vivo Identification of Nuclear Factors Interacting with the Conserved Elements of Box C/D Small Nucleolar RNAs. <i>Molecular and Cellular Biology</i> , 1998, 18, 1023-1028.	2.3	47
33	Gene expression profiling identifies a subset of adult T-cell acute lymphoblastic leukemia with myeloid-like gene features and over-expression of miR-223. <i>Haematologica</i> , 2010, 95, 1114-1121.	3.5	45
34	Yeast Rrp14p is required for ribosomal subunit synthesis and for correct positioning of the mitotic spindle during mitosis. <i>Nucleic Acids Research</i> , 2007, 35, 1354-1366.	14.5	39
35	Blockade of EIF5A hypusination limits colorectal cancer growth by inhibiting MYC elongation. <i>Cell Death and Disease</i> , 2020, 11, 1045.	6.3	39
36	Fibrillarin binds directly and specifically to U16 box C/D snoRNA. <i>Rna</i> , 2000, 6, 88-95.	3.5	38

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37	Cic1p/Nsa3p is required for synthesis and nuclear export of 60S ribosomal subunits. <i>Rna</i> , 2003, 9, 1431-1436.	3.5	35
38	The miR-223 host non-coding transcript linc-223 induces IRF4 expression in acute myeloid leukemia by acting as a competing endogenous RNA. <i>Oncotarget</i> , 2016, 7, 60155-60168.	1.8	35
39	N6-Methyladenosine Role in Acute Myeloid Leukaemia. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2345.	4.1	34
40	Argonaute 2 sustains the gene expression program driving human monocytic differentiation of acute myeloid leukemia cells. <i>Cell Death and Disease</i> , 2013, 4, e926-e926.	6.3	33
41	The moonlighting RNA-binding activity of cytosolic serine hydroxymethyltransferase contributes to control compartmentalization of serine metabolism. <i>Nucleic Acids Research</i> , 2019, 47, 4240-4254.	14.5	32
42	Argonaute 2 drives miR-145-5p-dependent gene expression program in breast cancer cells. <i>Cell Death and Disease</i> , 2019, 10, 17.	6.3	28
43	Identity and ranking of colonic mesenchymal stromal cells. <i>Journal of Cellular Physiology</i> , 2012, 227, 3291-3300.	4.1	27
44	LINC00174 is a novel prognostic factor in thymic epithelial tumors involved in cell migration and lipid metabolism. <i>Cell Death and Disease</i> , 2020, 11, 959.	6.3	27
45	Rrp15p, a novel component of pre-ribosomal particles required for 60S ribosome subunit maturation. <i>Rna</i> , 2005, 11, 495-502.	3.5	26
46	New insight into the catalytic -dependent and -independent roles of METTL3 in sustaining aberrant translation in chronic myeloid leukemia. <i>Cell Death and Disease</i> , 2021, 12, 870.	6.3	25
47	Insights into the structure and function of a guide RNP. <i>Nature Structural and Molecular Biology</i> , 2003, 10, 237-239.	8.2	24
48	MicroRNA-Regulated Pathways in Hematological Malignancies: How to Avoid Cells Playing Out of Tune. <i>International Journal of Molecular Sciences</i> , 2013, 14, 20930-20953.	4.1	22
49	Retinoic acid synergizes with the unfolded protein response and oxidative stress to induce cell death in FLT3-ITD+ AML. <i>Blood Advances</i> , 2019, 3, 4155-4160.	5.2	22
50	METTL3-dependent MALAT1 delocalization drives c-Myc induction in thymic epithelial tumors. <i>Clinical Epigenetics</i> , 2021, 13, 173.	4.1	21
51	Role of microRNAs in myeloid differentiation. <i>Biochemical Society Transactions</i> , 2008, 36, 1201-1205.	3.4	19
52	A Novel Mn ⁺⁺ -Dependent Ribonuclease That Functions in U16 SnoRNA Processing in <i>X.Laevis</i> . <i>Biochemical and Biophysical Research Communications</i> , 1997, 233, 514-517.	2.1	15
53	MicroRNAs and Hematopoietic Differentiation. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 2006, 71, 205-210.	1.1	15
54	CEBPA-regulated lncRNAs, new players in the study of acute myeloid leukemia. <i>Journal of Hematology and Oncology</i> , 2014, 7, 69.	17.0	13

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55	Noncoding RNAs in Acute Myeloid Leukemia: From Key Regulators to Clinical Players. <i>Scientifica</i> , 2012, 2012, 1-10.	1.7	10
56	Translational control of polyamine metabolism by CNBP is required for <i>Drosophila</i> locomotor function. <i>ELife</i> , 2021, 10, .	6.0	10
57	MALAT1-dependent hsa_circ_0076611 regulates translation rate in triple-negative breast cancer. <i>Communications Biology</i> , 2022, 5, .	4.4	8
58	Effect of miR-204&211 and RUNX2 control on the fate of human mesenchymal stromal cells. <i>Regenerative Medicine Research</i> , 2017, 5, 2.	2.5	7
59	Self-cleaving motifs are found in close proximity to the sites utilized for U16 snoRNA processing. <i>Gene</i> , 1995, 163, 221-226.	2.2	6
60	Circulating Noncoding RNAs as Clinical Biomarkers. , 2016, , 239-258.		4
61	Regulation of Ribosome Function by RNA Modifications in Hematopoietic Development and Leukemia: It Is Not Only a Matter of m6A. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4755.	4.1	4
62	Role of microRNAs in hematological malignancies. <i>Expert Review of Hematology</i> , 2009, 2, 415-423.	2.2	3
63	Long Non-Coding RNAs in the Cell Fate Determination of Neoplastic Thymic Epithelial Cells. <i>Frontiers in Immunology</i> , 2022, 13, 867181.	4.8	1
64	Biosynthesis of U16 snoRNA in Early Development of <i>X. laevis</i> . <i>Biochemical and Biophysical Research Communications</i> , 1997, 241, 486-490.	2.1	0