

Mattia Forcato

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

10,336
citations

159358

30
h-index

174990

52
g-index

59
all docs

59
docs citations

59
times ranked

17710
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of YAP/TAZ in mechanotransduction. <i>Nature</i> , 2011, 474, 179-183.	13.7	4,288
2	The Hippo Transducer TAZ Confers Cancer Stem Cell-Related Traits on Breast Cancer Cells. <i>Cell</i> , 2011, 147, 759-772.	13.5	1,115
3	Genome-wide association between YAP/TAZ/TEAD and β -catenin at enhancers drives oncogenic growth. <i>Nature Cell Biology</i> , 2015, 17, 1218-1227.	4.6	865
4	IL-7 and IL-15 instruct the generation of human memory stem T cells from naive precursors. <i>Blood</i> , 2013, 121, 573-584.	0.6	455
5	Role of TAZ as Mediator of Wnt Signaling. <i>Cell</i> , 2012, 151, 1443-1456.	13.5	419
6	Muscle insulin sensitivity and glucose metabolism are controlled by the intrinsic muscle clock. <i>Molecular Metabolism</i> , 2014, 3, 29-41.	3.0	324
7	Aerobic glycolysis tunes β -catenin / β -catenin transcriptional activity. <i>EMBO Journal</i> , 2015, 34, 1349-1370.	3.5	306
8	Comparison of computational methods for Hi-C data analysis. <i>Nature Methods</i> , 2017, 14, 679-685.	9.0	301
9	Transcriptional addiction in cancer cells is mediated by YAP/TAZ through BRD4. <i>Nature Medicine</i> , 2018, 24, 1599-1610.	15.2	228
10	SHARP1 suppresses breast cancer metastasis by promoting degradation of hypoxia-inducible factors. <i>Nature</i> , 2012, 487, 380-384.	13.7	213
11	Reprogramming normal cells into tumour precursors requires ECM stiffness and oncogene-mediated changes of cell mechanical properties. <i>Nature Materials</i> , 2020, 19, 797-806.	13.3	140
12	Extracellular matrix mechanical cues regulate lipid metabolism through Lipin-1 and SREBP. <i>Nature Cell Biology</i> , 2019, 21, 338-347.	4.6	135
13	Glucocorticoid receptor signalling activates YAP in breast cancer. <i>Nature Communications</i> , 2017, 8, 14073.	5.8	129
14	Generation of human memory stem T cells after haploidentical T-replete hematopoietic stem cell transplantation. <i>Blood</i> , 2015, 125, 2865-2874.	0.6	119
15	YAP/TAZ activity in stromal cells prevents ageing by controlling cGAS-STING. <i>Nature</i> , 2022, 607, 790-798.	13.7	89
16	MRF4 negatively regulates adult skeletal muscle growth by repressing MEF2 activity. <i>Nature Communications</i> , 2016, 7, 12397.	5.8	88
17	The mutant p53-MDM2 complex controls VEGFA isoforms by recruiting lncRNA MALAT1. <i>EMBO Reports</i> , 2017, 18, 1331-1351.	2.0	78
18	Notch is a direct negative regulator of the DNA-damage response. <i>Nature Structural and Molecular Biology</i> , 2015, 22, 417-424.	3.6	68

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19	Hi-C analysis: from data generation to integration. <i>Biophysical Reviews</i> , 2019, 11, 67-78.	1.5	68
20	Transcription Factor-Directed Re-wiring of Chromatin Architecture for Somatic Cell Nuclear Reprogramming toward trans-Differentiation. <i>Molecular Cell</i> , 2019, 76, 453-472.e8.	4.5	67
21	The Reconstruction of Transcriptional Networks Reveals Critical Genes with Implications for Clinical Outcome of Multiple Myeloma. <i>Clinical Cancer Research</i> , 2011, 17, 7402-7412.	3.2	65
22	The calcineurin-NFAT pathway controls activity-dependent circadian gene expression in slow skeletal muscle. <i>Molecular Metabolism</i> , 2015, 4, 823-833.	3.0	58
23	F-actin dynamics regulates mammalian organ growth and cell fate maintenance. <i>Journal of Hepatology</i> , 2019, 71, 130-142.	1.8	56
24	MCM7 and its hosted miR-25, 93 and 106b cluster elicit YAP/TAZ oncogenic activity in lung cancer. <i>Carcinogenesis</i> , 2017, 38, 64-75.	1.3	52
25	Circulating mucosal-associated invariant T cells identify patients responding to anti-PD-1 therapy. <i>Nature Communications</i> , 2021, 12, 1669.	5.8	48
26	Transcriptional profiling of human bronchial epithelial cell BEAS-2B exposed to diesel and biomass ultrafine particles. <i>BMC Genomics</i> , 2018, 19, 302.	1.2	43
27	Computational methods for the integrative analysis of single-cell data. <i>Briefings in Bioinformatics</i> , 2021, 22, 20-29.	3.2	43
28	Epigenomic landscape of human colorectal cancer unveils an aberrant core of pan-cancer enhancers orchestrated by YAP/TAZ. <i>Nature Communications</i> , 2021, 12, 2340.	5.8	43
29	Dynamic Effects of Topoisomerase I Inhibition on R-Loops and Short Transcripts at Active Promoters. <i>PLoS ONE</i> , 2016, 11, e0147053.	1.1	41
30	Alterations of redox and iron metabolism accompany the development of HIV latency. <i>EMBO Journal</i> , 2020, 39, e102209.	3.5	37
31	Hmgb3 Is Regulated by MicroRNA-206 during Muscle Regeneration. <i>PLoS ONE</i> , 2012, 7, e43464.	1.1	35
32	FGFR2 fusion proteins drive oncogenic transformation of mouse liver organoids towards cholangiocarcinoma. <i>Journal of Hepatology</i> , 2021, 75, 351-362.	1.8	35
33	Single-keratinocyte transcriptomic analyses identify different clonal types and proliferative potential mediated by FOXM1 in human epidermal stem cells. <i>Nature Communications</i> , 2021, 12, 2505.	5.8	31
34	Glycolysis downregulation is a hallmark of HIV latency and sensitizes infected cells to oxidative stress. <i>EMBO Molecular Medicine</i> , 2021, 13, e13901.	3.3	30
35	Comparative genomics revealed key molecular targets to rapidly convert a reference rifamycin-producing bacterial strain into an overproducer by genetic engineering. <i>Metabolic Engineering</i> , 2014, 26, 1-16.	3.6	29
36	Global chromatin conformation differences in the <i>Drosophila</i> dosage compensated chromosome X. <i>Nature Communications</i> , 2019, 10, 5355.	5.8	28

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37	The transcriptional regulator ZNF398 mediates pluripotency and epithelial character downstream of TGF-beta in human PSCs. <i>Nature Communications</i> , 2020, 11, 2364.	5.8	20
38	APTANI2: update of aptamer selection through sequence-structure analysis. <i>Bioinformatics</i> , 2020, 36, 2266-2268.	1.8	19
39	ETV7 regulates breast cancer stem-like cell features by repressing IFN-response genes. <i>Cell Death and Disease</i> , 2021, 12, 742.	2.7	16
40	Microgravity and space radiation inhibit autophagy in human capillary endothelial cells, through either opposite or synergistic effects on specific molecular pathways. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 1.	2.4	16
41	EphB6 Regulates TFEB-Lysosomal Pathway and Survival of Disseminated Indolent Breast Cancer Cells. <i>Cancers</i> , 2021, 13, 1079.	1.7	14
42	Unravelling Heterogeneity of Amplified Human Amniotic Fluid Stem Cells Sub-Populations. <i>Cells</i> , 2021, 10, 158.	1.8	14
43	Computational methods for analyzing genome-wide chromosome conformation capture data. <i>Current Opinion in Biotechnology</i> , 2018, 54, 98-105.	3.3	12
44	GDA, a web-based tool for Genomics and Drugs integrated analysis. <i>Nucleic Acids Research</i> , 2018, 46, W148-W156.	6.5	9
45	MALAT1-dependent hsa_circ_0076611 regulates translation rate in triple-negative breast cancer. <i>Communications Biology</i> , 2022, 5, .	2.0	8
46	ASB2 is a direct target of FLI1 that sustains NF- κ B pathway activation in germinal center-derived diffuse large B-cell lymphoma. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 357.	3.5	7
47	CRITICAL ANALYSIS OF TRANSCRIPTIONAL AND POST-TRANSCRIPTIONAL REGULATORY NETWORKS IN MULTIPLE MYELOMA. , 2009, , 397-408.		5
48	A multifactorial "Consensus Signature"™ by in silico analysis to predict response to neoadjuvant anthracycline-based chemotherapy in triple-negative breast cancer. <i>Npj Breast Cancer</i> , 2015, 1, 15003.	2.3	3
49	Characterization of GECPAR, a noncoding RNA that regulates the transcriptional program of diffuse large B cell lymphoma. <i>Haematologica</i> , 2021, , .	1.7	3
50	Computational Analysis of Hi-C Data. <i>Methods in Molecular Biology</i> , 2021, 2157, 103-125.	0.4	3
51	Differential proteomic profile of leukemic CD34+ progenitor cells from chronic myeloid leukemia patients. <i>Oncotarget</i> , 2018, 9, 21758-21769.	0.8	3
52	A comprehensive molecular and morphological study of the effects of space flight on human capillary endothelial cells: sample quality assessment and preliminary results.. <i>Frontiers in Physiology</i> , 0, 9, .	1.3	3
53	Gene Expression Analysis of T-Cells by Single-Cell RNA-Seq. <i>Methods in Molecular Biology</i> , 2021, 2285, 277-296.	0.4	1
54	Analysis of HiChIP Data. <i>Methods in Molecular Biology</i> , 2022, 2301, 209-234.	0.4	0

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55	Proteomic Profile Of CD34+ Cells From Chronic Myeloid Leukemia Patients and From Normal Donors. Blood, 2013, 122, 2712-2712.	0.6	0
56	Revealing the Generation of Human Memory Stem T Cells in Haploidentical T-Replete Hematopoietic Stem Cell Transplantation. Blood, 2014, 124, 192-192.	0.6	0