Luca Magnani

List of Publications by Year
in descending order

74 papers	3,309 citations	126907 33 h-index	161849 54 g-index
95 all docs	95 docs citations	95 times ranked	6502 citing authors

#	Article	IF	Citations
1	Sex-related Differences in Systemic Sclerosis: A Multicenter Cross-sectional Study From the National Registry of the Italian Society for Rheumatology. Journal of Rheumatology, 2022, 49, 176-185.	2.0	12
2	Systems medicine dissection of chr1q-amp reveals a novel PBX1-FOXM1 axis for targeted therapy in multiple myeloma. Blood, 2022, 139, 1939-1953.	1.4	15
3	Abstract P5-06-04: A multi-omics approach to study the host-microbiota interaction in breast cancer tissue. Cancer Research, 2022, 82, P5-06-04-P5-06-04.	0.9	0
4	Management of Systemic Sclerosis Patients in the COVID-19 Era: The Experience of an Expert Specialist Reference Center. Clinical Medicine Insights: Circulatory, Respiratory and Pulmonary Medicine, 2021, 15, 117954842110013.	0.9	4
5	The many faces of cancer evolution. IScience, 2021, 24, 102403.	4.1	15
6	Anticancer innovative therapy congress: Highlights from the 10th anniversary edition. Cytokine and Growth Factor Reviews, 2021, 59, 1-8.	7.2	4
7	Time-Resolved Profiling Reveals ATF3 as a Novel Mediator of Endocrine Resistance in Breast Cancer. Cancers, 2020, 12, 2918.	3.7	10
8	Mapping the breast cancer metastatic cascade onto ctDNA using genetic and epigenetic clonal tracking. Nature Communications, 2020, 11, 1446.	12.8	28
9	GeDi: applying suffix arrays to increase the repertoire of detectable SNVs in tumour genomes. BMC Bioinformatics, 2020, 21, 45.	2.6	0
10	Small extracellular vesicles deliver miRâ€21 and miRâ€217 as proâ€senescence effectors to endothelial cells. Journal of Extracellular Vesicles, 2020, 9, 1725285.	12.2	104
11	Gitelman syndrome associated with chondrocalcinosis and severe neuropathy: a novel heterozygous mutation in SLC12A3 gene. Reumatismo, 2020, 72, 67-70.	0.9	5
12	Exploiting evolutionary steering to induce collateral drug sensitivity in cancer. Nature Communications, 2020, 11, 1923.	12.8	79
13	Abstract PD8-04: Ultra-deep multigene profiling of matched primary and metastatic hormone receptor positive breast cancer patients relapsed after adjuvant endocrine treatment reveals novel aberrations in the estrogen receptor pathway. , 2020, , .		1
14	Single-cell transcriptomics reveals multi-step adaptations to endocrine therapy. Nature Communications, 2019, 10, 3840.	12.8	93
15	SREBP1 drives Keratin-80-dependent cytoskeletal changes and invasive behavior in endocrine-resistant ERÎ± breast cancer. Nature Communications, 2019, 10, 2115.	12.8	42
16	FOXM1 modulates 5-FU resistance in colorectal cancer through regulating TYMS expression. Scientific Reports, 2019, 9, 1505.	3.3	96
17	High-resolution label-free 3D mapping of extracellular pH of single living cells. Nature Communications, 2019, 10, 5610.	12.8	62
18	Dickkopf-3 links HSF1 and YAP/TAZ signalling to control aggressive behaviours in cancer-associated fibroblasts. Nature Communications, 2019, 10, 130.	12.8	116

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19	PBX1 Co-Operates with FOXM1 to Regulate Myeloma Cell Proliferation and to Define an Ultra High-Risk chr1q Gain Myeloma Patient Subgroup. Blood, 2019, 134, 3760-3760.	1.4	0
20	Extensive and systematic rewiring of histone post-translational modifications in cancer model systems. Nucleic Acids Research, 2018, 46, 3817-3832.	14.5	31
21	Chromatin Immunoprecipitation and High-Throughput Sequencing (ChIP-Seq): Tips and Tricks Regarding the Laboratory Protocol and Initial Downstream Data Analysis. Methods in Molecular Biology, 2018, 1767, 271-288.	0.9	2
22	Enhancer mapping uncovers phenotypic heterogeneity and evolution in patients with luminal breast cancer. Nature Medicine, 2018, 24, 1469-1480.	30.7	98
23	TGF-Î² induces miR-100 and miR-125b but blocks let-7a through LIN28B controlling PDAC progression. Nature Communications, 2018, 9, 1845.	12.8	101
24	Acquired CYP19A1 amplification is an early specific mechanism of aromatase inhibitor resistance in ERÎ± metastatic breast cancer. Nature Genetics, 2017, 49, 444-450.	21.4	77
25	Fundamental Pathways in Breast Cancer 3: Estrogen Biology. , 2017, , 19-26.		0
26	Genomic modelling of the ESR1 Y537S mutation for evaluating function and new therapeutic approaches for metastatic breast cancer. Oncogene, 2017, 36, 2286-2296.	5.9	135
27	Histone Posttranslational Modifications in Breast Cancer and Their Use in Clinical Diagnosis and Prognosis. , 2016, , 467-477.		0
28	Molecular Insights of Pathways Resulting from Two Common PIK3CA Mutations in Breast Cancer. Cancer Research, 2016, 76, 3989-4001.	0.9	27
29	Guidelines for the selection of functional assays to evaluate the hallmarks of cancer. Biochimica Et Biophysica Acta: Reviews on Cancer, 2016, 1866, 300-319.	7.4	89
30	Expression of CDK7, Cyclin H, and MAT1 Is Elevated in Breast Cancer and Is Prognostic in Estrogen Receptorâ€"Positive Breast Cancer. Clinical Cancer Research, 2016, 22, 5929-5938.	7.0	66
31	Going off the grid: ERÎ± breast cancer beyond estradiol. Journal of Molecular Endocrinology, 2016, 57, F1-F5.	2.5	2
32	Spearhead Nanometric Field-Effect Transistor Sensors for Single-Cell Analysis. ACS Nano, 2016, 10, 3214-3221.	14.6	95
33	ChIP-BIT: Bayesian inference of target genes using a novel joint probabilistic model of ChIP-seq profiles. Nucleic Acids Research, 2016, 44, e65-e65.	14.5	15
34	Stem Cells in Translational Cancer Research. Stem Cells International, 2015, 2015, 1-2.	2.5	0
35	LMTK3 Represses Tumor Suppressor-like Genes through Chromatin Remodeling in Breast Cancer. Cell Reports, 2015, 12, 837-849.	6.4	21
36	APOBEC3B-Mediated Cytidine Deamination Is Required for Estrogen Receptor Action in Breast Cancer. Cell Reports, 2015, 13, 108-121.	6.4	105

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37	Differential epigenetic reprogramming in response to specific endocrine therapies promotes cholesterol biosynthesis and cellular invasion. Nature Communications, 2015, 6, 10044.	12.8	108
38	DMXL2 drives epithelial to mesenchymal transition in hormonal therapy resistant breast cancer through notch hyper-activation. Oncotarget, 2015, 6, 22467-22479.	1.8	33
39	The pioneer factor PBX1 is a novel driver of metastatic progression in ERα-positive breast cancer. Oncotarget, 2015, 6, 21878-21891.	1.8	45
40	Chromatin and Epigenetic Determinants of Resistance to Aromatase Inhibitors. Resistance To Targeted Anti-cancer Therapeutics, 2015, , 145-168.	0.1	0
41	Abstract A54: Inhibition of FOXM1 by thiostrepton increases sensitivity to 5-fluorouracil (5-FU) by downregulating thymidylate synthase (TS) in colorectal cancer. , 2015, , .		0
42	Abstract P3-05-15: Divergent activation of AKT1 and AKT2 isoforms downstream of PI3K mutation impacts response of breast cancer cells to estradiol and PI3K inhibitors. , 2015, , .		0
43	Nuclear receptors and chromatin: an inducible couple. Journal of Molecular Endocrinology, 2014, 52, R137-R149.	2.5	36
44	The transcriptional co-repressor TLE3 suppresses basal signaling on a subset of estrogen receptor α target genes. Nucleic Acids Research, 2014, 42, 11339-11348.	14.5	26
45	Nicastrin and Notch4 drive endocrine therapy resistance and epithelial to mesenchymal transition in MCF7 breast cancer cells. Breast Cancer Research, 2014, 16, R62.	5.0	66
46	LRH-1 Governs Vital Transcriptional Programs in Endocrine-Sensitive and -Resistant Breast Cancer Cells. Cancer Research, 2014, 74, 2015-2025.	0.9	48
47	Poised epigenetic states and acquired drug resistance in cancer. Nature Reviews Cancer, 2014, 14, 747-753.	28.4	252
48	Chromatin and epigenetic determinants of estrogen receptor alpha (ESR1) signaling. Molecular and Cellular Endocrinology, 2014, 382, 633-641.	3.2	53
49	Abstract LB-220: Forkhead box transciption factor M1 (FOXM1) plays a critical role in colorectal cancer resistance by regulating thymidylate synthase (TS). , 2014, , .		0
50	Genome-wide reprogramming of the chromatin landscape underlies endocrine therapy resistance in breast cancer. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E1490-9.	7.1	149
51	KPNA7, an oocyte- and embryo-specific karyopherin?subtype, is required for porcine embryo development. Reproduction, Fertility and Development, 2012, 24, 382.	0.4	35
52	ChIPing away at breast cancer. Lancet Oncology, The, 2012, 13, 1185-1187.	10.7	5
53	Chromatin landscape and endocrine response in breast cancer. Epigenomics, 2012, 4, 675-683.	2.1	14
54	Identification of PBX1 Target Genes in Cancer Cells by Global Mapping of PBX1 Binding Sites. PLoS ONE, 2012, 7, e36054.	2.5	40

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55	Pioneer factors: directing transcriptional regulators within the chromatin environment. Trends in Genetics, 2011, 27, 465-474.	6.7	138
56	PBX1 Genomic Pioneer Function Drives ERÎ± Signaling Underlying Progression in Breast Cancer. PLoS Genetics, 2011, 7, e1002368.	3.5	167
57	Global H3K9 dimethylation status is not affected by transcription, translation, or DNA replication in porcine zygotes. Molecular Reproduction and Development, 2010, 77, 420-429.	2.0	10
58	The MIPAS2D database of MIPAS/ENVISAT measurements retrieved with a multi-target 2-dimensional tomographic approach. Atmospheric Measurement Techniques, 2010, 3, 355-374.	3.1	46
59	Brg1 Is Required for Cdx2-Mediated Repression of Oct4 Expression in Mouse Blastocysts. PLoS ONE, 2010, 5, e10622.	2.5	53
60	Manipulation of SMARCA2 and SMARCA4 transcript levels in porcine embryos differentially alters development and expression of SMARCA1, SOX2, NANOG, and EIF1. Reproduction, 2009, 137, 23-33.	2.6	21
61	Gene expression and development of early pig embryos produced by serial nuclear transfer. Molecular Reproduction and Development, 2009, 76, 555-563.	2.0	19
62	Differential remodeling of monoâ€•and trimethylated H3K27 during porcine embryo development. Molecular Reproduction and Development, 2009, 76, 1033-1042.	2.0	43
63	Two-dimensional sensitivity analysis of MIPAS observations. Optics Express, 2009, 17, 5340.	3.4	12
64	Developmental capacity of porcine nuclear transfer embryos correlate with levels of chromatinâ€•remodeling transcripts in donor cells. Molecular Reproduction and Development, 2008, 75, 766-776.	2.0	7
65	In vitro and in vivo derived porcine embryos possess similar, but not identical, patterns of Oct4, Nanog, and Sox2 mRNA expression during cleavage development. Molecular Reproduction and Development, 2008, 75, 1726-1735.	2.0	52
66	Expression of eukaryotic elongation initiation factor 1A differentially marks zygotic genome activation in biparental and parthenogenetic porcine embryos and correlates with in vitro developmental potential. Reproduction, Fertility and Development, 2008, 20, 818.	0.4	23
67	MARC: A code for the retrieval of atmospheric parameters from millimeter-wave limb measurements. Journal of Quantitative Spectroscopy and Radiative Transfer, 2007, 105, 476-491.	2.3	33
68	Developmental arrest induced in cleavage stage porcine embryos following microinjection of mRNA encodingBrahma (Smarca 2), a chromatin remodeling protein. Molecular Reproduction and Development, 2007, 74, 1262-1267.	2.0	11
69	GMTR: Two-dimensional geo-fit multitarget retrieval model for Michelson Interferometer for Passive Atmospheric Sounding/Environmental Satellite observations. Applied Optics, 2006, 45, 716.	2.1	67
70	Multi-target retrieval (MTR): the simultaneous retrieval of pressure, temperature and volume mixing ratio profiles from limb-scanning atmospheric measurements. Journal of Quantitative Spectroscopy and Radiative Transfer, 2004, 84, 141-157.	2.3	32
71	First results of MIPAS/ENVISAT with operational Level 2 code. Advances in Space Research, 2004, 33, 1012-1019.	2.6	51
72	MIPAS-ENVISAT limb-sounding measurements: trade-off study for improvement of horizontal resolution. Applied Optics, 2004, 43, 5814.	2.1	19

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73	Level 2 near-real-time analysis of MIPAS measurements on ENVISAT. , 2003, , .		4
74	Geo-fit approach to the analysis of limb-scanning satellite measurements. , 2002, 4539, 369.		0