Michael A Mancini

List of Publications by Year
in descending order

57 papers	5,058 citations	257450 24 h-index	175258 52 g-index
58 all docs	58 docs citations	58 times ranked	7608 citing authors

#	Article	IF	Citations
1	Mitosis-specific phosphorylation of histone H3 initiates primarily within pericentromeric heterochromatin during G2 and spreads in an ordered fashion coincident with mitotic chromosome condensation. Chromosoma, 1997, 106, 348-360.	2.2	1,679
2	Chaperone suppression of aggregation and altered subcellular proteasome localization imply protein misfolding in SCA1. Nature Genetics, 1998, 19, 148-154.	21.4	802
3	Mutual regulation of tumour vessel normalization and immunostimulatory reprogramming. Nature, 2017, 544, 250-254.	27.8	555
4	FRAP reveals that mobility of oestrogen receptor-Î± is ligand- and proteasome-dependent. Nature Cell Biology, 2001, 3, 15-23.	10.3	373
5	Ligand-Mediated Assembly and Real-Time Cellular Dynamics of Estrogen Receptor Î±-Coactivator Complexes in Living Cells. Molecular and Cellular Biology, 2001, 21, 4404-4412.	2.3	141
6	Enhancer RNA m6A methylation facilitates transcriptional condensate formation and gene activation. Molecular Cell, 2021, 81, 3368-3385.e9.	9.7	135
7	The cenpB gene is not essential in mice. Chromosoma, 1998, 107, 570-576.	2.2	131
8	Estrogen-receptor-Î± exchange and chromatin dynamics are ligand- and domain-dependent. Journal of Cell Science, 2006, 119, 4101-4116.	2.0	101
9	Structural Insights of Transcriptionally Active, Full-Length Androgen Receptor Coactivator Complexes. Molecular Cell, 2020, 79, 812-823.e4.	9.7	94
10	The Epidermal Growth Factor Receptor Critically Regulates Endometrial Function during Early Pregnancy. PLoS Genetics, 2014, 10, e1004451.	3.5	83
11	Characterization of a Steroid Receptor Coactivator Small Molecule Stimulator that Overstimulates Cancer Cells and Leads to Cell Stress and Death. Cancer Cell, 2015, 28, 240-252.	16.8	69
12	Bacteria-to-Human Protein Networks Reveal Origins of Endogenous DNA Damage. Cell, 2019, 176, 127-143.e24.	28.9	69
13	Inhibition of the hexosamine biosynthetic pathway promotes castration-resistant prostate cancer. Nature Communications, 2016, 7, 11612.	12.8	66
14	Defining Estrogenic Mechanisms of Bisphenol A Analogs through High Throughput Microscopy-Based Contextual Assays. Chemistry and Biology, 2014, 21, 743-753.	6.0	58
15	Functional subnuclear partitioning of transcription factors. Journal of Cellular Biochemistry, 1998, 70, 213-221.	2.6	49
16	Validation Studies for Single Circulating Trophoblast Genetic Testing as a Form of Noninvasive Prenatal Diagnosis. American Journal of Human Genetics, 2019, 105, 1262-1273.	6.2	47
17	Subnuclear partitioning and functional regulation of the Pit-1 transcription factor. , 1999, 72, 322-338.		45
18	CARM1 methylates MED12 to regulate its RNA-binding ability. Life Science Alliance, 2018, 1, e201800117.	2.8	43

#	Article	IF	Citations
19	The SINEB1 element in the long non-coding RNA Malat1 is necessary for TDP-43 proteostasis. Nucleic Acids Research, 2020, 48, 2621-2642.	14.5	40
20	Characterizing properties of non-estrogenic substituted bisphenol analogs using high throughput microscopy and image analysis. PLoS ONE, 2017, 12, e0180141.	2.5	37
21	Measuring Mobility in Chromatin by Intensity-Sorted FCS. Biophysical Journal, 2019, 116, 987-999.	0.5	37
22	Bone-in-culture array as a platform to model early-stage bone metastases and discover anti-metastasis therapies. Nature Communications, 2017, 8, 15045.	12.8	34
23	The mammalian centromere: structural domains and the attenuation of chromatin modeling. FASEB Journal, 1999, 13, S216-20.	0.5	33
24	Acquisition of Cisplatin Resistance Shifts Head and Neck Squamous Cell Carcinoma Metabolism toward Neutralization of Oxidative Stress. Cancers, 2020, 12, 1670.	3.7	33
25	Dynamic continuity of nuclear and mitotic matrix proteins in the cell cycle. Journal of Cellular Biochemistry, 1996, 62, 158-164.	2.6	26
26	The Germ Cell Gene TDRD1 as an ERG Target Gene and a Novel Prostate Cancer Biomarker. Prostate, 2016, 76, 1271-1284.	2.3	26
27	Tributyltin chloride (TBT) induces RXRA down-regulation and lipid accumulation in human liver cells. PLoS ONE, 2019, 14, e0224405.	2.5	23
28	Subnuclear dynamics and transcription factor function. Journal of Cellular Biochemistry, 2000, 79, 99-106.	2.6	21
29	Highâ€Content Screening Identifies Src Family Kinases as Potential Regulators of ARâ€V7 Expression and Androgenâ€Independent Cell Growth. Prostate, 2017, 77, 82-93.	2.3	21
30	The myImageAnalysis Project: A Web-Based Application for High-Content Screening. Assay and Drug Development Technologies, 2014, 12, 87-99.	1.2	20
31	CUDC-101, a Novel Inhibitor of Full-Length Androgen Receptor (flAR) and Androgen Receptor Variant 7 (AR-V7) Activity: Mechanism of Action and In Vivo Efficacy. Hormones and Cancer, 2016, 7, 196-210.	4.9	20
32	High throughput microscopy identifies bisphenol AP, a bisphenol A analog, as a novel AR down-regulator. Oncotarget, 2016, 7, 16962-16974.	1.8	18
33	Differential Regulation of Progesterone Receptor-Mediated Transcription by CDK2 and DNA-PK. Molecular Endocrinology, 2016, 30, 158-172.	3.7	16
34	Estrogen-induced transcription at individual alleles is independent of receptor level and active conformation but can be modulated by coactivators activity. Nucleic Acids Research, 2020, 48, 1800-1810.	14.5	15
35	Unique cellular protrusions mediate breast cancer cell migration by tethering to osteogenic cells. Npj Breast Cancer, 2020, 6, 42.	5.2	14
36	Classification of estrogenic compounds by coupling high content analysis and machine learning algorithms. PLoS Computational Biology, 2020, 16, e1008191.	3.2	11

#	Article	IF	Citations
37	Unraveling the regulatory connections between two controllers of breast cancer cell fate. Nucleic Acids Research, 2014, 42, 6839-6849.	14.5	10
38	Ubc9 Impairs Activation of the Brown Fat Energy Metabolism Program in Human White Adipocytes. Molecular Endocrinology, 2015, 29, 1320-1333.	3.7	10
39	Leveraging Image-Derived Phenotypic Measurements for Drug-Target Interaction Predictions. Cancer Informatics, 2019, 18, 117693511985659.	1.9	7
40	Steroid Receptor Coactivator-2 Controls the Pentose Phosphate Pathway through RPIA in Human Endometrial Cancer Cells. Scientific Reports, 2018, 8, 13134.	3.3	6
41	Quality Control for Single Cell Imaging Analytics Using Endocrine Disruptor-Induced Changes in Estrogen Receptor Expression. Environmental Health Perspectives, 2022, 130, 27008.	6.0	6
42	Use of HCA in subproteome-immunization and screening of hybridoma supernatants to define distinct antibody binding patterns. Methods, 2016, 96, 75-84.	3.8	5
43	Therapeutically actionable signaling node to rescue AURKA driven loss of primary cilia in VHL-deficient cells. Scientific Reports, 2021, 11, 10461.	3.3	5
44	Single-Cell Distribution Analysis of AR Levels by High-Throughput Microscopy in Cell Models: Application for Testing Endocrine-Disrupting Chemicals. SLAS Discovery, 2020, 25, 684-694.	2.7	4
45	Development of the Texas A&M Superfund Research Program Computational Platform for Data Integration, Visualization, and Analysis. Computer Aided Chemical Engineering, 2019, 46, 967-972.	0.5	3
46	A Mechanistic High-Content Analysis Assay Using a Chimeric Androgen Receptor That Rapidly Characterizes Androgenic Chemicals. SLAS Discovery, 2020, 25, 695-708.	2.7	3
47	Predicting the Estrogen Receptor Activity of Environmental Chemicals by Single-Cell Image Analysis and Data-driven Modeling. Computer Aided Chemical Engineering, 2021, 50, 481-486.	0.5	3
48	Endocrine disrupting chemicals differentially alter intranuclear dynamics and transcriptional activation of estrogen receptor-Î±. IScience, 2021, 24, 103227.	4.1	3
49	Abstract PD3-09:HER2 L755Smutation is acquired upon resistance to lapatinib and neratinib and confers cross-resistance to tucatinib and trastuzumab in HER2-positive breast cancer cell models. , 2021, , .		2
50	Identification of celastrol as a novel HIV-1 latency reversal agent by an image-based screen. PLoS ONE, 2021, 16, e0244771.	2.5	1
51	Dynamic continuity of nuclear and mitotic matrix proteins in the cell cycle. Journal of Cellular Biochemistry, 1996, 62, 158-164.	2.6	1
52	Subnuclear dynamics and transcription factor function. , 2000, 79, 99.		1
53	Single Cell Analysis Of Transcriptionally Active Alleles By Single Molecule FISH. Journal of Visualized Experiments, 2020, , .	0.3	1
54	Abstract PD8-06: Acquired resistance to tucatinib is associated with EGFR amplification in HER2+ breast cancer (BC) models and can be overcome by a more complete blockade of HER receptor layer. Cancer Research, 2022, 82, PD8-06-PD8-06.	0.9	1

#	Article	IF	Citations
55	Abstract P4-01-01: Resistance to next generation tyrosine kinase inhibitors (TKIs) in HER2-positive breast cancer (BC): Role of HER and PIK3CA mutations and development of new treatment strategies and study models. Cancer Research, 2022, 82, P4-01-01-P4-01-01.	0.9	1
56	Transcription and the Navigation of Nuclear Space. Microscopy and Microanalysis, 2003, 9, 1202-1203.	0.4	0
57	PDTM-23. CD57 DEFINES A NOVEL MARKER OF GLIOBLASTOMA STEM CELLS THAT DRIVES THE INVASION OF GBM. Neuro-Oncology, 2018, 20, vi208-vi209.	1.2	0