

# Michael A Mancini

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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. <i>Cancer Research</i> , 2022, 82, PD8-06-PD8-06.	0.9	1
2	Quality Control for Single Cell Imaging Analytics Using Endocrine Disruptor-Induced Changes in Estrogen Receptor Expression. <i>Environmental Health Perspectives</i> , 2022, 130, 27008.	6.0	6
3	Abstract P4-01-01: Resistance to next generation tyrosine kinase inhibitors (TKIs) in HER2-positive breast cancer (BC): Role of <i>HER</i> and <i>PIK3CA</i> mutations and development of new treatment strategies and study models. <i>Cancer Research</i> , 2022, 82, P4-01-01-P4-01-01.	0.9	1
4	Predicting the Estrogen Receptor Activity of Environmental Chemicals by Single-Cell Image Analysis and Data-driven Modeling. <i>Computer Aided Chemical Engineering</i> , 2021, 50, 481-486.	0.5	3
5	Abstract PD3-09:HER2 L755S mutation 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
6	Identification of celastrol as a novel HIV-1 latency reversal agent by an image-based screen. <i>PLoS ONE</i> , 2021, 16, e0244771.	2.5	1
7	Therapeutically actionable signaling node to rescue AURKA driven loss of primary cilia in VHL-deficient cells. <i>Scientific Reports</i> , 2021, 11, 10461.	3.3	5
8	Enhancer RNA m6A methylation facilitates transcriptional condensate formation and gene activation. <i>Molecular Cell</i> , 2021, 81, 3368-3385.e9.	9.7	135
9	Endocrine disrupting chemicals differentially alter intranuclear dynamics and transcriptional activation of estrogen receptor- $\alpha$ . <i>IScience</i> , 2021, 24, 103227.	4.1	3
10	The SINEB1 element in the long non-coding RNA Malat1 is necessary for TDP-43 proteostasis. <i>Nucleic Acids Research</i> , 2020, 48, 2621-2642.	14.5	40
11	Structural Insights of Transcriptionally Active, Full-Length Androgen Receptor Coactivator Complexes. <i>Molecular Cell</i> , 2020, 79, 812-823.e4.	9.7	94
12	Unique cellular protrusions mediate breast cancer cell migration by tethering to osteogenic cells. <i>Npj Breast Cancer</i> , 2020, 6, 42.	5.2	14
13	A Mechanistic High-Content Analysis Assay Using a Chimeric Androgen Receptor That Rapidly Characterizes Androgenic Chemicals. <i>SLAS Discovery</i> , 2020, 25, 695-708.	2.7	3
14	Single-Cell Distribution Analysis of AR Levels by High-Throughput Microscopy in Cell Models: Application for Testing Endocrine-Disrupting Chemicals. <i>SLAS Discovery</i> , 2020, 25, 684-694.	2.7	4
15	Acquisition of Cisplatin Resistance Shifts Head and Neck Squamous Cell Carcinoma Metabolism toward Neutralization of Oxidative Stress. <i>Cancers</i> , 2020, 12, 1670.	3.7	33
16	Estrogen-induced transcription at individual alleles is independent of receptor level and active conformation but can be modulated by coactivators activity. <i>Nucleic Acids Research</i> , 2020, 48, 1800-1810.	14.5	15
17	Classification of estrogenic compounds by coupling high content analysis and machine learning algorithms. <i>PLoS Computational Biology</i> , 2020, 16, e1008191.	3.2	11
18	Single Cell Analysis Of Transcriptionally Active Alleles By Single Molecule FISH. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	1

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19	Development of the Texas A&M Superfund Research Program Computational Platform for Data Integration, Visualization, and Analysis. <i>Computer Aided Chemical Engineering</i> , 2019, 46, 967-972.	0.5	3
20	Tributyltin chloride (TBT) induces RXRA down-regulation and lipid accumulation in human liver cells. <i>PLoS ONE</i> , 2019, 14, e0224405.	2.5	23
21	Leveraging Image-Derived Phenotypic Measurements for Drug-Target Interaction Predictions. <i>Cancer Informatics</i> , 2019, 18, 117693511985659.	1.9	7
22	Measuring Mobility in Chromatin by Intensity-Sorted FCS. <i>Biophysical Journal</i> , 2019, 116, 987-999.	0.5	37
23	Validation Studies for Single Circulating Trophoblast Genetic Testing as a Form of Noninvasive Prenatal Diagnosis. <i>American Journal of Human Genetics</i> , 2019, 105, 1262-1273.	6.2	47
24	Bacteria-to-Human Protein Networks Reveal Origins of Endogenous DNA Damage. <i>Cell</i> , 2019, 176, 127-143.e24.	28.9	69
25	PDTM-23. CD57 DEFINES A NOVEL MARKER OF GLIOBLASTOMA STEM CELLS THAT DRIVES THE INVASION OF GBM. <i>Neuro-Oncology</i> , 2018, 20, vi208-vi209.	1.2	0
26	Steroid Receptor Coactivator-2 Controls the Pentose Phosphate Pathway through RPIA in Human Endometrial Cancer Cells. <i>Scientific Reports</i> , 2018, 8, 13134.	3.3	6
27	CARM1 methylates MED12 to regulate its RNA-binding ability. <i>Life Science Alliance</i> , 2018, 1, e201800117.	2.8	43
28	Bone-in-culture array as a platform to model early-stage bone metastases and discover anti-metastasis therapies. <i>Nature Communications</i> , 2017, 8, 15045.	12.8	34
29	Mutual regulation of tumour vessel normalization and immunostimulatory reprogramming. <i>Nature</i> , 2017, 544, 250-254.	27.8	555
30	High-Content Screening Identifies Src Family Kinases as Potential Regulators of ARV7 Expression and Androgen-Independent Cell Growth. <i>Prostate</i> , 2017, 77, 82-93.	2.3	21
31	Characterizing properties of non-estrogenic substituted bisphenol analogs using high throughput microscopy and image analysis. <i>PLoS ONE</i> , 2017, 12, e0180141.	2.5	37
32	High throughput microscopy identifies bisphenol AP, a bisphenol A analog, as a novel AR down-regulator. <i>Oncotarget</i> , 2016, 7, 16962-16974.	1.8	18
33	The Germ Cell Gene TDRD1 as an ERG Target Gene and a Novel Prostate Cancer Biomarker. <i>Prostate</i> , 2016, 76, 1271-1284.	2.3	26
34	Differential Regulation of Progesterone Receptor-Mediated Transcription by CDK2 and DNA-PK. <i>Molecular Endocrinology</i> , 2016, 30, 158-172.	3.7	16
35	Inhibition of the hexosamine biosynthetic pathway promotes castration-resistant prostate cancer. <i>Nature Communications</i> , 2016, 7, 11612.	12.8	66
36	Use of HCA in subproteome-immunization and screening of hybridoma supernatants to define distinct antibody binding patterns. <i>Methods</i> , 2016, 96, 75-84.	3.8	5

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37	CUDC-101, a Novel Inhibitor of Full-Length Androgen Receptor (fAR) and Androgen Receptor Variant 7 (AR-V7) Activity: Mechanism of Action and In Vivo Efficacy. <i>Hormones and Cancer</i> , 2016, 7, 196-210.	4.9	20
38	Characterization of a Steroid Receptor Coactivator Small Molecule Stimulator that Overstimulates Cancer Cells and Leads to Cell Stress and Death. <i>Cancer Cell</i> , 2015, 28, 240-252.	16.8	69
39	Ubc9 Impairs Activation of the Brown Fat Energy Metabolism Program in Human White Adipocytes. <i>Molecular Endocrinology</i> , 2015, 29, 1320-1333.	3.7	10
40	The myImageAnalysis Project: A Web-Based Application for High-Content Screening. <i>Assay and Drug Development Technologies</i> , 2014, 12, 87-99.	1.2	20
41	The Epidermal Growth Factor Receptor Critically Regulates Endometrial Function during Early Pregnancy. <i>PLoS Genetics</i> , 2014, 10, e1004451.	3.5	83
42	Unraveling the regulatory connections between two controllers of breast cancer cell fate. <i>Nucleic Acids Research</i> , 2014, 42, 6839-6849.	14.5	10
43	Defining Estrogenic Mechanisms of Bisphenol A Analogs through High Throughput Microscopy-Based Contextual Assays. <i>Chemistry and Biology</i> , 2014, 21, 743-753.	6.0	58
44	Estrogen-receptor- $\beta$ exchange and chromatin dynamics are ligand- and domain-dependent. <i>Journal of Cell Science</i> , 2006, 119, 4101-4116.	2.0	101
45	Transcription and the Navigation of Nuclear Space. <i>Microscopy and Microanalysis</i> , 2003, 9, 1202-1203.	0.4	0
46	FRAP reveals that mobility of oestrogen receptor- $\beta$ is ligand- and proteasome-dependent. <i>Nature Cell Biology</i> , 2001, 3, 15-23.	10.3	373
47	Ligand-Mediated Assembly and Real-Time Cellular Dynamics of Estrogen Receptor $\beta$ -Coactivator Complexes in Living Cells. <i>Molecular and Cellular Biology</i> , 2001, 21, 4404-4412.	2.3	141
48	Subnuclear dynamics and transcription factor function. <i>Journal of Cellular Biochemistry</i> , 2000, 79, 99-106.	2.6	21
49	Subnuclear dynamics and transcription factor function. , 2000, 79, 99.		1
50	The mammalian centromere: structural domains and the attenuation of chromatin modeling. <i>FASEB Journal</i> , 1999, 13, S216-20.	0.5	33
51	Subnuclear partitioning and functional regulation of the Pit-1 transcription factor. , 1999, 72, 322-338.		45
52	Chaperone suppression of aggregation and altered subcellular proteasome localization imply protein misfolding in SCA1. <i>Nature Genetics</i> , 1998, 19, 148-154.	21.4	802
53	Functional subnuclear partitioning of transcription factors. <i>Journal of Cellular Biochemistry</i> , 1998, 70, 213-221.	2.6	49
54	The cenpB gene is not essential in mice. <i>Chromosoma</i> , 1998, 107, 570-576.	2.2	131

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55	Mitosis-specific phosphorylation of histone H3 initiates primarily within pericentromeric heterochromatin during G2 and spreads in an ordered fashion coincident with mitotic chromosome condensation. <i>Chromosoma</i> , 1997, 106, 348-360.	2.2	1,679
56	Dynamic continuity of nuclear and mitotic matrix proteins in the cell cycle. <i>Journal of Cellular Biochemistry</i> , 1996, 62, 158-164.	2.6	26
57	Dynamic continuity of nuclear and mitotic matrix proteins in the cell cycle. <i>Journal of Cellular Biochemistry</i> , 1996, 62, 158-164.	2.6	1