

Mauro A Castro

List of Publications by Citations

Source: <https://exaly.com/author-pdf/9547432/mauro-a-castro-publications-by-citations.pdf>

Version: 2024-04-18

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

67

papers

2,986

citations

21

h-index

54

g-index

73

ext. papers

4,310

ext. citations

8.1

avg, IF

4.29

L-index

#	Paper	IF	Citations
67	Comprehensive Molecular Characterization of Muscle-Invasive Bladder Cancer. <i>Cell</i> , 2017 , 171, 540-556. e252	33.3	961
66	The chromatin accessibility landscape of primary human cancers. <i>Science</i> , 2018 , 362,	33.3	392
65	A Consensus Molecular Classification of Muscle-invasive Bladder Cancer. <i>European Urology</i> , 2020 , 77, 420-433	10.2	309
64	Master regulators of FGFR2 signalling and breast cancer risk. <i>Nature Communications</i> , 2013 , 4, 2464	17.4	128
63	Regulators of genetic risk of breast cancer identified by integrative network analysis. <i>Nature Genetics</i> , 2016 , 48, 12-21	36.3	100
62	RedeR: R/Bioconductor package for representing modular structures, nested networks and multiple levels of hierarchical associations. <i>Genome Biology</i> , 2012 , 13, R29	18.3	60
61	CFL1 expression levels as a prognostic and drug resistance marker in nonsmall cell lung cancer. <i>Cancer</i> , 2010 , 116, 3645-55	6.4	51
60	Cholinergic Differentiation of Human Neuroblastoma SH-SY5Y Cell Line and Its Potential Use as an In vitro Model for Alzheimer's Disease Studies. <i>Molecular Neurobiology</i> , 2019 , 56, 7355-7367	6.2	48
59	miRNA-21 and miRNA-34a Are Potential Minimally Invasive Biomarkers for the Diagnosis of Pancreatic Ductal Adenocarcinoma. <i>Pancreas</i> , 2016 , 45, 84-92	2.6	46
58	An analysis of the global expression of microRNAs in an experimental model of physiological left ventricular hypertrophy. <i>PLoS ONE</i> , 2014 , 9, e93271	3.7	42
57	ER Binding by Transcription Factors NFIB and YBX1 Enables FGFR2 Signaling to Modulate Estrogen Responsiveness in Breast Cancer. <i>Cancer Research</i> , 2018 , 78, 410-421	10.1	37
56	ViaComplex: software for landscape analysis of gene expression networks in genomic context. <i>Bioinformatics</i> , 2009 , 25, 1468-9	7.2	35
55	Gompertzian growth pattern correlated with phenotypic organization of colon carcinoma, malignant glioma and non-small cell lung carcinoma cell lines. <i>Cell Proliferation</i> , 2003 , 36, 65-73	7.9	35
54	Identification of Differential Tumor Subtypes of T1 Bladder Cancer. <i>European Urology</i> , 2020 , 78, 533-537	10.2	32
53	FGFR2 risk SNPs confer breast cancer risk by augmenting oestrogen responsiveness. <i>Carcinogenesis</i> , 2016 , 37, 741-750	4.6	28
52	Integrated Transcriptomics Establish Macrophage Polarization Signatures and have Potential Applications for Clinical Health and Disease. <i>Scientific Reports</i> , 2015 , 5, 13351	4.9	28
51	A systematic review of human antioxidant genes. <i>Frontiers in Bioscience - Landmark</i> , 2009 , 14, 4457-63	2.8	28

50	RA Differentiation Enhances Dopaminergic Features, Changes Redox Parameters, and Increases Dopamine Transporter Dependency in 6-Hydroxydopamine-Induced Neurotoxicity in SH-SY5Y Cells. <i>Neurotoxicity Research</i> , 2017 , 31, 545-559	4.3	27
49	Cannabidiol Exposure During Neuronal Differentiation Sensitizes Cells Against Redox-Active Neurotoxins. <i>Molecular Neurobiology</i> , 2015 , 52, 26-37	6.2	27
48	Impaired expression of NER gene network in sporadic solid tumors. <i>Nucleic Acids Research</i> , 2007 , 35, 1859-67	20.1	22
47	Long non-coding RNAs identify a subset of luminal muscle-invasive bladder cancer patients with favorable prognosis. <i>Genome Medicine</i> , 2019 , 11, 60	14.4	21
46	Validation of cofilin-1 as a biomarker in non-small cell lung cancer: application of quantitative method in a retrospective cohort. <i>Journal of Cancer Research and Clinical Oncology</i> , 2011 , 137, 1309-16	4.9	21
45	Potential crosstalk between cofilin-1 and EGFR pathways in cisplatin resistance of non-small-cell lung cancer. <i>Oncotarget</i> , 2015 , 6, 3531-9	3.3	19
44	Towards a genome-wide transcriptogram: the <i>Saccharomyces cerevisiae</i> case. <i>Nucleic Acids Research</i> , 2011 , 39, 3005-16	20.1	19
43	Profiling cytogenetic diversity with entropy-based karyotypic analysis. <i>Journal of Theoretical Biology</i> , 2005 , 234, 487-95	2.3	19
42	Differential expression of transcriptional regulatory units in the prefrontal cortex of patients with bipolar disorder: potential role of early growth response gene 3. <i>Translational Psychiatry</i> , 2016 , 6, e805	8.6	18
41	High cofilin-1 levels correlate with cisplatin resistance in lung adenocarcinomas. <i>Tumor Biology</i> , 2014 , 35, 1233-8	2.9	17
40	Evolutionary origins of human apoptosis and genome-stability gene networks. <i>Nucleic Acids Research</i> , 2008 , 36, 6269-83	20.1	14
39	Imbalance in redox status is associated with tumor aggressiveness and poor outcome in lung adenocarcinoma patients. <i>Journal of Cancer Research and Clinical Oncology</i> , 2014 , 140, 461-70	4.9	13
38	Posterior association networks and functional modules inferred from rich phenotypes of gene perturbations. <i>PLoS Computational Biology</i> , 2012 , 8, e1002566	5	13
37	Integrative Analysis Identifies Genetic Variants Associated With Autoimmune Diseases Affecting Putative MicroRNA Binding Sites. <i>Frontiers in Genetics</i> , 2018 , 9, 139	4.5	11
36	Chromosome aberrations in solid tumors have a stochastic nature. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2006 , 600, 150-64	3.3	11
35	Disruption and de novo formation of nanotubular membrane extensions in SW620 colon carcinoma cell line during cell division. <i>Cell Biology International</i> , 2005 , 29, 929-31	4.5	11
34	Reverse engineering the neuroblastoma regulatory network uncovers MAX as one of the master regulators of tumor progression. <i>PLoS ONE</i> , 2013 , 8, e82457	3.7	11
33	Preferential duplication of intermodular hub genes: an evolutionary signature in eukaryotes genome networks. <i>PLoS ONE</i> , 2013 , 8, e56579	3.7	9

32	Morphological and oxidative alterations on Sertoli cells cytoskeleton due to retinol-induced reactive oxygen species. <i>Molecular and Cellular Biochemistry</i> , 2005 , 271, 189-96	4.2	9
31	In vitro evaluation of antitumoral efficacy of catalase in combination with traditional chemotherapeutic drugs against human lung adenocarcinoma cells. <i>Tumor Biology</i> , 2016 , 37, 10775-84	2.9	8
30	Retinol induces morphological alterations and proliferative focus formation through free radical-mediated activation of multiple signaling pathways. <i>Acta Pharmacologica Sinica</i> , 2012 , 33, 558-67 ⁸		8
29	Inhibition of MDR1 expression by retinol treatment increases sensitivity to etoposide (VP16) in human neoplastic cell line. <i>Toxicology in Vitro</i> , 2008 , 22, 873-8	3.6	8
28	A Consensus Molecular Classification of Muscle-Invasive Bladder Cancer. <i>SSRN Electronic Journal</i> ,	1	8
27	Unraveling Immune-Related lncRNAs in Breast Cancer Molecular Subtypes. <i>Frontiers in Oncology</i> , 2021 , 11, 692170	5.3	8
26	DNA methylation in adolescents with anxiety disorder: a longitudinal study. <i>Scientific Reports</i> , 2018 , 8, 13800	4.9	8
25	RTNsurvival: an R/Bioconductor package for regulatory network survival analysis. <i>Bioinformatics</i> , 2019 , 35, 4488-4489	7.2	7
24	Induced genome maintenance pathways in pre-cancer tissues describe an anti-cancer barrier in tumor development. <i>Molecular BioSystems</i> , 2012 , 8, 3003-9		7
23	Evolutionary plasticity determination by orthologous groups distribution. <i>Biology Direct</i> , 2011 , 6, 22	7.2	7
22	Intercellular contact-dependent survival of human A549, NCI-H596 and NCI-H520 non-small cell lung carcinoma cell lines. <i>Brazilian Journal of Medical and Biological Research</i> , 2001 , 34, 1007-13	2.8	7
21	Phenotype modulation of cellular UV-sensitivity. <i>Cancer Letters</i> , 1999 , 145, 65-72	9.9	7
20	Whole-genome characterization of lung adenocarcinomas lacking the RTK/RAS/RAF pathway. <i>Cell Reports</i> , 2021 , 34, 108707	10.6	7
19	Modeling the Human Genome Maintenance network. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2010 , 389, 4188-4194	3.3	6
18	The consensus molecular classification of muscle-invasive bladder cancer		6
17	Reduced Neurite Density in Neuronal Cell Cultures Exposed to Serum of Patients with Bipolar Disorder. <i>International Journal of Neuropsychopharmacology</i> , 2016 , 19,	5.8	6
16	Draft Genome Sequence of <i>Fonsecaea nubica</i> Strain CBS 269.64, Causative Agent of Human Chromoblastomycosis. <i>Genome Announcements</i> , 2016 , 4,		4
15	GALANT: a Cytoscape plugin for visualizing data as functional landscapes projected onto biological networks. <i>Bioinformatics</i> , 2013 , 29, 2505-6	7.2	4

14	AKT3 Expression in Mesenchymal Colorectal Cancer Cells Drives Growth and Is Associated with Epithelial-Mesenchymal Transition. <i>Cancers</i> , 2021 , 13,	6.6	4
13	Transcriptomic analysis reveals pH-responsive antioxidant gene networks. <i>Frontiers in Bioscience - Scholar</i> , 2012 , 4, 1556-67	2.4	3
12	Identification of Post-Transcriptional Modulators of Breast Cancer Transcription Factor Activity Using MINDy. <i>PLoS ONE</i> , 2016 , 11, e0168770	3.7	3
11	On the absence of mutations in nucleotide excision repair genes in sporadic solid tumors. <i>Genetics and Molecular Research</i> , 2008 , 7, 152-60	1.2	3
10	Dysregulation of Transcription Factor Networks Unveils Different Pathways in Human Papillomavirus 16-Positive Squamous Cell Carcinoma and Adenocarcinoma of the Uterine Cervix. <i>Frontiers in Oncology</i> , 2021 , 11, 626187	5.3	3
9	RTNduals: an R/Bioconductor package for analysis of co-regulation and inference of dual regulons. <i>Bioinformatics</i> , 2019 , 35, 5357-5358	7.2	2
8	An Ontology to Integrate Transcriptomics and Interatomics Data Involved in Gene Pathways of Genome Stability. <i>Lecture Notes in Computer Science</i> , 2009 , 164-167	0.9	2
7	Which came first, the transcriptional regulator or its target genes? An evolutionary perspective into the construction of eukaryotic regulons. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2020 , 1863, 194472	6	2
6	Environmental prospecting of black yeast-like agents of human disease using culture-independent methodology. <i>Scientific Reports</i> , 2020 , 10, 14229	4.9	2
5	Adrenocortical Carcinoma Steroid Profiles: Pan-Cancer Analysis of TCGA Data Uncovers Immunotherapy Targets for Potential Improved Outcomes. <i>Frontiers in Endocrinology</i> , 2021 , 12, 672319	5.7	2
4	Novel lncRNAs Co-Expression Networks Identifies LINC00504 with Oncogenic Role in Luminal A Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
3	Potential predictive value of cofilin-1 for metastasis occurrence in a small cohort of Argentinian patients with mid-low Breslow thickness melanoma. <i>Pathology Research and Practice</i> , 2019 , 215, 152582 ^{3,4}	3.4	1
2	Stage-stratified molecular profiling of non-muscle-invasive bladder cancer enhances biological, clinical, and therapeutic insight.. <i>Cell Reports Medicine</i> , 2021 , 2, 100472	18	0
1	Analysis of expression pathways alterations of Arabidopsis thaliana induced by a Necrosis- and Ethylene-inducing protein. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2009 , 388, 4515-4522	3.3	