

Claudia Coronello

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

787
citations

623734

14
h-index

526287

27
g-index

34
all docs

34
docs citations

34
times ranked

1243
citing authors

#	ARTICLE	IF	CITATIONS
1	ComiR: combinatorial microRNA target prediction tool. <i>Nucleic Acids Research</i> , 2013, 41, W159-W164.	14.5	174
2	SPANNING TREES AND BOOTSTRAP RELIABILITY ESTIMATION IN CORRELATION-BASED NETWORKS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2007, 17, 2319-2329.	1.7	124
3	Overexpression of microRNA-1 promotes cardiomyocyte commitment from human cardiovascular progenitors via suppressing WNT and FGF signaling pathways. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 63, 146-154.	1.9	62
4	Cross-talk between Colon Cells and Macrophages Increases ST6GALNAC1 and MUC1-sTn Expression in Ulcerative Colitis and Colitis-Associated Colon Cancer. <i>Cancer Immunology Research</i> , 2020, 8, 167-178.	3.4	61
5	Aldosterone Regulates MicroRNAs in the Cortical Collecting Duct to Alter Sodium Transport. <i>Journal of the American Society of Nephrology: JASN</i> , 2014, 25, 2445-2457.	6.1	42
6	Novel Modeling of Combinatorial miRNA Targeting Identifies SNP with Potential Role in Bone Density. <i>PLoS Computational Biology</i> , 2012, 8, e1002830.	3.2	38
7	On the prospect of serum exosomal miRNA profiling and protein biomarkers for the diagnosis of ascending aortic dilatation in patients with bicuspid and tricuspid aortic valve. <i>International Journal of Cardiology</i> , 2018, 273, 230-236.	1.7	36
8	miR-1207-5p Can Contribute to Dysregulation of Inflammatory Response in COVID-19 via Targeting SARS-CoV-2 RNA. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 586592.	3.9	32
9	Lung Segmentation on High-Resolution Computerized Tomography Images Using Deep Learning: A Preliminary Step for Radiomics Studies. <i>Journal of Imaging</i> , 2020, 6, 125.	3.0	31
10	Tissue Classification to Support Local Active Delineation of Brain Tumors. <i>Communications in Computer and Information Science</i> , 2020, , 3-14.	0.5	23
11	Moving Towards Induced Pluripotent Stem Cell-based Therapies with Artificial Intelligence and Machine Learning. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 559-569.	3.8	22
12	Expression of Regulatory Platelet MicroRNAs in Patients with Sickle Cell Disease. <i>PLoS ONE</i> , 2013, 8, e60932.	2.5	21
13	Estrogen represses gene expression through reconfiguring chromatin structures. <i>Nucleic Acids Research</i> , 2013, 41, 8061-8071.	14.5	17
14	RIP-Chip analysis supports different roles for AGO2 and GW182 proteins in recruiting and processing microRNA targets. <i>BMC Bioinformatics</i> , 2019, 20, 120.	2.6	17
15	Usefulness of regional right ventricular and right atrial strain for prediction of early and late right ventricular failure following a left ventricular assist device implant: A machine learning approach. <i>International Journal of Artificial Organs</i> , 2020, 43, 297-314.	1.4	16
16	Radiomics: A New Biomedical Workflow to Create a Predictive Model. <i>Communications in Computer and Information Science</i> , 2020, , 280-293.	0.5	16
17	An improvement of ComiR algorithm for microRNA target prediction by exploiting coding region sequences of mRNAs. <i>BMC Bioinformatics</i> , 2020, 21, 201.	2.6	12
18	Support Vector Machine as a Supervised Learning for the Prioritization of Novel Potential SARS-CoV-2 Main Protease Inhibitors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7714.	4.1	11

#	ARTICLE	IF	CITATIONS
19	Economic sector identification in a set of stocks traded at the New York Stock Exchange: a comparative analysis. , 2007, , .		8
20	miRNA expression analysis in the human heart: Undifferentiated progenitors vs. bioptic tissuesâ€™ Implications for proliferation and ageing. Journal of Cellular and Molecular Medicine, 2021, 25, 8687-8700.	3.6	5
21	Aneuploid IMR90 cells induced by depletion of pRB, DNMT1 and MAD2 show a common gene expression signature. Genomics, 2020, 112, 2541-2549.	2.9	4
22	MTGO-SC, A Tool to Explore Gene Modules in Single-Cell RNA Sequencing Data. Frontiers in Genetics, 2019, 10, 953.	2.3	3
23	A multivariate statistical test for differential expression analysis. Scientific Reports, 2022, 12, 8265.	3.3	3
24	Time evolution of the microwave second-order response of YBaCuO powder. Physica C: Superconductivity and Its Applications, 2004, 402, 309-316.	1.2	2
25	Gene-based and semantic structure of the Gene Ontology as a complex network. Physica A: Statistical Mechanics and Its Applications, 2016, 458, 313-328.	2.6	2
26	A Radioactive-Free Method for the Thorough Analysis of the Kinetics of Cell Cytotoxicity. Journal of Imaging, 2021, 7, 222.	3.0	2
27	Residue analysis of a synthetic glucocorticoid in liver samples by a 1HMR spectroscopy approach: An exploratory study on animal model. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2020, 37, 1640-1650.	2.3	1
28	Repetitive sequences in aging. Aging, 2021, 13, 10816-10817.	3.1	1
29	Transcriptomic Changes Following Partial Depletion of CENP-E in Normal Human Fibroblasts. Genes, 2021, 12, 1322.	2.4	1
30	NK Cells Functional Skew: Implications in Innate Immunity to HCV Infection. Journal of Hepatology, 2016, 64, S511-S512.	3.7	0
31	Predicting Acute and Chronic Right Ventricular Failure in Patients Undergoing Left Ventricular Assist Device Implant: The Importance of Right Atrial Strain and Regional Deformation of the Right Ventricular Free Wall. Journal of Heart and Lung Transplantation, 2018, 37, S381-S382.	0.6	0
32	NK cell anti-tumor and anti-viral function can be enhanced in vitro and exploited for successful cell mediated therapy. Cytotherapy, 2019, 21, S29.	0.7	0
33	The Challenge of Using CB-HSCs As Source for Gene Therapy: Lentiviral Vector Transduction, Phenotypic Characterization and Global Gene Expression Profile of Ex-Vivo Expanded CB CD34+ Cells. Blood, 2015, 126, 5548-5548.	1.4	0