

Manuel Rosa-Garrido

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,049
citations

566801

15
h-index

500791

28
g-index

29
all docs

29
docs citations

29
times ranked

2137
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesenchymal-endothelial transition contributes to cardiac neovascularization. <i>Nature</i> , 2014, 514, 585-590.	13.7	284
2	High-Resolution Mapping of Chromatin Conformation in Cardiac Myocytes Reveals Structural Remodeling of the Epigenome in Heart Failure. <i>Circulation</i> , 2017, 136, 1613-1625.	1.6	135
3	CTCF regulates the local epigenetic state of ribosomal DNA repeats. <i>Epigenetics and Chromatin</i> , 2010, 3, 19.	1.8	80
4	The male germ cell gene regulator CTCFL is functionally different from CTCF and binds CTCF-like consensus sites in a nucleosome composition-dependent manner. <i>Epigenetics and Chromatin</i> , 2012, 5, 8.	1.8	80
5	Epigenomes in Cardiovascular Disease. <i>Circulation Research</i> , 2018, 122, 1586-1607.	2.0	60
6	The chromatin-binding protein Smyd1 restricts adult mammalian heart growth. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2016, 311, H1234-H1247.	1.5	51
7	Transcription Factors Sp1 and p73 Control the Expression of the Proapoptotic Protein NOXA in the Response of Testicular Embryonal Carcinoma Cells to Cisplatin. <i>Journal of Biological Chemistry</i> , 2012, 287, 26495-26505.	1.6	41
8	Cyclin E drives human keratinocyte growth into differentiation. <i>Oncogene</i> , 2012, 31, 5180-5192.	2.6	38
9	A Cell Cycle Role for the Epigenetic Factor CTCF-L/BORIS. <i>PLoS ONE</i> , 2012, 7, e39371.	1.1	37
10	Reciprocal Regulation of the Cardiac Epigenome by Chromatin Structural Proteins Hmgb and Ctf. <i>Journal of Biological Chemistry</i> , 2016, 291, 15428-15446.	1.6	30
11	Sex differences in heart mitochondria regulate diastolic dysfunction. <i>Nature Communications</i> , 2022, 13, .	5.8	30
12	Mitochondrial Ca ²⁺ channel is functionally associated with its regulatory β 1 subunit in cardiac mitochondria. <i>Journal of Physiology</i> , 2019, 597, 3817-3832.	1.3	22
13	PU.1 expression is restored upon treatment of chronic myeloid leukemia patients. <i>Cancer Letters</i> , 2008, 270, 328-336.	3.2	18
14	Early adaptive chromatin remodeling events precede pathologic phenotypes and are reinforced in the failing heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 160, 73-86.	0.9	17
15	p73 Plays a Role in Erythroid Differentiation through GATA1 Induction. <i>Journal of Biological Chemistry</i> , 2009, 284, 21139-21156.	1.6	16
16	Novel CTCF binding at a site in exon1A of BCL6 is associated with active histone marks and a transcriptionally active locus. <i>Oncogene</i> , 2015, 34, 246-256.	2.6	15
17	Spatial Principles of Chromatin Architecture Associated With Organ-Specific Gene Regulation. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 5, 186.	1.1	15
18	Nuclear Targeting of a Bacterial Integrase That Mediates Site-Specific Recombination between Bacterial and Human Target Sequences. <i>Applied and Environmental Microbiology</i> , 2011, 77, 201-210.	1.4	13

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19	Direct visualization of cardiac transcription factories reveals regulatory principles of nuclear architecture during pathological remodeling. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 128, 198-211.	0.9	13
20	Three-dimensional chromatin organization in cardiac development and disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 151, 89-105.	0.9	13
21	Regulation of Chromatin Structure in the Cardiovascular System. <i>Circulation Journal</i> , 2013, 77, 1389-1398.	0.7	10
22	Cardiac epigenetics: Driving signals to the cardiac epigenome in development and disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 151, 88.	0.9	6
23	Structural considerations for chromatin state models with transcription as a functional readout. <i>FEBS Letters</i> , 2012, 586, 3548-3554.	1.3	5
24	The anti-aging protein Klotho affects early postnatal myogenesis by downregulating Jmjd3 and the canonical Wnt pathway. <i>FASEB Journal</i> , 2022, 36, e22192.	0.2	5
25	Relationship of disease-associated gene expression to cardiac phenotype is buffered by genetic diversity and chromatin regulation. <i>Physiological Genomics</i> , 2016, 48, 601-615.	1.0	4
26	Dissecting Chromatin Architecture for Novel Cardiovascular Disease Targets. <i>Circulation</i> , 2019, 140, 446-448.	1.6	4
27	Laparoscopic Sleeve Gastrectomy in Patients with Severe Obesity Restores Adaptive Responses Leading to Nonalcoholic Steatohepatitis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7830.	1.8	4
28	TEMPORARY REMOVAL: Glutaminolysis-induced mTORC1 activation drives non-alcoholic steatohepatitis progression. <i>Journal of Hepatology</i> , 2021, , .	1.8	3
29	Undiscovered Physiology of Transcript and Protein Networks. , 2016, 6, 1851-1872.		0