

Laurie Ann Boyer

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

13,921
citations

218381

26
h-index

414034

32
g-index

35
all docs

35
docs citations

35
times ranked

29634
citing authors

#	ARTICLE	IF	CITATIONS
1	A dual role for H2A.Z.1 in modulating the dynamics of RNA polymerase II initiation and elongation. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 435-442.	3.6	27
2	Cell size is a determinant of stem cell potential during aging. <i>Science Advances</i> , 2021, 7, eabk0271.	4.7	75
3	Plasticity of ether lipids promotes ferroptosis susceptibility and evasion. <i>Nature</i> , 2020, 585, 603-608.	13.7	420
4	H3K27me3-mediated silencing of structural genes is required for zebrafish heart regeneration. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	33
5	Ketone Body Signaling Mediates Intestinal Stem Cell Homeostasis and Adaptation to Diet. <i>Cell</i> , 2019, 178, 1115-1131.e15.	13.5	231
6	Interconnected Microphysiological Systems for Quantitative Biology and Pharmacology Studies. <i>Scientific Reports</i> , 2018, 8, 4530.	1.6	341
7	Failed Progenitor Specification Underlies the Cardiopharyngeal Phenotypes in a Zebrafish Model of 22q11.2 Deletion Syndrome. <i>Cell Reports</i> , 2018, 24, 1342-1354.e5.	2.9	18
8	Geometry-dependent functional changes in iPSC-derived cardiomyocytes probed by functional imaging and RNA sequencing. <i>PLoS ONE</i> , 2017, 12, e0172671.	1.1	23
9	A G-Rich Motif in the lncRNA Braveheart Interacts with a Zinc-Finger Transcription Factor to Specify the Cardiovascular Lineage. <i>Molecular Cell</i> , 2016, 64, 37-50.	4.5	133
10	52 Genetic Loci Influencing Myocardial Mass. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1435-1448.	1.2	113
11	Microfluidic device for the formation of optically excitable, three-dimensional, compartmentalized motor units. <i>Science Advances</i> , 2016, 2, e1501429.	4.7	192
12	Twenty-eight genetic loci associated with ST-T-wave amplitudes of the electrocardiogram. <i>Human Molecular Genetics</i> , 2016, 25, 2093-2103.	1.4	24
13	H2A.Z.1 Monoubiquitylation Antagonizes BRD2 to Maintain Poised Chromatin in ESCs. <i>Cell Reports</i> , 2016, 14, 1142-1155.	2.9	55
14	Discovery of Genetic Variation on Chromosome 5q22 Associated with Mortality in Heart Failure. <i>PLoS Genetics</i> , 2016, 12, e1006034.	1.5	34
15	Discovery and validation of sub-threshold genome-wide association study loci using epigenomic signatures. <i>ELife</i> , 2016, 5, .	2.8	115
16	Transcriptional Reversion of Cardiac Myocyte Fate During Mammalian Cardiac Regeneration. <i>Circulation Research</i> , 2015, 116, 804-815.	2.0	131
17	Integrative analysis of 111 reference human epigenomes. <i>Nature</i> , 2015, 518, 317-330.	13.7	5,653
18	Regulating Epigenetic Control of Transcription to Cardiovascular Development and Disease. <i>Circulation Research</i> , 2015, 117, 192-206.	2.0	56

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19	Chromatin Dynamics and the RNA Exosome Function in Concert to Regulate Transcriptional Homeostasis. <i>Cell Reports</i> , 2015, 13, 1610-1622.	2.9	34
20	H2A.Z: a molecular rheostat for transcriptional control. <i>F1000prime Reports</i> , 2015, 7, 01.	5.9	88
21	Distal enhancers: new insights into heart development and disease. <i>Trends in Cell Biology</i> , 2014, 24, 294-302.	3.6	42
22	Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. <i>Nature Genetics</i> , 2014, 46, 826-836.	9.4	281
23	Polycomb Repressive Complex 2 Regulates Lineage Fidelity during Embryonic Stem Cell Differentiation. <i>PLoS ONE</i> , 2014, 9, e110498.	1.1	22
24	Saltatory remodeling of Hox chromatin in response to rostrocaudal patterning signals. <i>Nature Neuroscience</i> , 2013, 16, 1191-1198.	7.1	140
25	Braveheart, a Long Noncoding RNA Required for Cardiovascular Lineage Commitment. <i>Cell</i> , 2013, 152, 570-583.	13.5	839
26	H2A.Z Acidic Patch Couples Chromatin Dynamics to Regulation of Gene Expression Programs during ESC Differentiation. <i>PLoS Genetics</i> , 2013, 9, e1003725.	1.5	53
27	SOX2 Co-Occupies Distal Enhancer Elements with Distinct POU Factors in ESCs and NPCs to Specify Cell State. <i>PLoS Genetics</i> , 2013, 9, e1003288.	1.5	158
28	Dynamic and Coordinated Epigenetic Regulation of Developmental Transitions in the Cardiac Lineage. <i>Cell</i> , 2012, 151, 206-220.	13.5	555
29	Progress and Promise Towards Safe Induced Pluripotent Stem Cells for Therapy. <i>Stem Cell Reviews and Reports</i> , 2010, 6, 297-306.	5.6	61
30	Histone H3K27ac separates active from poised enhancers and predicts developmental state. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21931-21936.	3.3	3,446
31	Polycomb Group Proteins Set the Stage for Early Lineage Commitment. <i>Cell Stem Cell</i> , 2010, 7, 288-298.	5.2	215
32	H2AZ Is Enriched at Polycomb Complex Target Genes in ES Cells and Is Necessary for Lineage Commitment. <i>Cell</i> , 2008, 135, 649-661.	13.5	307