

# Rodrigo Aguilar

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

657  
citations

687220

13  
h-index

752573

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1009  
citing authors

#	ARTICLE	IF	CITATIONS
1	Excessive release of inorganic polyphosphate by ALS/FTD astrocytes causes non-cell-autonomous toxicity to motoneurons. <i>Neuron</i> , 2022, 110, 1656-1670.e12.	3.8	33
2	Targeting Xist with compounds that disrupt RNA structure and X inactivation. <i>Nature</i> , 2022, 604, 160-166.	13.7	57
3	Epigenetic silencing of the osteoblast lineage gene program during hippocampal maturation. <i>Journal of Cellular Biochemistry</i> , 2021, 122, 367-384.	1.2	5
4	A disproportionate impact of G9a methyltransferase deficiency on the X chromosome. <i>Genes and Development</i> , 2021, 35, 1035-1054.	2.7	4
5	Jpx RNA regulates CTCF anchor site selection and formation of chromosome loops. <i>Cell</i> , 2021, 184, 6157-6173.e24.	13.5	35
6	Targeting RNA with Small Molecules: Identification of Selective, RNA-Binding Small Molecules Occupying Drug-Like Chemical Space. <i>SLAS Discovery</i> , 2020, 25, 384-396.	1.4	73
7	Downregulation of the Polycomb-Associated Methyltransferase Ezh2 during Maturation of Hippocampal Neurons Is Mediated by MicroRNAs Let-7 and miR-124. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8472.	1.8	5
8	Mll COMPASS complexes mediate H3K4me3 enrichment and transcription of the osteoblast master gene Runx2/p57 in osteoblasts. <i>Journal of Cellular Physiology</i> , 2019, 234, 6244-6253.	2.0	15
9	Wnt/β-catenin signaling enhances transcription of the CX43 gene in murine Sertoli cells. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 6753-6762.	1.2	10
10	Epigenetic Signatures at the RUNX2 and Sp7 Gene Promoters Control Osteogenic Lineage Commitment of Umbilical Cord-Derived Mesenchymal Stem Cells. <i>Journal of Cellular Physiology</i> , 2017, 232, 2519-2527.	2.0	26
11	Epigenetic editing of the Dlg4/PSD95 gene improves cognition in aged and Alzheimer's disease mice. <i>Brain</i> , 2017, 140, 3252-3268.	3.7	121
12	The chromatin modifying complex CoREST/LSD1 negatively regulates notch pathway during cerebral cortex development. <i>Developmental Neurobiology</i> , 2016, 76, 1360-1373.	1.5	24
13	Polycomb PRC2 complex mediates epigenetic silencing of a critical osteogenic master regulator in the hippocampus. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2016, 1859, 1043-1055.	0.9	15
14	Multiple levels of epigenetic control for bone biology and pathology. <i>Bone</i> , 2015, 81, 733-738.	1.4	18
15	The Specification of Cortical Subcerebral Projection Neurons Depends on the Direct Repression of TBR1 by CTIP1/BCL11a. <i>Journal of Neuroscience</i> , 2015, 35, 7552-7564.	1.7	59
16	Epigenetic Control of the Bone-master Runx2 Gene during Osteoblast-lineage Commitment by the Histone Demethylase JARID1B/KDM5B. <i>Journal of Biological Chemistry</i> , 2015, 290, 28329-28342.	1.6	68
17	A Functional N-terminal Domain in C/EBPβ is Required for Interacting with SWI/SNF and to Repress Rcn8B Gene Transcription in Osteoblasts. <i>Journal of Cellular Physiology</i> , 2014, 229, 1521-1528.	2.0	8
18	Ezh1 and Ezh2 differentially regulate PSD-95 gene transcription in developing hippocampal neurons. <i>Molecular and Cellular Neurosciences</i> , 2013, 57, 130-143.	1.0	55

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19	The Ric-8B Gene Is Highly Expressed in Proliferating Preosteoblastic Cells and Downregulated during Osteoblast Differentiation in a SWI/SNF- and C/EBP $\beta$ -Mediated Manner. <i>Molecular and Cellular Biology</i> , 2011, 31, 2997-3008.	1.1	16
20	A new nuclear protease with cathepsin L properties is present in HeLa and Caco-2 cells. <i>Journal of Cellular Biochemistry</i> , 2010, 111, 1099-1106.	1.2	10