

Alexandre Blais

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8352139/publications.pdf>

Version: 2024-02-01

36
papers

1,991
citations

393982

19
h-index

344852

36
g-index

39
all docs

39
docs citations

39
times ranked

3327
citing authors

#	ARTICLE	IF	CITATIONS
1	An initial blueprint for myogenic differentiation. <i>Genes and Development</i> , 2005, 19, 553-569.	2.7	384
2	Constructing transcriptional regulatory networks. <i>Genes and Development</i> , 2005, 19, 1499-1511.	2.7	220
3	UTX mediates demethylation of H3K27me3 at muscle-specific genes during myogenesis. <i>EMBO Journal</i> , 2010, 29, 1401-1411.	3.5	191
4	Hitting their targets: an emerging picture of E2F and cell cycle control. <i>Current Opinion in Genetics and Development</i> , 2004, 14, 527-532.	1.5	133
5	E2F-associated chromatin modifiers and cell cycle control. <i>Current Opinion in Cell Biology</i> , 2007, 19, 658-662.	2.6	130
6	Retinoblastoma tumor suppressor proteinâ€‘dependent methylation of histone H3 lysine 27 is associated with irreversible cell cycle exit. <i>Journal of Cell Biology</i> , 2007, 179, 1399-1412.	2.3	116
7	Cooperation between myogenic regulatory factors and SIX family transcription factors is important for myoblast differentiation. <i>Nucleic Acids Research</i> , 2010, 38, 6857-6871.	6.5	96
8	Six1 and Six4 gene expression is necessary to activate the fast-type muscle gene program in the mouse primary myotome. <i>Developmental Biology</i> , 2010, 338, 168-182.	0.9	85
9	Global MEF2 target gene analysis in cardiac and skeletal muscle reveals novel regulation of DUSP6 by p38MAPK-MEF2 signaling. <i>Nucleic Acids Research</i> , 2014, 42, 11349-11362.	6.5	70
10	The Mammalian Sin3 Proteins Are Required for Muscle Development and Sarcomere Specification. <i>Molecular and Cellular Biology</i> , 2010, 30, 5686-5697.	1.1	59
11	Epigenetic regulation of satellite cell activation during muscle regeneration. <i>Stem Cell Research and Therapy</i> , 2011, 2, 18.	2.4	55
12	Transcriptional control of stem cell fate by E2Fs and pocket proteins. <i>Frontiers in Genetics</i> , 2015, 6, 161.	1.1	55
13	Inhibition of ROS and upregulation of inflammatory cytokines by FoxO3a promotes survival against <i>Salmonella typhimurium</i> . <i>Nature Communications</i> , 2016, 7, 12748.	5.8	51
14	Retinoic Acid Enhances Skeletal Myogenesis in Human Embryonic Stem Cells by Expanding the Premyogenic Progenitor Population. <i>Stem Cell Reviews and Reports</i> , 2012, 8, 482-493.	5.6	48
15	SOX15 and SOX7 Differentially Regulate the Myogenic Program in P19 Cells. <i>Stem Cells</i> , 2009, 27, 1231-1243.	1.4	41
16	Six1 Regulates MyoD Expression in Adult Muscle Progenitor Cells. <i>PLoS ONE</i> , 2013, 8, e67762.	1.1	35
17	A Single TCF Transcription Factor, Regardless of Its Activation Capacity, Is Sufficient for Effective Trilineage Differentiation of ESCs. <i>Cell Reports</i> , 2017, 20, 2424-2438.	2.9	34
18	Genome-wide association between Six4, MyoD, and the histone demethylase Utx during myogenesis. <i>FASEB Journal</i> , 2015, 29, 4738-4755.	0.2	32

#	ARTICLE	IF	CITATIONS
19	Molecular basis for the methylation specificity of ATXR5 for histone H3. <i>Nucleic Acids Research</i> , 2017, 45, 6375-6387.	6.5	22
20	Discovery, optimization and validation of an optimal DNA-binding sequence for the Six1 homeodomain transcription factor. <i>Nucleic Acids Research</i> , 2012, 40, 8227-8239.	6.5	21
21	Insights into interplay between rexinoid signaling and myogenic regulatory factor-associated chromatin state in myogenic differentiation. <i>Nucleic Acids Research</i> , 2017, 45, 11236-11248.	6.5	18
22	Regulation of Hspb7 by MEF2 and AP-1: implications for Hspb7 in muscle atrophy. <i>Journal of Cell Science</i> , 2016, 129, 4076-4090.	1.2	15
23	Gene expression profiling of skeletal myogenesis in human embryonic stem cells reveals a potential cascade of transcription factors regulating stages of myogenesis, including quiescent/activated satellite cell-like gene expression. <i>PLoS ONE</i> , 2019, 14, e0222946.	1.1	14
24	In Vitro Modeling of Congenital Heart Defects Associated with an NKX2-5 Mutation Revealed a Dysregulation in BMP/Notch-Mediated Signaling. <i>Stem Cells</i> , 2018, 36, 514-526.	1.4	12
25	Myogenesis in the Genomics Era. <i>Journal of Molecular Biology</i> , 2015, 427, 2023-2038.	2.0	10
26	Muscle Enriched Lamin Interacting Protein (Mlip) Binds Chromatin and Is Required for Myoblast Differentiation. <i>Cells</i> , 2021, 10, 615.	1.8	8
27	Devising transcriptional regulatory networks operating during the cell cycle and differentiation using ChIP-on-chip. <i>Chromosome Research</i> , 2005, 13, 275-288.	1.0	7
28	Chromatin and transcription factor profiling in rare stem cell populations using CUT&Tag. <i>STAR Protocols</i> , 2021, 2, 100751.	0.5	5
29	Six1 promotes skeletal muscle thyroid hormone response through regulation of the MCT10 transporter. <i>Skeletal Muscle</i> , 2021, 11, 26.	1.9	5
30	SOX7 Is Required for Muscle Satellite Cell Development and Maintenance. <i>Stem Cell Reports</i> , 2017, 9, 1139-1151.	2.3	4
31	Foxo3a tempers excessive glutaminolysis in activated T cells to prevent fatal gut inflammation in the murine IL-10 ^{hi} model of colitis. <i>Cell Death and Differentiation</i> , 2022, 29, 585-599.	5.0	4
32	Keeping Them All Together: Î2-Propeller Domains in Histone Methyltransferase Complexes. <i>Journal of Molecular Biology</i> , 2014, 426, 3363-3375.	2.0	2
33	A new mode of cell cycle stimulation: Cyclin E and CDK2-mediated cytoplasmic retention of repressive E2F complexes. <i>Cell Cycle</i> , 2012, 11, 2978-2978.	1.3	1
34	Rb and chromatin remodeling in the maintenance of the post-mitotic state of neurons. <i>Cell Cycle</i> , 2013, 12, 1661-1661.	1.3	1
35	BRG1 interacts with GLI2 and binds Mef2c gene in a hedgehog signalling dependent manner during in vitro cardiomyogenesis. <i>BMC Developmental Biology</i> , 2016, 16, 27.	2.1	1
36	Combinatorial Utilization of Murine Embryonic Stem Cells and In Vivo Models to Study Human Congenital Heart Disease. <i>Current Protocols in Stem Cell Biology</i> , 2018, 48, e75.	3.0	1