Alexandre Blais

List of Publications by Year
in descending order

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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	Foxo3a tempers excessive glutaminolysis in activated T cells to prevent fatal gut inflammation in the murine IL-10â^'/â^' model of colitis. Cell Death and Differentiation, 2022, 29, 585-599.	5.0	4
2	Muscle Enriched Lamin Interacting Protein (Mlip) Binds Chromatin and Is Required for Myoblast Differentiation. Cells, 2021, 10, 615.	1.8	8
3	Chromatin and transcription factor profiling in rare stem cell populations using CUT&Tag. STAR Protocols, 2021, 2, 100751.	0.5	5
4	Six1 promotes skeletal muscle thyroid hormone response through regulation of the MCT10 transporter. Skeletal Muscle, 2021, 11, 26.	1.9	5
5	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. PLoS ONE, 2019, 14, e0222946.	1.1	14
6	In Vitro Modeling of Congenital Heart Defects Associated with an NKX2-5 Mutation Revealed a Dysregulation in BMP/Notch-Mediated Signaling. Stem Cells, 2018, 36, 514-526.	1.4	12
7	Combinatorial Utilization of Murine Embryonic Stem Cells andIn VivoModels to Study Human Congenital Heart Disease. Current Protocols in Stem Cell Biology, 2018, 48, e75.	3.0	1
8	Molecular basis for the methylation specificity of ATXR5 for histone H3. Nucleic Acids Research, 2017, 45, 6375-6387.	6.5	22
9	SOX7 Is Required for Muscle Satellite Cell Development and Maintenance. Stem Cell Reports, 2017, 9, 1139-1151.	2.3	4
10	A Single TCF Transcription Factor, Regardless of Its Activation Capacity, Is Sufficient for Effective Trilineage Differentiation of ESCs. Cell Reports, 2017, 20, 2424-2438.	2.9	34
11	Insights into interplay between rexinoid signaling and myogenic regulatory factor-associated chromatin state in myogenic differentiation. Nucleic Acids Research, 2017, 45, 11236-11248.	6.5	18
12	Inhibition of ROS and upregulation of inflammatory cytokines by FoxO3a promotes survival against Salmonella typhimurium. Nature Communications, 2016, 7, 12748.	5.8	51
13	BRG1 interacts with GLI2 and binds Mef2c gene in a hedgehog signalling dependent manner during in vitro cardiomyogenesis. BMC Developmental Biology, 2016, 16, 27.	2.1	1
14	Regulation of Hspb7 by MEF2 and AP-1: implications for Hspb7 in muscle atrophy. Journal of Cell Science, 2016, 129, 4076-4090.	1.2	15
15	Transcriptional control of stem cell fate by E2Fs and pocket proteins. Frontiers in Genetics, 2015, 6, 161.	1.1	55
16	Myogenesis in the Genomics Era. Journal of Molecular Biology, 2015, 427, 2023-2038.	2.0	10
17	Genomeâ€wide association between Six4, MyoD, and the histone demethylase Utx during myogenesis. FASEB Journal, 2015, 29, 4738-4755.	0.2	32
18	Global MEF2 target gene analysis in cardiac and skeletal muscle reveals novel regulation of DUSP6 by p38MAPK-MEF2 signaling. Nucleic Acids Research, 2014, 42, 11349-11362.	6.5	70

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19	Keeping Them All Together: Î²-Propeller Domains in Histone Methyltransferase Complexes. Journal of Molecular Biology, 2014, 426, 3363-3375.	2.0	2
20	Rb and chromatin remodeling in the maintenance of the post-mitotic state of neurons. Cell Cycle, 2013, 12, 1661-1661.	1.3	1
21	Six1 Regulates MyoD Expression in Adult Muscle Progenitor Cells. PLoS ONE, 2013, 8, e67762.	1.1	35
22	Discovery, optimization and validation of an optimal DNA-binding sequence for the Six1 homeodomain transcription factor. Nucleic Acids Research, 2012, 40, 8227-8239.	6.5	21
23	A new mode of cell cycle stimulation: Cyclin E and CDK2-mediated cytoplasmic retention of repressive E2F complexes. Cell Cycle, 2012, 11, 2978-2978.	1.3	1
24	Retinoic Acid Enhances Skeletal Myogenesis in Human Embryonic Stem Cells by Expanding the Premyogenic Progenitor Population. Stem Cell Reviews and Reports, 2012, 8, 482-493.	5.6	48
25	Epigenetic regulation of satellite cell activation during muscle regeneration. Stem Cell Research and Therapy, 2011, 2, 18.	2.4	55
26	UTX mediates demethylation of H3K27me3 at muscle-specific genes during myogenesis. EMBO Journal, 2010, 29, 1401-1411.	3.5	191
27	The Mammalian Sin3 Proteins Are Required for Muscle Development and Sarcomere Specification. Molecular and Cellular Biology, 2010, 30, 5686-5697.	1.1	59
28	Cooperation between myogenic regulatory factors and SIX family transcription factors is important for myoblast differentiation. Nucleic Acids Research, 2010, 38, 6857-6871.	6.5	96
29	Six1 and Six4 gene expression is necessary to activate the fast-type muscle gene program in the mouse primary myotome. Developmental Biology, 2010, 338, 168-182.	0.9	85
30	SOX15 and SOX7 Differentially Regulate the Myogenic Program in P19 Cells. Stem Cells, 2009, 27, 1231-1243.	1.4	41
31	Retinoblastoma tumor suppressor proteinâ€“dependent methylation of histone H3 lysine 27 is associated with irreversible cell cycle exit. Journal of Cell Biology, 2007, 179, 1399-1412.	2.3	116
32	E2F-associated chromatin modifiers and cell cycle control. Current Opinion in Cell Biology, 2007, 19, 658-662.	2.6	130
33	Devising transcriptional regulatory networks operating during the cell cycle and differentiation using ChIP-on-chip. Chromosome Research, 2005, 13, 275-288.	1.0	7
34	An initial blueprint for myogenic differentiation. Genes and Development, 2005, 19, 553-569.	2.7	384
35	Constructing transcriptional regulatory networks. Genes and Development, 2005, 19, 1499-1511.	2.7	220
36	Hitting their targets: an emerging picture of E2F and cell cycle control. Current Opinion in Genetics and Development, 2004, 14, 527-532.	1.5	133