

Matthew B Veldman

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,369
citations

471061

17
h-index

794141

19
g-index

21
all docs

21
docs citations

21
times ranked

2008
citing authors

#	ARTICLE	IF	CITATIONS
1	A multimodal cell census and atlas of the mammalian primary motor cortex. <i>Nature</i> , 2021, 598, 86-102.	13.7	316
2	Morphological diversity of single neurons in molecularly defined cell types. <i>Nature</i> , 2021, 598, 174-181.	13.7	180
3	Zebrafish as a Developmental Model Organism for Pediatric Research. <i>Pediatric Research</i> , 2008, 64, 470-476.	1.1	163
4	Gene expression analysis of zebrafish retinal ganglion cells during optic nerve regeneration identifies KLF6a and KLF7a as important regulators of axon regeneration. <i>Developmental Biology</i> , 2007, 312, 596-612.	0.9	157
5	Etsrp/Etv2 Is Directly Regulated by <i>Foxc1a/b</i> in the Zebrafish Angioblast. <i>Circulation Research</i> , 2012, 110, 220-229.	2.0	60
6	Tuba1a gene expression is regulated by KLF6/7 and is necessary for CNS development and regeneration in zebrafish. <i>Molecular and Cellular Neurosciences</i> , 2010, 43, 370-383.	1.0	58
7	Transdifferentiation of Fast Skeletal Muscle Into Functional Endothelium in Vivo by Transcription Factor Etv2. <i>PLoS Biology</i> , 2013, 11, e1001590.	2.6	48
8	Discovery and Characterization of Novel Vascular and Hematopoietic Genes Downstream of Etsrp in Zebrafish. <i>PLoS ONE</i> , 2009, 4, e4994.	1.1	45
9	The N17 domain mitigates nuclear toxicity in a novel zebrafish Huntington's disease model. <i>Molecular Neurodegeneration</i> , 2015, 10, 67.	4.4	44
10	Molecular insights into cortico-striatal miscommunications in Huntington's disease. <i>Current Opinion in Neurobiology</i> , 2018, 48, 79-89.	2.0	43
11	TS+OCD-like neuropotentiated mice are supersensitive to seizure induction. <i>NeuroReport</i> , 2000, 11, 2335-2338.	0.6	41
12	Brainwide Genetic Sparse Cell Labeling to Illuminate the Morphology of Neurons and Glia with Cre-Dependent MORF Mice. <i>Neuron</i> , 2020, 108, 111-127.e6.	3.8	37
13	Precise segmentation of densely interweaving neuron clusters using G-Cut. <i>Nature Communications</i> , 2019, 10, 1549.	5.8	28
14	ETV2 expression increases the efficiency of primitive endothelial cell derivation from human embryonic stem cells. <i>Cell Regeneration</i> , 2015, 4, 4:1.	1.1	26
15	Identification of Vascular and Hematopoietic Genes Downstream of etsrp by Deep Sequencing in Zebrafish. <i>PLoS ONE</i> , 2012, 7, e31658.	1.1	26
16	Characterization of a Muscle-specific Enhancer in Human MuSK Promoter Reveals the Essential Role of Myogenin in Controlling Activity-dependent Gene Regulation. <i>Journal of Biological Chemistry</i> , 2006, 281, 3943-3953.	1.6	21
17	Huntington's Disease: Nuclear Gatekeepers Under Attack. <i>Neuron</i> , 2017, 94, 1-4.	3.8	20
18	Highly-restricted, cell-specific expression of the simian CMV-IE promoter in transgenic zebrafish with age and after heat shock. <i>Gene Expression Patterns</i> , 2009, 9, 54-64.	0.3	6

#	ARTICLE	IF	CITATIONS
19	Stem Cells on Fire: Inflammatory Signaling in HSC Emergence. <i>Developmental Cell</i> , 2014, 31, 517-518.	3.1	4