Daniel Goldman

List of Publications by Year
in descending order

55 papers	4,862 citations	136950 32 h-index	182427 51 g-index
59 all docs	59 docs citations	59 times ranked	3717 citing authors

#	Article	IF	Citations
1	MÃ¼ller glial cell reprogramming and retina regeneration. Nature Reviews Neuroscience, 2014, 15, 431-442.	10.2	498
2	A Role for Â1 Tubulin-Expressing Muller Glia in Regeneration of the Injured Zebrafish Retina. Journal of Neuroscience, 2006, 26, 6303-6313.	3.6	397
3	Ascl1a regulates MÃ¼ller glia dedifferentiation and retinal regeneration through a Lin-28-dependent, let-7 microRNA signalling pathway. Nature Cell Biology, 2010, 12, 1101-1107.	10.3	332
4	HB-EGF Is Necessary and Sufficient for MÃ¼ller Glia Dedifferentiation and Retina Regeneration. Developmental Cell, 2012, 22, 334-347.	7.0	232
5	The Proneural Basic Helix-Loop-Helix GeneAscl1aIs Required for Retina Regeneration. Journal of Neuroscience, 2008, 28, 1109-1117.	3.6	231
6	Acetylcholine receptor Î±-, Î²-, Î³-, and Î´-subunit mRNA levels are regulated by muscle activity. Neuron, 1988, 1, 329-333.	8.1	222
7	Retina regeneration in zebrafish. Current Opinion in Genetics and Development, 2016, 40, 41-47.	3.3	212
8	Ascl1a/Dkk/Î²-catenin signaling pathway is necessary and glycogen synthase kinase-3Î² inhibition is sufficient for zebrafish retina regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15858-15863.	7.1	194
9	Gene expression analysis of zebrafish retinal ganglion cells during optic nerve regeneration identifies KLF6a and KLF7a as important regulators of axon regeneration. Developmental Biology, 2007, 312, 596-612.	2.0	157
10	Leptin and IL-6 Family Cytokines Synergize to Stimulate MÃ¼ller Glia Reprogramming and Retina Regeneration. Cell Reports, 2014, 9, 272-284.	6.4	139
11	Retinal Injury, Growth Factors, and Cytokines Converge on Î²-Catenin and pStat3 Signaling to Stimulate Retina Regeneration. Cell Reports, 2014, 9, 285-297.	6.4	129
12	Spatial and temporal expression of acetylcholine receptor RNAs in innervated and denervated rat soleus muscle. Neuron, 1989, 3, 219-228.	8.1	127
13	A Histone Deacetylase 4/Myogenin Positive Feedback Loop Coordinates Denervation-dependent Gene Induction and Suppression. Molecular Biology of the Cell, 2009, 20, 1120-1131.	2.1	114
14	Zebrafish MÃ¼ller glia-derived progenitors are multipotent, exhibit proliferative biases and regenerate excess neurons. Scientific Reports, 2016, 6, 24851.	3.3	114
15	Insm1a-mediated gene repression is essential for the formation and differentiation of MÃ¼ller glia-derived progenitors in the injured retina. Nature Cell Biology, 2012, 14, 1013-1023.	10.3	107
16	Analysis of DNA methylation reveals a partial reprogramming of the Muller glia genome during retina regeneration. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 19814-19819.	7.1	105
17	mTORC1 underlies ageâ€related muscle fiber damage and loss by inducing oxidative stress and catabolism. Aging Cell, 2019, 18, e12943.	6.7	104
18	mTORC1 Promotes Denervation-Induced Muscle Atrophy Through a Mechanism Involving the Activation of FoxO and E3 Ubiquitin Ligases. Science Signaling, 2014, 7, ra18.	3.6	98

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19	pak2a mutations cause cerebral hemorrhage in redhead zebrafish. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13996-14001.	7.1	89
20	Notch Suppression Collaborates with Ascl1 and Lin28 to Unleash a Regenerative Response in Fish Retina, But Not in Mice. Journal of Neuroscience, 2018, 38, 2246-2261.	3.6	86
21	Conditional gene expression and lineage tracing of tuba1a expressing cells during zebrafish development and retina regeneration. Journal of Comparative Neurology, 2010, 518, 4196-4212.	1.6	83
22	Myogenin regulates denervation-dependent muscle atrophy in mouse soleus muscle. Journal of Cellular Biochemistry, 2011, 112, 2149-2159.	2.6	83
23	Injury-Dependent MÃ¼ller Glia and Ganglion Cell Reprogramming during Tissue Regeneration Requires Apobec2a and Apobec2b. Journal of Neuroscience, 2012, 32, 1096-1109.	3.6	70
24	Activity-dependent gene regulation in skeletal muscle is mediated by a histone deacetylase (HDAC)-Dach2-myogenin signal transduction cascade. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16977-16982.	7.1	69
25	An Element in the Â1-Tubulin Promoter Is Necessary for Retinal Expression during Optic Nerve Regeneration But Not after Eye Injury in the Adult Zebrafish. Journal of Neuroscience, 2004, 24, 7663-7673.	3.6	66
26	Induction of ?1-tubulin gene expression during development and regeneration of the fish central nervous system. , 1998, 37, 429-440.		64
27	Induction of adult-type nicotinic acetylcholine receptor gene expression in noninnervated regenerating muscle. Neuron, 1991, 7, 649-658.	8.1	63
28	Excitotoxic brain injury in adult zebrafish stimulates neurogenesis and longâ€distance neuronal integration. Glia, 2014, 62, 2061-2079.	4.9	60
29	Tuba1a gene expression is regulated by KLF6/7 and is necessary for CNS development and regeneration in zebrafish. Molecular and Cellular Neurosciences, 2010, 43, 370-383.	2.2	58
30	Opposing Actions of Fgf8a on Notch Signaling Distinguish Two Muller Glial Cell Populations that Contribute to Retina Growth and Regeneration. Cell Reports, 2017, 19, 849-862.	6.4	47
31	Regulation of myogenin protein expression in denervated muscles from young and old rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R179-R188.	1.8	44
32	A reporter-assisted mutagenesis screen using Î±1-tubulin-GFP transgenic zebrafish uncovers missteps during neuronal development and axonogenesis. Developmental Biology, 2006, 296, 29-47.	2.0	39
33	CaM kinase II-dependent phosphorylation of myogenin contributes to activity-dependent suppression of nAChR gene expression in developing rat myotubes. Cellular Signalling, 2004, 16, 551-563.	3.6	37
34	Target-Dependent Regulation of Retinal Nicotinic Acetylcholine Receptor and Tubulin RNAs During Optic Nerve Regeneration in Goldfish. Journal of Neurochemistry, 1992, 58, 1009-1015.	3.9	32
35	The Regulation of Notch Signaling in Retinal Development and Regeneration. Current Pathobiology Reports, 2017, 5, 323-331.	3.4	31
36	Dach2-Hdac9 signaling regulates reinnervation of muscle endplates. Development (Cambridge), 2015, 142, 4038-48.	2.5	30

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37	Tgfb3 collaborates with PP2A and notch signaling pathways to inhibit retina regeneration. ELife, 2020, 9, .	6.0	30
38	Notch signaling via Hey1 and Id2b regulates MÃ¼ller glia's regenerative response to retinal injury. Glia, 2021, 69, 2882-2898.	4.9	29
39	Different regulatory elements are necessary for Î±I tubulin induction during CNS development and regeneration. NeuroReport, 2000, 11, 3859-3863.	1.2	22
40	CaM Kinase II-dependent Suppression of Nicotinic Acetylcholine Receptor Î´-Subunit Promoter Activity. Journal of Biological Chemistry, 2001, 276, 26057-26065.	3.4	22
41	Electrical Activity Suppresses Nicotinic Acetylcholine Receptor Î³ Subunit Promoter Activity. Developmental Biology, 1995, 168, 416-428.	2.0	21
42	Characterization of a Muscle-specific Enhancer in Human MuSK Promoter Reveals the Essential Role of Myogenin in Controlling Activity-dependent Gene Regulation. Journal of Biological Chemistry, 2006, 281, 3943-3953.	3.4	21
43	Role for calcium from the sarcoplasmic reticulum in coupling muscle activity to nicotinic acetylcholine receptor gene expression in rat. Journal of Neurobiology, 1998, 35, 245-257.	3.6	20
44	Zinc-binding Domain-dependent, Deaminase-independent Actions of Apolipoprotein B mRNA-editing Enzyme, Catalytic Polypeptide 2 (Apobec2), Mediate Its Effect on Zebrafish Retina Regeneration. Journal of Biological Chemistry, 2014, 289, 28924-28941.	3.4	20
45	Cloning and characterization of GETS-1, a goldfish Ets family member that functions as a transcriptional repressor in muscle. Biochemical Journal, 1998, 335, 267-275.	3.7	16
46	Rapamycin protects aging muscle. Aging, 2019, 11, 5868-5870.	3.1	15
47	Myogenin-dependent nAChR clustering in aneural myotubes. Molecular and Cellular Neurosciences, 2006, 31, 649-660.	2.2	13
48	Regeneration, morphogenesis and self-organization. Development (Cambridge), 2014, 141, 2745-2749.	2.5	12
49	Granulin 1 Promotes Retinal Regeneration in Zebrafish. , 2018, 59, 6057.		12
50	Antiviral Drug Ganciclovir Is a Potent Inhibitor of the Proliferation of MÃ¼ller Gliaâ€“Derived Progenitors During Zebrafish Retinal Regeneration. , 2016, 57, 1991.		9
51	Application of Cre-loxP Recombination for Lineage Tracing of Adult Zebrafish Retinal Stem Cells. Methods in Molecular Biology, 2012, 884, 129-140.	0.9	8
52	Enrichment Preferences of Singly Housed Zebrafish (Danio rerio). Journal of the American Association for Laboratory Animal Science, 2020, 59, 148-155.	1.2	8
53	Highly-restricted, cell-specific expression of the simian CMV-IE promoter in transgenic zebrafish with age and after heat shock. Gene Expression Patterns, 2009, 9, 54-64.	0.8	6
54	A dual function activity-dependent, muscle-specific enhancer from rat nicotinic acetylcholine receptor ?-subunit gene. , 1996, 31, 359-369.		4

#	Article	IF	Citations
55	A New Transgenic Line Reporting pStat3 Signaling in Glia. Zebrafish, 2014, 11, 588-589.	1.1	2