

Sheldon Rowan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2933079/publications.pdf>

Version: 2024-02-01

42
papers

3,387
citations

218677

26
h-index

330143

37
g-index

45
all docs

45
docs citations

45
times ranked

4203
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of apoptosis in HeLa cells by trans-activation-deficient p53.. Genes and Development, 1995, 9, 2170-2183.	5.9	500
2	Genetic analysis of the homeodomain transcription factor Chx10 in the retina using a novel multifunctional BAC transgenic mouse reporter. Developmental Biology, 2004, 271, 388-402.	2.0	283
3	atm and p53 cooperate in apoptosis and suppression of tumorigenesis, but not in resistance to acute radiation toxicity. Nature Genetics, 1997, 16, 397-401.	21.4	216
4	Transcriptional Regulation of the Melanoma Prognostic Marker Melastatin (TRPM1) by MITF in Melanocytes and Melanoma. Cancer Research, 2004, 64, 509-516.	0.9	191
5	Rb regulates proliferation and rod photoreceptor development in the mouse retina. Nature Genetics, 2004, 36, 351-360.	21.4	191
6	The A1 and A1B proteins of heterogeneous nuclear ribonucleoparticles modulate 5' splice site selection in vivo.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 6924-6928.	7.1	189
7	Involvement of a gut-retina axis in protection against dietary glycemia-induced age-related macular degeneration. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E4472-E4481.	7.1	179
8	Transdifferentiation of the retina into pigmented cells in ocular retardation mice defines a new function of the homeodomain gene Chx10. Development (Cambridge), 2004, 131, 5139-5152.	2.5	148
9	Mechanistic targeting of advanced glycation end-products in age-related diseases. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 3631-3643.	3.8	145
10	Retroviral integration within the Fli-2 locus results in inactivation of the erythroid transcription factor NF-E2 in Friend erythroleukemias: evidence that NF-E2 is essential for globin expression.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 8398-8402.	7.1	129
11	Mechanisms of apoptotic cell death. Leukemia, 1997, 11, 457-465.	7.2	121
12	Characterisation of human cyclin G1 and G2: DNA damage inducible genes. Oncogene, 1996, 13, 1103-9.	5.9	112
13	Notch signaling regulates growth and differentiation in the mammalian lens. Developmental Biology, 2008, 321, 111-122.	2.0	106
14	Precise temporal control of the eye regulatory gene <i>Pax6</i> via enhancer-binding site affinity. Genes and Development, 2010, 24, 980-985.	5.9	97
15	Oncogene-dependent Regulation of Caspase Activation by p53 Protein in a Cell-free System. Journal of Biological Chemistry, 1998, 273, 28378-28383.	3.4	78
16	Pax6 is regulated by Meis and Pbx homeoproteins during pancreatic development. Developmental Biology, 2006, 300, 748-757.	2.0	60
17	Altered ubiquitin causes perturbed calcium homeostasis, hyperactivation of calpain, dysregulated differentiation, and cataract. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1071-1076.	7.1	57
18	The Role of Microbiota in Retinal Disease. Advances in Experimental Medicine and Biology, 2018, 1074, 429-435.	1.6	54

#	ARTICLE	IF	CITATIONS
19	Preferential reduction of β^2 cells derived from Pax6 ^{Cre} MafB pathway in MafB deficient mice. <i>Developmental Biology</i> , 2008, 314, 443-456.	2.0	53
20	Stereospecificity and PAX6 function direct Hoxd4 neural enhancer activity along the antero-posterior axis. <i>Developmental Biology</i> , 2006, 299, 582-593.	2.0	49
21	Healthy Aging [®] Nutrition Matters: Start Early and Screen Often. <i>Advances in Nutrition</i> , 2021, 12, 1438-1448.	6.4	47
22	A POU factor binding site upstream of the Chx10 homeobox gene is required for Chx10 expression in subsets of retinal progenitor cells and bipolar cells. <i>Developmental Biology</i> , 2005, 281, 240-255.	2.0	37
23	Dietary Patterns, Carbohydrates, and Age-Related Eye Diseases. <i>Nutrients</i> , 2020, 12, 2862.	4.1	34
24	Endodermal Hedgehog signals modulate Notch pathway activity in the developing digestive tract mesenchyme. <i>Development (Cambridge)</i> , 2011, 138, 3225-3233.	2.5	31
25	Disassembly of the lens fiber cell nucleus to create a clear lens: The p27 descent. <i>Experimental Eye Research</i> , 2017, 156, 72-78.	2.6	30
26	Requirements for <i>Jag1</i> -mediated <i>Notch</i> signaling during early mouse lens development. <i>Developmental Dynamics</i> , 2012, 241, 493-504.	1.8	28
27	Studies of advanced glycation end products and oxidation biomarkers for type 2 diabetes. <i>BioFactors</i> , 2018, 44, 281-288.	5.4	27
28	Autophagic receptor p62 protects against glycation [®] -derived toxicity and enhances viability. <i>Aging Cell</i> , 2020, 19, e13257.	6.7	27
29	Considerations for the use of Cre recombinase for conditional gene deletion in the mouse lens. <i>Human Genomics</i> , 2019, 13, 10.	2.9	23
30	Glyoxalase System as a Therapeutic Target against Diabetic Retinopathy. <i>Antioxidants</i> , 2020, 9, 1062.	5.1	23
31	A low glycemic diet protects disease-prone Nrf2-deficient mice against age-related macular degeneration. <i>Free Radical Biology and Medicine</i> , 2020, 150, 75-86.	2.9	23
32	Gut microbiota modify risk for dietary glycemia-induced age-related macular degeneration. <i>Gut Microbes</i> , 2018, 9, 1-6.	9.8	18
33	The Glyoxalase System in Age-Related Diseases: Nutritional Intervention as Anti-Ageing Strategy. <i>Cells</i> , 2021, 10, 1852.	4.1	18
34	<i>Cfh</i> Genotype Interacts With Dietary Glycemic Index to Modulate Age-Related Macular Degeneration-Like Features in Mice. , 2014, 55, 492.		16
35	Pax6- and Six3-Mediated Induction of Lens Cell Fate in Mouse and Human ES Cells. <i>PLoS ONE</i> , 2014, 9, e115106.	2.5	15
36	Aged Nrf2-Null Mice Develop All Major Types of Age-Related Cataracts. , 2021, 62, 10.		13

#	ARTICLE	IF	CITATIONS
37	Alterations to the gut microbiome impair bone tissue strength in aged mice. Bone Reports, 2021, 14, 101065.	0.4	8
38	Gene-Diet Interactions in Age-Related Macular Degeneration. Advances in Experimental Medicine and Biology, 2016, 854, 95-101.	1.6	7
39	Generation and Characterization of Anti-Glucosepane Antibodies Enabling Direct Detection of Glucosepane in Retinal Tissue. ACS Chemical Biology, 2020, 15, 2655-2661.	3.4	3
40	Genetic analysis of the homeodomain transcription factor Chx10 in the retina using a novel multifunctional BAC transgenic mouse reporter. Developmental Biology, 2004, 271, 388-388.	2.0	0
41	Expression of K6W β -ubiquitin in the lens perturbs calcium homeostasis and results in calpain hyperactivation and differentiation abnormality. FASEB Journal, 2013, 27, 785.7.	0.5	0
42	Effects of Cfh genotype and dietary glycemic index on age-related macular degeneration in mice. FASEB Journal, 2013, 27, .	0.5	0