Sheldon Rowan

List of Publications by Year
in descending order

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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	Healthy Agingâ€"Nutrition Matters: Start Early and Screen Often. Advances in Nutrition, 2021, 12, 1438-1448.	6.4	47
2	Alterations to the gut microbiome impair bone tissue strength in aged mice. Bone Reports, 2021, 14, 101065.	0.4	8
3	The Glyoxalase System in Age-Related Diseases: Nutritional Intervention as Anti-Ageing Strategy. Cells, 2021, 10, 1852.	4.1	18
4	Aged Nrf2-Null Mice Develop All Major Types of Age-Related Cataracts. , 2021, 62, 10.		13
5	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
6	Dietary Patterns, Carbohydrates, and Age-Related Eye Diseases. Nutrients, 2020, 12, 2862.	4.1	34
7	Glyoxalase System as a Therapeutic Target against Diabetic Retinopathy. Antioxidants, 2020, 9, 1062.	5.1	23
8	Autophagic receptor p62 protects against glycationâ€derived toxicity and enhances viability. Aging Cell, 2020, 19, e13257.	6.7	27
9	A low glycemic diet protects disease-prone Nrf2-deficient mice against age-related macular degeneration. Free Radical Biology and Medicine, 2020, 150, 75-86.	2.9	23
10	Considerations for the use of Cre recombinase for conditional gene deletion in the mouse lens. Human Genomics, 2019, 13, 10.	2.9	23
11	Gut microbiota modify risk for dietary glycemia-induced age-related macular degeneration. Gut Microbes, 2018, 9, 1-6.	9.8	18
12	Studies of advanced glycation end products and oxidation biomarkers for type 2 diabetes. BioFactors, 2018, 44, 281-288.	5.4	27
13	The Role of Microbiota in Retinal Disease. Advances in Experimental Medicine and Biology, 2018, 1074, 429-435.	1.6	54
14	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
15	Disassembly of the lens fiber cell nucleus to create a clear lens: The p27 descent. Experimental Eye Research, 2017, 156, 72-78.	2.6	30
16	Involvement of a gutâ€"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
17	Gene-Diet Interactions in Age-Related Macular Degeneration. Advances in Experimental Medicine and Biology, 2016, 854, 95-101.	1.6	7
18	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

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19	Pax6- and Six3-Mediated Induction of Lens Cell Fate in Mouse and Human ES Cells. PLoS ONE, 2014, 9, e115106.	2.5	15
20	CfhGenotype Interacts With Dietary Glycemic Index to Modulate Age-Related Macular Degeneration-Like Features in Mice. , 2014, 55, 492.		16
21	Expression of K6Wâ€ubiquitin in the lens perturbs calcium homeostasis and results in calpain hyperactivation and differentiation abnormality. FASEB Journal, 2013, 27, 785.7.	0.5	0
22	Effects of Cfh genotype and dietary glycemic index on ageâ€related macular degeneration in mice. FASEB Journal, 2013, 27, .	0.5	0
23	Requirements for Jag1â€Rbpj mediated Notch signaling during early mouse lens development. Developmental Dynamics, 2012, 241, 493-504.	1.8	28
24	Endodermal Hedgehog signals modulate Notch pathway activity in the developing digestive tract mesenchyme. Development (Cambridge), 2011, 138, 3225-3233.	2.5	31
25	Precise temporal control of the eye regulatory gene Pax6 via enhancer-binding site affinity. Genes and Development, 2010, 24, 980-985.	5.9	97
26	Preferential reduction of Î² cells derived from Pax6â€“MafB pathway in MafB deficient mice. Developmental Biology, 2008, 314, 443-456.	2.0	53
27	Notch signaling regulates growth and differentiation in the mammalian lens. Developmental Biology, 2008, 321, 111-122.	2.0	106
28	Pax6 is regulated by Meis and Pbx homeoproteins during pancreatic development. Developmental Biology, 2006, 300, 748-757.	2.0	60
29	Stereospecificity and PAX6 function direct Hoxd4 neural enhancer activity along the antero-posterior axis. Developmental Biology, 2006, 299, 582-593.	2.0	49
30	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. Developmental Biology, 2005, 281, 240-255.	2.0	37
31	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
32	Transcriptional Regulation of the Melanoma Prognostic Marker Melastatin (TRPM1) by MITF in Melanocytes and Melanoma. Cancer Research, 2004, 64, 509-516.	0.9	191
33	Rb regulates proliferation and rod photoreceptor development in the mouse retina. Nature Genetics, 2004, 36, 351-360.	21.4	191
34	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
35	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
36	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

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37	Mechanisms of apoptotic cell death. Leukemia, 1997, 11, 457-465.	7.2	121
38	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
39	Characterisation of human cyclin G1 and G2: DNA damage inducible genes. Oncogene, 1996, 13, 1103-9.	5.9	112
40	Induction of apoptosis in HeLa cells by trans-activation-deficient p53.. Genes and Development, 1995, 9, 2170-2183.	5.9	500
41	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
42	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