Joseph A Brzezinski Iv

List of Publications by Year
in descending order

25	1,843	567281 15	713466 21
papers	citations	h-index	g-index

25	25	25	2058
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Math5is required for retinal ganglion cell and optic nerve formation. Development (Cambridge), 2001, 128, 2497-2508.	2.5	413
2	Targeting of GFP to newborn rods by Nrl promoter and temporal expression profiling of flow-sorted photoreceptors. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3890-3895.	7.1	310
3	Deletion of a remote enhancer near ATOH7 disrupts retinal neurogenesis, causing NCRNA disease. Nature Neuroscience, 2011, 14, 578-586.	14.8	139
4	Blimp1 controls photoreceptor versus bipolar cell fate choice during retinal development. Development (Cambridge), 2010, 137, 619-629.	2.5	132
5	Math5 defines the ganglion cell competence state in a subpopulation of retinal progenitor cells exiting the cell cycle. Developmental Biology, 2012, 365, 395-413.	2.0	125
6	Photoreceptor cell fate specification in vertebrates. Development (Cambridge), 2015, 142, 3263-3273.	2.5	122
7	Ascl1 expression defines a subpopulation of lineage-restricted progenitors in the mammalian retina. Development (Cambridge), 2011, 138, 3519-3531.	2.5	121
8	Astrocytes follow ganglion cell axons to establish an angiogenic template during retinal development. Glia, 2017, 65, 1697-1716.	4.9	71
9	Math5 expression and function in the central auditory system. Molecular and Cellular Neurosciences, 2008, 37, 153-169.	2.2	61
10	DNase I hypersensitivity analysis of the mouse brain and retina identifies region-specific regulatory elements. Epigenetics and Chromatin, 2015, 8, 8.	3.9	60
11	Loss of Circadian Photoentrainment and Abnormal Retinal Electrophysiology inMath5Mutant Mice. , 2005, 46, 2540.		56
12	Blimp1 (Prdm1) prevents re-specification of photoreceptors into retinal bipolar cells by restricting competence. Developmental Biology, 2013, 384, 194-204.	2.0	41
13	Simultaneous deletion of Prdm1 and Vsx2 enhancers in the retina alters photoreceptor and bipolar cell fate specification, yet differs from deleting both genes. Development (Cambridge), 2020, 147, .	2.5	22
14	Prdm1 functions in the mesoderm of the second heart field, where it interacts genetically with Tbx1, during outflow tract morphogenesis in the mouse embryo. Human Molecular Genetics, 2014, 23, 5087-5101.	2.9	21
15	Prdm13 is required for Ebf3+ amacrine cell formation in the retina. Developmental Biology, 2018, 434, 149-163.	2.0	19
16	Transcriptional profiling of murine retinas undergoing semi-synchronous cone photoreceptor differentiation. Developmental Biology, 2019, 453, 155-167.	2.0	19
17	Heterochronic misexpression of Ascl1 in the Atoh7 retinal cell lineage blocks cell cycle exit. Molecular and Cellular Neurosciences, 2013, 54, 108-120.	2.2	18
18	Combinatorial regulation of a Blimp1 (Prdm1) enhancer in the mouse retina. PLoS ONE, 2017, 12, e0176905.	2.5	18

#	Article	IF	Citations
19	Prdm1 overexpression causes a photoreceptor fate-shift in nascent, but not mature, bipolar cells. Developmental Biology, 2020, 464, 111-123.	2.0	17
20	Initiation of Otx2 expression in the developing mouse retina requires a unique enhancer and either Ascl1 or Neurog2 activity. Development (Cambridge), 2021, 148, .	2.5	16
21	The Transcription Factor Prdm16 Marks a Single Retinal Ganglion Cell Subtype in the Mouse Retina. , 2017, 58, 5421.		15
22	Gsg1, Trnp1, and Tmem215 Mark Subpopulations of Bipolar Interneurons in the Mouse Retina. , 2017, 58, 1137.		14
23	Aspirin inhibits TGFÎ²2-induced epithelial to mesenchymal transition of lens epithelial cells: selective acetylation of K56 and K122 in histone H3. Biochemical Journal, 2020, 477, 75-97.	3.7	10
24	An enhancer located in a Pde6c intron drives transient expression in the cone photoreceptors of developing mouse and human retinas. Developmental Biology, 2022, 488, 131-150.	2.0	3
25	â€œBiology of the Eye,â€•A Novel Multiformat Translational Elective for Medical Students. Journal of Academic Ophthalmology (2017), 2019, 11, e30-e35.	0.5	0