

William J Brunken

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,144
citations

430874

18
h-index

610901

24
g-index

30
all docs

30
docs citations

30
times ranked

1186
citing authors

#	ARTICLE	IF	CITATIONS
1	Laminin Expression in Adult and Developing Retinae: Evidence of Two Novel CNS Laminins. <i>Journal of Neuroscience</i> , 2000, 20, 6517-6528.	3.6	247
2	Disruption of Laminin β 2 Chain Production Causes Alterations in Morphology and Function in the CNS. <i>Journal of Neuroscience</i> , 1999, 19, 9399-9411.	3.6	148
3	Laminins containing the β 2 and β 3 chains regulate astrocyte migration and angiogenesis in the retina. <i>Development (Cambridge)</i> , 2013, 140, 2050-2060.	2.5	82
4	Defective Formation of the Inner Limiting Membrane in Laminin β 2- and β 3-Null Mice Produces Retinal Dysplasia. , 2010, 51, 1773.		60
5	Collagen XVII and BPAG1 expression in the retina: Evidence for an anchoring complex in the central nervous system. <i>Journal of Comparative Neurology</i> , 2005, 487, 190-203.	1.6	57
6	Laminins containing the β 2 chain modulate the precise organization of CNS synapses. <i>Molecular and Cellular Neurosciences</i> , 2007, 34, 288-298.	2.2	50
7	CNS Neurons Deposit Laminin β 5 to Stabilize Synapses. <i>Cell Reports</i> , 2017, 21, 1281-1292.	6.4	45
8	Enhanced Wound Healing, Kinase and Stem Cell Marker Expression in Diabetic Organ-Cultured Human Corneas Upon MMP-10 and Cathepsin F Gene Silencing. , 2013, 54, 8172.		39
9	5-HT _{2a} receptors in the rabbit retina: Potential presynaptic modulators. <i>Visual Neuroscience</i> , 1999, 16, 221-230.	1.0	38
10	Laminin deficits induce alterations in the development of dopaminergic neurons in the mouse retina. <i>Visual Neuroscience</i> , 2007, 24, 549-562.	1.0	37
11	Alterations of epithelial stem cell marker patterns in human diabetic corneas and effects of c-met gene therapy. <i>Molecular Vision</i> , 2011, 17, 2177-90.	1.1	35
12	Identification of the cellular source of laminin β 2 in adult and developing vertebrate retinae. , 1997, 389, 655-667.		33
13	The β 3 chain of laminin is widely but differentially expressed in murine basement membranes: Expression and functional studies. <i>Matrix Biology</i> , 2012, 31, 120-134.	3.6	29
14	Genetic Deletion of Laminin Isoforms β 2 and β 3 Induces a Reduction in Kir4.1 and Aquaporin-4 Expression and Function in the Retina. <i>PLoS ONE</i> , 2011, 6, e16106.	2.5	28
15	Laminin-Dependent Interaction between Astrocytes and Microglia. <i>American Journal of Pathology</i> , 2017, 187, 2112-2127.	3.8	26
16	Normalization of wound healing and stem cell marker patterns in organ-cultured human diabetic corneas by gene therapy of limbal cells. <i>Experimental Eye Research</i> , 2014, 129, 66-73.	2.6	24
17	Extracellular Matrix components regulate cellular polarity and tissue structure in the developing and mature Retina. <i>Journal of Ophthalmic and Vision Research</i> , 2015, 10, 329.	1.0	24
18	A role for 5HT ₃ receptors in visual processing in the mammalian retina. <i>Visual Neuroscience</i> , 1993, 10, 511-522.	1.0	21

#	ARTICLE	IF	CITATIONS
19	Lack of netrin-4 modulates pathologic neovascularization in the eye. <i>Scientific Reports</i> , 2016, 6, 18828.	3.3	20
20	Neuropharmacological analysis of the role of indoleamine-accumulating amacrine cells in the rabbit retina. <i>Visual Neuroscience</i> , 1988, 1, 275-285.	1.0	19
21	The effects of serotonin drugs on horizontal and ganglion cells in the rabbit retina. <i>Visual Neuroscience</i> , 1992, 8, 213-218.	1.0	18
22	The effects of serotonin agonists and antagonists on the response properties of complex ganglion cells in the rabbit's retina. <i>Visual Neuroscience</i> , 1988, 1, 181-188.	1.0	17
23	CNS synapses are stabilized transsynaptically by laminins and laminin-interacting proteins. <i>Journal of Comparative Neurology</i> , 2019, 527, 67-86.	1.6	15
24	Serotonin receptors modulate rod signals: A neuropharmacological comparison of light- and dark-adapted retinas. <i>Visual Neuroscience</i> , 1998, 15, 891-902.	1.0	13
25	Laminin Î2 Chain Regulates Retinal Progenitor Cell Mitotic Spindle Orientation via Dystroglycan. <i>Journal of Neuroscience</i> , 2018, 38, 5996-6010.	3.6	10
26	Laminin-dystroglycan signaling regulates retinal arteriogenesis. <i>FASEB Journal</i> , 2018, 32, 6261-6273.	0.5	7
27	Research beyond Walls: State University of New York (SUNY) Eye Institute. <i>Journal of Ophthalmic and Vision Research</i> , 2012, 7, 94-6.	1.0	2
28	Laminin Î2 Chain Regulates Cell Cycle Dynamics in the Developing Retina. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 802593.	3.7	0