

Colin J Barnstable

List of Publications by Year in descending order

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147
papers

15,049
citations

43973

48
h-index

18075

120
g-index

151
all docs

151
docs citations

151
times ranked

11656
citing authors

#	ARTICLE	IF	CITATIONS
1	Complement Factor H Polymorphism in Age-Related Macular Degeneration. <i>Science</i> , 2005, 308, 385-389.	6.0	4,018
2	Production of monoclonal antibodies to group A erythrocytes, HLA and other human cell surface antigens-new tools for genetic analysis. <i>Cell</i> , 1978, 14, 9-20.	13.5	1,905
3	HTRA1 Promoter Polymorphism in Wet Age-Related Macular Degeneration. <i>Science</i> , 2006, 314, 989-992.	6.0	812
4	Monoclonal Antibodies for Analysis of the HLA System. <i>Immunological Reviews</i> , 1979, 47, 3-61.	2.8	721
5	PEDF: a multifaceted neurotrophic factor. <i>Nature Reviews Neuroscience</i> , 2003, 4, 628-636.	4.9	344
6	Monoclonal antibodies which recognize different cell types in the rat retina. <i>Nature</i> , 1980, 286, 231-235.	13.7	311
7	A marker of early amacrine cell development in rat retina. <i>Developmental Brain Research</i> , 1985, 20, 286-290.	2.1	298
8	Thy-1 antigen: A ganglion cell specific marker in rodent retina. <i>Neuroscience</i> , 1984, 11, 847-855.	1.1	291
9	Retinal ganglion cells express a cGMP-gated cation conductance activatable by nitric oxide donors. <i>Neuron</i> , 1994, 12, 155-165.	3.8	237
10	The Genetic Control of HLA-A and B Antigens in Somatic Cell Hybrids: Requirement for β_2 Microglobulin. <i>Tissue Antigens</i> , 1978, 11, 96-112.	1.0	220
11	Neuroprotective and antiangiogenic actions of PEDF in the eye: molecular targets and therapeutic potential. <i>Progress in Retinal and Eye Research</i> , 2004, 23, 561-577.	7.3	216
12	Coexpression of opsin- and VIP-like-immunoreactivity in CSF-contacting neurons of the avian brain. <i>Cell and Tissue Research</i> , 1988, 253, 189-98.	1.5	199
13	A cell surface molecule distributed in a dorsoventral gradient in the perinatal rat retina. <i>Nature</i> , 1986, 324, 459-462.	13.7	195
14	Uncoupling Protein-2 Is Critical for Nigral Dopamine Cell Survival in a Mouse Model of Parkinson's Disease. <i>Journal of Neuroscience</i> , 2005, 25, 184-191.	1.7	181
15	Uncoupling Protein 2 Prevents Neuronal Death Including that Occurring during Seizures: A Mechanism for Preconditioning. <i>Endocrinology</i> , 2003, 144, 5014-5021.	1.4	177
16	Osteoblasts and osteoclasts express PEDF, VEGF-A isoforms, and VEGF receptors: possible mediators of angiogenesis and matrix remodeling in the bone. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 573-579.	1.0	150
17	In vitro transdifferentiation of embryonic rat retinal pigment epithelium to neural retina. <i>Brain Research</i> , 1995, 677, 300-310.	1.1	132
18	Differentiation and Transdifferentiation of the Retinal Pigment Epithelium. <i>International Review of Cytology</i> , 1997, 171, 225-266.	6.2	121

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19	Cell commitment and differentiation in explants of embryonic rat neural retina. Comparison with the developmental potential of dissociated retina. <i>Developmental Brain Research</i> , 1990, 51, 69-84.	2.1	118
20	Pigment Epithelium-Derived Factor (PEDF) Peptide Eye Drops Reduce Inflammation, Cell Death and Vascular Leakage in Diabetic Retinopathy in Ins2Akita Mice. <i>Molecular Medicine</i> , 2012, 18, 1387-1401.	1.9	114
21	Coenzyme Q Induces Nigral Mitochondrial Uncoupling and Prevents Dopamine Cell Loss in a Primate Model of Parkinson's Disease. <i>Endocrinology</i> , 2003, 144, 2757-2760.	1.4	112
22	The subcellular localization of OTX2 is cell-type specific and developmentally regulated in the mouse retina. <i>Molecular Brain Research</i> , 2000, 78, 26-37.	2.5	111
23	Rat hippocampal neurons express genes for both rod retinal and olfactory cyclic nucleotide-gated channels: novel targets for cAMP/cGMP function.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 10440-10445.	3.3	110
24	Cyclic nucleotide gated channels as regulators of CNS development and plasticity. <i>Current Opinion in Neurobiology</i> , 1997, 7, 404-412.	2.0	108
25	Glutamate and GABA in retinal circuitry. <i>Current Opinion in Neurobiology</i> , 1993, 3, 520-525.	2.0	105
26	Identification and characterization of cell types in monolayer cultures of rat retina using monoclonal antibodies. <i>Brain Research</i> , 1986, 383, 110-120.	1.1	101
27	Therapeutic prospects for PEDF: more than a promising angiogenesis inhibitor. <i>Trends in Molecular Medicine</i> , 2003, 9, 244-250.	3.5	101
28	Molecular determinants of GABAergic local-circuit neurons in the visual cortex. <i>Trends in Neurosciences</i> , 1989, 12, 28-34.	4.2	99
29	Developmental and tissue-specific expression of the rod photoreceptor cGMP-gated ion channel gene. <i>Biochemical and Biophysical Research Communications</i> , 1990, 173, 463-470.	1.0	96
30	Bacterial endotoxin activates retinal pigment epithelial cells and induces their degeneration through IL-6 and IL-8 autocrine signaling. <i>Molecular Immunology</i> , 2009, 46, 1374-1386.	1.0	96
31	Isolation and N-terminal amino acid sequence of membrane-bound human HLA-A and HLA-B antigens. <i>Nature</i> , 1976, 261, 200-205.	13.7	93
32	Differential Laminal Expression of Particulate and Soluble Guanylate Cyclase Genes in Rat Retina. <i>Experimental Eye Research</i> , 1993, 56, 51-62.	1.2	91
33	A PEDF N-terminal peptide protects the retina from ischemic injury when delivered in PLGA nanospheres. <i>Experimental Eye Research</i> , 2006, 83, 824-833.	1.2	90
34	A calcium-permeable cGMP-activated cation conductance in hippocampal neurons. <i>NeuroReport</i> , 1995, 6, 1761-1765.	0.6	88
35	Molecular and pharmacological analysis of cyclic nucleotide-gated channel function in the central nervous system. <i>Progress in Neurobiology</i> , 1998, 56, 37-64.	2.8	83
36	Mitochondrial uncoupling protein 2 in the central nervous system: neuromodulator and neuroprotector. <i>Biochemical Pharmacology</i> , 2003, 65, 1917-1921.	2.0	77

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37	A molecular view of vertebrate retinal development. <i>Molecular Neurobiology</i> , 1987, 1, 9-46.	1.9	74
38	PEDF induces apoptosis in human endothelial cells by activating p38 MAP kinase dependent cleavage of multiple caspases. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 1288-1295.	1.0	74
39	The subcellular localization of rat photoreceptor-specific antigens. <i>Journal of Neurocytology</i> , 1983, 12, 785-803.	1.6	72
40	Retinal ganglion cell survival is promoted by genetically modified astrocytes designed to secrete brain-derived neurotrophic factor (BDNF). <i>Brain Research</i> , 1994, 647, 30-36.	1.1	67
41	STAT3 activation in response to growth factors or cytokines participates in retina precursor proliferation. <i>Experimental Eye Research</i> , 2005, 81, 103-115.	1.2	66
42	STAT3-Mediated Signaling in the Determination of Rod Photoreceptor Cell Fate in Mouse Retina. , 2004, 45, 2407.		63
43	Expression of ZnT and ZIP Zinc Transporters in the Human RPE and Their Regulation by Neurotrophic Factors. , 2008, 49, 1221.		62
44	Monoclonal antibody HNK-1 selectively stains a subpopulation of GABAergic neurons containing the calcium-binding protein parvalbumin in the rat cerebral cortex. <i>Experimental Brain Research</i> , 1990, 82, 566-74.	0.7	56
45	Regulation of factors controlling angiogenesis in liver development: a role for PEDF in the formation and maintenance of normal vasculature. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 408-413.	1.0	56
46	Substituted cGMP analogs can act as selective agonists of the rod photoreceptor cGMP-gated cation channel. <i>Journal of Molecular Neuroscience</i> , 1998, 10, 53-64.	1.1	55
47	Developmentally Regulated Linker Histone H1c Promotes Heterochromatin Condensation and Mediates Structural Integrity of Rod Photoreceptors in Mouse Retina. <i>Journal of Biological Chemistry</i> , 2013, 288, 17895-17907.	1.6	54
48	Histiotypic organization and cell differentiation in rat retinal reaggregate cultures. <i>Brain Research</i> , 1987, 437, 298-308.	1.1	51
49	Differential effects of bFGF on development of the rat retina. <i>Brain Research</i> , 1996, 723, 169-176.	1.1	50
50	Widespread expression of olfactory cyclic nucleotide-gated channel genes in rat brain: Implications for neuronal signalling. , 1999, 32, 1-12.		50
51	Retinoic acid and dexamethasone regulate the expression of PEDF in retinal and endothelial cells. <i>Experimental Eye Research</i> , 2004, 78, 945-955.	1.2	50
52	Uncoupling proteins in the mitochondrial defense against oxidative stress. <i>Progress in Retinal and Eye Research</i> , 2021, 83, 100941.	7.3	50
53	Identification of Competitive Antagonists of the Rod Photoreceptor cGMP-Gated Cation Channel:Â 1,2-Phenyl-1,N2-etheno-Substituted cGMP Analogues as Probes of the cGMP-Binding Siteâ€. <i>Biochemistry</i> , 1996, 35, 16815-16823.	1.2	49
54	Lectin and antibody labelling of developing rat photoreceptor cells: an electron microscope immunocytochemical study. <i>Journal of Neurocytology</i> , 1986, 15, 219-230.	1.6	48

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55	Expression of the cell surface antigens RET-PE2 and N-CAM by rat retinal pigment epithelial cells during development and in tissue culture. <i>Experimental Eye Research</i> , 1990, 51, 573-583.	1.2	48
56	A carbohydrate epitope defined by monoclonal antibody VC1.1 is found on N-CAM and other cell adhesion molecules. <i>Brain Research</i> , 1991, 559, 118-129.	1.1	47
57	Expression and activation of STAT proteins during mouse retina development. <i>Experimental Eye Research</i> , 2003, 76, 421-431.	1.2	47
58	PEDF and the serpins: Phylogeny, sequence conservation, and functional domains. <i>Journal of Structural Biology</i> , 2005, 151, 130-150.	1.3	47
59	Stage and Gene Specific Signatures Defined by Histones H3K4me2 and H3K27me3 Accompany Mammalian Retina Maturation In Vivo. <i>PLoS ONE</i> , 2012, 7, e46867.	1.1	47
60	Modulation of synaptic function by cGMP and cGMP-gated cation channels. <i>Neurochemistry International</i> , 2004, 45, 875-884.	1.9	43
61	Expression of angiogenesis factors in human umbilical vein endothelial cells and their regulation by PEDF. <i>Biochemical and Biophysical Research Communications</i> , 2005, 326, 387-394.	1.0	43
62	A biphasic pattern of gene expression during mouse retina development. <i>BMC Developmental Biology</i> , 2006, 6, 48.	2.1	42
63	STAT3 activation protects retinal ganglion cell layer neurons in response to stress. <i>Experimental Eye Research</i> , 2008, 86, 991-997.	1.2	42
64	Expression of the growth cone specific epitope CDA 1 and the Synaptic vesicle protein SVP38 in the developing mammalian cerebral cortex. <i>Journal of Comparative Neurology</i> , 1989, 290, 154-168.	0.9	40
65	SVP38: A Synaptic Vesicle Protein Whose Appearance Correlates Closely with Synaptogenesis in the Rat Nervous System. <i>Annals of the New York Academy of Sciences</i> , 1987, 493, 493-496.	1.8	38
66	Immunological Studies of the Diversity and Development of the Mammalian Visual System. <i>Immunological Reviews</i> , 1987, 100, 47-78.	2.8	38
67	Expression of a unique 56-kDa polypeptide by neurons in the subplate zone of the developing cerebral cortex.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 330-334.	3.3	37
68	Rat retinal Müller cells express Thy-1 following neuronal cell death. <i>Glia</i> , 1995, 14, 23-32.	2.5	37
69	Tissue culture studies of retinal development. <i>Methods</i> , 2002, 28, 439-447.	1.9	37
70	Stat3 mediates LIF-induced protection of astrocytes against toxic ROS by upregulating the UPC2 mRNA pool. <i>Glia</i> , 2014, 62, 159-170.	2.5	35
71	Molecular Aspects of Vertebrate Retinal Development. <i>Molecular Neurobiology</i> , 2002, 26, 137-152.	1.9	34
72	An astrocytic binding site for neuronal Thy-1 and its effect on neurite outgrowth.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 11195-11199.	3.3	33

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73	LSD1-Mediated Demethylation of H3K4me2 Is Required for the Transition from Late Progenitor to Differentiated Mouse Rod Photoreceptor. <i>Molecular Neurobiology</i> , 2016, 53, 4563-4581.	1.9	32
74	Protective effect of arachidonic acid on glutamate neurotoxicity in rat retinal ganglion cells. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 1835-42.	3.3	32
75	Chapter 3 Molecular aspects of development of mammalian optic cup and formation of retinal cell types. <i>Progress in Retinal and Eye Research</i> , 1991, 10, 45-67.	0.8	31
76	Histone Deacetylase 1 Is Essential for Rod Photoreceptor Differentiation by Regulating Acetylation at Histone H3 Lysine 9 and Histone H4 Lysine 12 in the Mouse Retina. <i>Journal of Biological Chemistry</i> , 2017, 292, 2422-2440.	1.6	31
77	Experimental preretinal neovascularization by laser-induced venous thrombosis in rats. <i>Current Eye Research</i> , 1997, 16, 26-33.	0.7	30
78	cGMP-induced presynaptic depression and postsynaptic facilitation at glutamatergic synapses in visual cortex. <i>Brain Research</i> , 2002, 927, 42-54.	1.1	30
79	Monoclonal antibody VC1.1 selectively stains a population of GABAergic neurons containing the calcium-binding protein parvalbumin in the rat cerebral cortex. <i>Experimental Brain Research</i> , 1989, 78, 43-50.	0.7	29
80	Uncoupling protein 2 in the glial response to stress: implications for neuroprotection. <i>Neural Regeneration Research</i> , 2016, 11, 1197.	1.6	28
81	Erx, a Novel Retina-Specific Homeodomain Transcription Factor, Can Interact with Ret 1/PCEI Sites. <i>Biochemical and Biophysical Research Communications</i> , 1998, 250, 175-180.	1.0	27
82	Ret 1, a <i>Cis</i> -Acting Element of the Rat Opsin Promoter, Can Direct Gene Expression in Rod Photoreceptors. <i>Journal of Neurochemistry</i> , 1996, 67, 2494-2504.	2.1	26
83	Mitochondrial Uncoupling Protein 2 Knockout Promotes Mitophagy to Decrease Retinal Ganglion Cell Death in a Mouse Model of Glaucoma. <i>Journal of Neuroscience</i> , 2019, 39, 2702-18.	1.7	26
84	The Structure and Evolution of the HLA-B*4 and B*6 Antigens. <i>Tissue Antigens</i> , 1979, 13, 334-341.	1.0	25
85	Mitochondrial Uncoupling Protein 2 (UCP2) Regulates Retinal Ganglion Cell Number and Survival. <i>Journal of Molecular Neuroscience</i> , 2016, 58, 461-469.	1.1	25
86	Specific Protein Kinase C Isoforms Are Required for Rod Photoreceptor Differentiation. <i>Journal of Neuroscience</i> , 2011, 31, 18606-18617.	1.7	24
87	Immunoelectron microscopical examination of the surface distribution of opsin in rat rod photoreceptor cells. <i>Experimental Eye Research</i> , 1989, 49, 13-29.	1.2	22
88	Miniature postsynaptic currents depend on Ca ²⁺ released from internal stores via PLC/IP3 pathway. <i>NeuroReport</i> , 2001, 12, 2203-2207.	0.6	22
89	Production of Specific Antisera to Human B Lymphocytes. <i>Tissue Antigens</i> , 1976, 7, 105-117.	1.0	22
90	PEDF and GDNF are key regulators of photoreceptor development and retinal neurogenesis in reagggregates from chick embryonic retina. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2009, 2, 1-11.	0.2	22

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91	Therapeutic Retrobulbar Inhibition of STAT3 Protects Ischemic Retina Ganglion Cells. <i>Molecular Neurobiology</i> , 2015, 52, 1364-1377.	1.9	20
92	Tetrandrine protects mouse retinal ganglion cells from ischemic injury. <i>Drug Design, Development and Therapy</i> , 2014, 8, 327.	2.0	19
93	Characterization and regulation of the protein binding to a cis-acting element, RET 1, in the rat opsin promoter. <i>Journal of Molecular Neuroscience</i> , 1994, 5, 259-271.	1.1	18
94	Isolation and characterization of the β -subunit of the rat rod photoreceptor cGMP-gated cation channel. <i>Journal of Molecular Neuroscience</i> , 1995, 6, 289-302.	1.1	18
95	CD4 positive T helper cells contribute to retinal ganglion cell death in mouse model of ischemia reperfusion injury. <i>Experimental Eye Research</i> , 2013, 115, 131-139.	1.2	18
96	Molecular Mechanisms of Neuroprotection in the Eye. , 2006, 572, 291-295.		17
97	Activin Signals through SMAD2/3 to Increase Photoreceptor Precursor Yield during Embryonic Stem Cell Differentiation. <i>Stem Cell Reports</i> , 2017, 9, 838-852.	2.3	17
98	Inhibition of Epigenetic Modifiers LSD1 and HDAC1 Blocks Rod Photoreceptor Death in Mouse Models of Retinitis Pigmentosa. <i>Journal of Neuroscience</i> , 2021, 41, 6775-6792.	1.7	16
99	Molecular phylogeny of the antiangiogenic and neurotrophic serpin, pigment epithelium derived factor in vertebrates. <i>BMC Genomics</i> , 2006, 7, 248.	1.2	15
100	Selectivity of Thy-1 monoclonal antibodies in enhancing neurite outgrowth. <i>Neuroscience Letters</i> , 1992, 137, 75-77.	1.0	14
101	Developmental and tissue expression patterns of mouse Mpp4 gene. <i>Biochemical and Biophysical Research Communications</i> , 2003, 307, 229-235.	1.0	14
102	Comprehensive in silico functional specification of mouse retina transcripts. <i>BMC Genomics</i> , 2005, 6, 40.	1.2	14
103	Immunological Studies of the Retina. , 1982, , 183-214.		14
104	PEDF is an endogenous inhibitor of VEGF-R2 angiogenesis signaling in endothelial cells. <i>Experimental Eye Research</i> , 2021, 213, 108828.	1.2	14
105	Selective localization of glycine-accumulating cells in reaggregate culture of rat retina. <i>Developmental Brain Research</i> , 1987, 31, 124-128.	2.1	13
106	Direct blockade of both cloned rat rod photoreceptor cyclic nucleotide-gated non-selective cation (CNG) channel β -subunit and native CNG channels from <i>Xenopus</i> rod outer segments by H-8, a non-specific cyclic nucleotide-dependent protein kinase inhibitor. <i>Neuroscience Letters</i> , 1997, 233, 37-40.	1.0	13
107	Rapid Communication: A cis-Acting Element, β 1, in the Upstream Region of Rod β -Transducin Gene that Binds a Developmentally Regulated Retina-specific Nuclear Factor. <i>Journal of Neurochemistry</i> , 1994, 62, 396-399.	2.1	12
108	Regulation of Rod Photoreceptor Differentiation by STAT3 Is Controlled by a Tyrosine Phosphatase. <i>Journal of Molecular Neuroscience</i> , 2015, 55, 152-159.	1.1	12

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109	Cell Autonomous Neuroprotection by the Mitochondrial Uncoupling Protein 2 in a Mouse Model of Glaucoma. <i>Frontiers in Neuroscience</i> , 2019, 13, 201.	1.4	12
110	Comparison of gene expression during in vivo and in vitro postnatal retina development. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2008, 1, 59-72.	0.2	11
111	Cell Type-Specific Epigenetic Signatures Accompany Late Stages of Mouse Retina Development. <i>Advances in Experimental Medicine and Biology</i> , 2014, 801, 3-8.	0.8	10
112	Cyclic Nucleotide-Gated Nonselective Cation Channels: A Multifunctional Gene Family. , 1993, 66, 121-133.		10
113	uncoupling protein UCP2. <i>Neurochemistry International</i> , 2021, 151, 105214.	1.9	10
114	Neurosciences: How molecular is neurobiology?. <i>Nature</i> , 1983, 306, 14-16.	13.7	9
115	HPC-7: A novel oligodendrocyte lineage protein which appears prior to galactocerebroside. <i>Glia</i> , 1998, 23, 169-179.	2.5	9
116	Monoclonal Antibodies as Molecular Probes of the Nervous System. , 1985, , 269-289.		9
117	Perineuronal nets labeled by monoclonal antibody VC1.1 ensheath interneurons expressing parvalbumin and calbindin in the rat amygdala. <i>Brain Structure and Function</i> , 2018, 223, 1133-1148.	1.2	8
118	Pluripotent Stem Cells as Models of Retina Development. <i>Molecular Neurobiology</i> , 2019, 56, 6056-6070.	1.9	8
119	Cell differentiation and pattern formation in the developing mammalian retina. <i>Neuroscience Research Supplement: the Official Journal of the Japan Neuroscience Society</i> , 1988, 8, S27-S41.	0.0	7
120	Generation of Photoreceptor Precursors from Mouse Embryonic Stem Cells. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 247-261.	5.6	7
121	Identification and prediction of alternative transcription start sites that generate rod photoreceptor-specific transcripts from ubiquitously expressed genes. <i>PLoS ONE</i> , 2017, 12, e0179230.	1.1	6
122	Novel Regulators of Retina Neovascularization: A Proteomics Approach. <i>Journal of Proteome Research</i> , 2022, 21, 101-117.	1.8	6
123	Developmental expression of the rat rod photoreceptor cGMP-gated cation channel. <i>Visual Neuroscience</i> , 1998, 15, 823-829.	0.5	5
124	Mitochondria and the regulation of free radical damage in the eye. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2009, 2, 145-148.	0.2	5
125	Mitochondrial Uncoupling Proteins: Regulators of Retinal Cell Death. <i>Advances in Experimental Medicine and Biology</i> , 2003, 533, 269-275.	0.8	5
126	Uncoupling Proteins as Therapeutic Targets for Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5672.	1.8	5

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127	Deletion of the Pedf gene leads to inflammation, photoreceptor loss and vascular disturbances in the retina. <i>Experimental Eye Research</i> , 2022, 222, 109171.	1.2	5
128	Isolation and coding sequence of the rat rod opsin gene. <i>Journal of Molecular Neuroscience</i> , 1994, 5, 207-209.	1.1	4
129	MAPK signaling during Müller glial cell development in retina explant cultures. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2010, 3, 129-133.	0.2	4
130	PEDF Gene Deletion Disrupts Corneal Innervation and Ocular Surface Function. , 2021, 62, 18.		4
131	Monoclonal antibodies as tools to dissect the nervous system. <i>Trends in Immunology</i> , 1982, 3, 157-168.	7.5	3
132	Chapter 23 Molecular properties of GABAergic local-circuit neurons in the mammalian visual cortex. <i>Progress in Brain Research</i> , 1992, 90, 503-522.	0.9	3
133	Developmental expression of intracellular targets of cGMP in rat visual cortex and alteration with dark rearing. <i>Visual Neuroscience</i> , 2001, 18, 109-118.	0.5	3
134	A gradient of membrane protein in the retina. <i>Nature</i> , 1981, 292, 13-14.	13.7	2
135	The 3-Phosphoinositide-Dependent Protein Kinase 1 Inhibits Rod Photoreceptor Development. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 134.	1.8	2
136	Protein Kinase C Regulates Rod Photoreceptor Differentiation Through Modulation of STAT3 Signaling. <i>Advances in Experimental Medicine and Biology</i> , 2010, 664, 21-28.	0.8	2
137	Neurobiology: Clues about glues in development. <i>Nature</i> , 1986, 321, 731-732.	13.7	1
138	Identification of Cell Types in Neural Cultures. , 1992, , 21-62.		1
139	Epigenetics rules. <i>Journal of Ocular Biology, Diseases, and Informatics</i> , 2011, 4, 93-94.	0.2	1
140	Immunostaining and Identification of Antigens. , 1997, , 197-205.		1
141	Pluripotential stem cells as replacement therapy in degenerative diseases of the eye. <i>Annals of Translational Medicine</i> , 2019, 7, S156-S156.	0.7	1
142	Molecular heterogeneity and the nervous system. <i>Nature</i> , 1982, 298, 708-709.	13.7	0
143	Mechanisms of photoreceptor degenerations. <i>Behavioral and Brain Sciences</i> , 1995, 18, 470-470.	0.4	0
144	A Molecular View of Vertebrate Retinal Development. , 1988, , 9-46.		0

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145	Control of Neovascularization and Cell Survival in the Eye by PEDF. , 2006, , 215-231.		0
146	Neuroprotective Factors and Retinal Degenerations. , 2007, , 433-454.		0
147	Epidemiology of and Risk Factors for Primary Open-Angle Glaucoma. , 2008, , 19-33.		0