# Colin J Barnstable

List of Publications by Year
in descending order



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|---|---|---|---|
| 147 papers | 15,049 citations | 43973<br>48 h-index | 18075<br>120 g-index |
| 151 all docs | 151 docs citations | 151 times ranked | 11656 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Novel Regulators of Retina Neovascularization: A Proteomics Approach. Journal of Proteome Research, 2022, 21, 101-117. | 1.8 | 6 |
| 2 | Uncoupling Proteins as Therapeutic Targets for Neurodegenerative Diseases. International Journal of Molecular Sciences, 2022, 23, 5672. | 1.8 | 5 |
| 3 | Deletion of the Pedf gene leads to inflammation, photoreceptor loss and vascular disturbances in the retina. Experimental Eye Research, 2022, 222, 109171. | 1.2 | 5 |
| 4 | PEDF Gene Deletion Disrupts Corneal Innervation and Ocular Surface Function. , 2021, 62, 18. | | 4 |
| 5 | Inhibition of Epigenetic Modifiers LSD1 and HDAC1 Blocks Rod Photoreceptor Death in Mouse Models of Retinitis Pigmentosa. Journal of Neuroscience, 2021, 41, 6775-6792. | 1.7 | 16 |
| 6 | Uncoupling proteins in the mitochondrial defense against oxidative stress. Progress in Retinal and Eye Research, 2021, 83, 100941. | 7.3 | 50 |
| 7 | uncoupling protein UCP2. Neurochemistry International, 2021, 151, 105214. | 1.9 | 10 |
| 8 | PEDF is an endogenous inhibitor of VEGF-R2 angiogenesis signaling in endothelial cells. Experimental Eye Research, 2021, 213, 108828. | 1.2 | 14 |
| 9 | Pluripotent Stem Cells as Models of Retina Development. Molecular Neurobiology, 2019, 56, 6056-6070. | 1.9 | 8 |
| 10 | Mitochondrial Uncoupling Protein 2 Knockout Promotes Mitophagy to Decrease Retinal Ganglion Cell Death in a Mouse Model of Glaucoma. Journal of Neuroscience, 2019, 39, 2702-18. | 1.7 | 26 |
| 11 | Cell Autonomous Neuroprotection by the Mitochondrial Uncoupling Protein 2 in a Mouse Model of Glaucoma. Frontiers in Neuroscience, 2019, 13, 201. | 1.4 | 12 |
| 12 | Pluripotential stem cells as replacement therapy in degenerative diseases of the eye. Annals of Translational Medicine, 2019, 7, S156-S156. | 0.7 | 1 |
| 13 | Generation of Photoreceptor Precursors from Mouse Embryonic Stem Cells. Stem Cell Reviews and Reports, 2018, 14, 247-261. | 5.6 | 7 |
| 14 | Perineuronal nets labeled by monoclonal antibody VC1.1 ensheath interneurons expressing parvalbumin and calbindin in the rat amygdala. Brain Structure and Function, 2018, 223, 1133-1148. | 1.2 | 8 |
| 15 | The 3-Phosphoinositide-Dependent Protein Kinase 1 Inhibits Rod Photoreceptor Development. Frontiers in Cell and Developmental Biology, 2018, 6, 134. | 1.8 | 2 |
| 16 | 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. Journal of Biological Chemistry, 2017, 292, 2422-2440. | 1.6 | 31 |
| 17 | Activin Signals through SMAD2/3 to Increase Photoreceptor Precursor Yield during Embryonic Stem Cell Differentiation. Stem Cell Reports, 2017, 9, 838-852. | 2.3 | 17 |
| 18 | Identification and prediction of alternative transcription start sites that generate rod photoreceptor-specific transcripts from ubiquitously expressed genes. PLoS ONE, 2017, 12, e0179230. | 1.1 | 6 |

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|---|---|---|---|
| 19 | Mitochondrial Uncoupling Protein 2 (UCP2) Regulates Retinal Ganglion Cell Number and Survival. Journal of Molecular Neuroscience, 2016, 58, 461-469. | 1.1 | 25 |
| 20 | LSD1-Mediated Demethylation of H3K4me2 Is Required for the Transition from Late Progenitor to Differentiated Mouse Rod Photoreceptor. Molecular Neurobiology, 2016, 53, 4563-4581. | 1.9 | 32 |
| 21 | Uncoupling protein 2 in the glial response to stress: implications for neuroprotection. Neural Regeneration Research, 2016, 11, 1197. | 1.6 | 28 |
| 22 | Regulation of Rod Photoreceptor Differentiation by STAT3 Is Controlled by a Tyrosine Phosphatase. Journal of Molecular Neuroscience, 2015, 55, 152-159. | 1.1 | 12 |
| 23 | Therapeutic Retrobulbar Inhibition of STAT3 Protects Ischemic Retina Ganglion Cells. Molecular Neurobiology, 2015, 52, 1364-1377. | 1.9 | 20 |
| 24 | Tetrandrine protects mouse retinal ganglion cells from ischemic injury. Drug Design, Development and Therapy, 2014, 8, 327. | 2.0 | 19 |
| 25 | Stat3 mediates LIFâ€induced protection of astrocytes against toxic ROS by upregulating the UPC2 mRNA pool. Glia, 2014, 62, 159-170. | 2.5 | 35 |
| 26 | Cell Type-Specific Epigenetic Signatures Accompany Late Stages of Mouse Retina Development. Advances in Experimental Medicine and Biology, 2014, 801, 3-8. | 0.8 | 10 |
| 27 | CD4 positive T helper cells contribute to retinal ganglion cell death in mouse model of ischemia reperfusion injury. Experimental Eye Research, 2013, 115, 131-139. | 1.2 | 18 |
| 28 | Developmentally Regulated Linker Histone H1c Promotes Heterochromatin Condensation and Mediates Structural Integrity of Rod Photoreceptors in Mouse Retina. Journal of Biological Chemistry, 2013, 288, 17895-17907. | 1.6 | 54 |
| 29 | Pigment Epithelium-Derived Factor (PEDF) Peptide Eye Drops Reduce Inflammation, Cell Death and Vascular Leakage in Diabetic Retinopathy in Ins2Akita Mice. Molecular Medicine, 2012, 18, 1387-1401. | 1.9 | 114 |
| 30 | Stage and Gene Specific Signatures Defined by Histones H3K4me2 and H3K27me3 Accompany Mammalian Retina Maturation In Vivo. PLoS ONE, 2012, 7, e46867. | 1.1 | 47 |
| 31 | Epigenetics rules. Journal of Ocular Biology, Diseases, and Informatics, 2011, 4, 93-94. | 0.2 | 1 |
| 32 | Specific Protein Kinase C Isoforms Are Required for Rod Photoreceptor Differentiation. Journal of Neuroscience, 2011, 31, 18606-18617. | 1.7 | 24 |
| 33 | MAPK signaling during MÃ¼ller glial cell development in retina explant cultures. Journal of Ocular Biology, Diseases, and Informatics, 2010, 3, 129-133. | 0.2 | 4 |
| 34 | Protein Kinase C Regulates Rod Photoreceptor Differentiation Through Modulation of STAT3 Signaling. Advances in Experimental Medicine and Biology, 2010, 664, 21-28. | 0.8 | 2 |
| 35 | PEDF and GDNF are key regulators of photoreceptor development and retinal neurogenesis in reaggregates from chick embryonic retina. Journal of Ocular Biology, Diseases, and Informatics, 2009, 2, 1-11. | 0.2 | 22 |
| 36 | Mitochondria and the regulation of free radical damage in the eye. Journal of Ocular Biology, Diseases, and Informatics, 2009, 2, 145-148. | 0.2 | 5 |

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|---|---|---|---|
| 37 | Bacterial endotoxin activates retinal pigment epithelial cells and induces their degeneration through IL-6 and IL-8 autocrine signaling. Molecular Immunology, 2009, 46, 1374-1386. | 1.0 | 96 |
| 38 | Comparison of gene expression during in vivo and in vitro postnatal retina development. Journal of Ocular Biology, Diseases, and Informatics, 2008, 1, 59-72. | 0.2 | 11 |
| 39 | STAT3 activation protects retinal ganglion cell layer neurons in response to stress. Experimental Eye Research, 2008, 86, 991-997. | 1.2 | 42 |
| 40 | Expression of ZnT and ZIP Zinc Transporters in the Human RPE and Their Regulation by Neurotrophic Factors. , 2008, 49, 1221. | | 62 |
| 41 | Epidemiology of and Risk Factors for Primary Open-Angle Glaucoma. , 2008, , 19-33. | | 0 |
| 42 | Neuroprotective Factors and Retinal Degenerations. , 2007, , 433-454. | | 0 |
| 43 | HTRA1 Promoter Polymorphism in Wet Age-Related Macular Degeneration. Science, 2006, 314, 989-992. | 6.0 | 812 |
| 44 | Molecular Mechanisms of Neuroprotection in the Eye. , 2006, 572, 291-295. | | 17 |
| 45 | A PEDF N-terminal peptide protects the retina from ischemic injury when delivered in PLGA nanospheres. Experimental Eye Research, 2006, 83, 824-833. | 1.2 | 90 |
| 46 | PEDF induces apoptosis in human endothelial cells by activating p38 MAP kinase dependent cleavage of multiple caspases. Biochemical and Biophysical Research Communications, 2006, 348, 1288-1295. | 1.0 | 74 |
| 47 | A biphasic pattern of gene expression during mouse retina development. BMC Developmental Biology, 2006, 6, 48. | 2.1 | 42 |
| 48 | Molecular phylogeny of the antiangiogenic and neurotrophic serpin, pigment epithelium derived factor in vertebrates. BMC Genomics, 2006, 7, 248. | 1.2 | 15 |
| 49 | Control of Neovascularization and Cell Survival in the Eye by PEDF. , 2006, , 215-231. | | 0 |
| 50 | Comprehensive in silico functional specification of mouse retina transcripts. BMC Genomics, 2005, 6, 40. | 1.2 | 14 |
| 51 | Uncoupling Protein-2 Is Critical for Nigral Dopamine Cell Survival in a Mouse Model of Parkinson's Disease. Journal of Neuroscience, 2005, 25, 184-191. | 1.7 | 181 |
| 52 | Complement Factor H Polymorphism in Age-Related Macular Degeneration. Science, 2005, 308, 385-389. | 6.0 | 4,018 |
| 53 | PEDF and the serpins: Phylogeny, sequence conservation, and functional domains. Journal of Structural Biology, 2005, 151, 130-150. | 1.3 | 47 |
| 54 | Expression of angiogenesis factors in human umbilical vein endothelial cells and their regulation by PEDF. Biochemical and Biophysical Research Communications, 2005, 326, 387-394. | 1.0 | 43 |

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| 55 | STAT3 activation in response to growth factors or cytokines participates in retina precursor proliferation. Experimental Eye Research, 2005, 81, 103-115. | 1.2 | 66 |
| 56 | STAT3-Mediated Signaling in the Determination of Rod Photoreceptor Cell Fate in Mouse Retina. , 2004, 45, 2407. | | 63 |
| 57 | Neuroprotective and antiangiogenic actions of PEDF in the eye: molecular targets and therapeutic potential. Progress in Retinal and Eye Research, 2004, 23, 561-577. | 7.3 | 216 |
| 58 | Retinoic acid and dexamethasone regulate the expression of PEDF in retinal and endothelial cells. Experimental Eye Research, 2004, 78, 945-955. | 1.2 | 50 |
| 59 | Osteoblasts and osteoclasts express PEDF, VEGF-A isoforms, and VEGF receptors: possible mediators of angiogenesis and matrix remodeling in the bone. Biochemical and Biophysical Research Communications, 2004, 316, 573-579. | 1.0 | 150 |
| 60 | Regulation of factors controlling angiogenesis in liver development: a role for PEDF in the formation and maintenance of normal vasculature. Biochemical and Biophysical Research Communications, 2004, 325, 408-413. | 1.0 | 56 |
| 61 | Modulation of synaptic function by cGMP and cGMP-gated cation channels. Neurochemistry International, 2004, 45, 875-884. | 1.9 | 43 |
| 62 | Mitochondrial uncoupling protein 2 in the central nervous system: neuromodulator and neuroprotector. Biochemical Pharmacology, 2003, 65, 1917-1921. | 2.0 | 77 |
| 63 | PEDF: a multifaceted neurotrophic factor. Nature Reviews Neuroscience, 2003, 4, 628-636. | 4.9 | 344 |
| 64 | Expression and activation of STAT proteins during mouse retina development. Experimental Eye Research, 2003, 76, 421-431. | 1.2 | 47 |
| 65 | Developmental and tissue expression patterns of mouse Mpp4 gene. Biochemical and Biophysical Research Communications, 2003, 307, 229-235. | 1.0 | 14 |
| 66 | Therapeutic prospects for PEDF: more than a promising angiogenesis inhibitor. Trends in Molecular Medicine, 2003, 9, 244-250. | 3.5 | 101 |
| 67 | Uncoupling Protein 2 Prevents Neuronal Death Including that Occurring during Seizures: A Mechanism for Preconditioning. Endocrinology, 2003, 144, 5014-5021. | 1.4 | 177 |
| 68 | Coenzyme Q Induces Nigral Mitochondrial Uncoupling and Prevents Dopamine Cell Loss in a Primate Model of Parkinsonâ€™s Disease. Endocrinology, 2003, 144, 2757-2760. | 1.4 | 112 |
| 69 | Mitochondrial Uncoupling Proteins: Regulators of Retinal Cell Death. Advances in Experimental Medicine and Biology, 2003, 533, 269-275. | 0.8 | 5 |
| 70 | Tissue culture studies of retinal development. Methods, 2002, 28, 439-447. | 1.9 | 37 |
| 71 | cGMP-induced presynaptic depression and postsynaptic facilitation at glutamatergic synapses in visual cortex. Brain Research, 2002, 927, 42-54. | 1.1 | 30 |
| 72 | Molecular Aspects of Vertebrate Retinal Development. Molecular Neurobiology, 2002, 26, 137-152. | 1.9 | 34 |

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| 73 | Protective effect of arachidonic acid on glutamate neurotoxicity in rat retinal ganglion cells. Investigative Ophthalmology and Visual Science, 2002, 43, 1835-42. | 3.3 | 32 |
| 74 | Developmental expression of intracellular targets of cGMP in rat visual cortex and alteration with dark rearing. Visual Neuroscience, 2001, 18, 109-118. | 0.5 | 3 |
| 75 | Miniature postsynaptic currents depend on Ca2+ released from internal stores via PLC/IP3 pathway. NeuroReport, 2001, 12, 2203-2207. | 0.6 | 22 |
| 76 | The subcellular localization of OTX2 is cell-type specific and developmentally regulated in the mouse retina. Molecular Brain Research, 2000, 78, 26-37. | 2.5 | 111 |
| 77 | Widespread expression of olfactory cyclic nucleotide-gated channel genes in rat brain: Implications for neuronal signalling. , 1999, 32, 1-12. | | 50 |
| 78 | HPC-7: A novel oligodendrocyte lineage protein which appears prior to galactocerebroside. Glia, 1998, 23, 169-179. | 2.5 | 9 |
| 79 | Substituted cGMP analogs can act as selective agonists of the rod photoreceptor cGMP-gated cation channel. Journal of Molecular Neuroscience, 1998, 10, 53-64. | 1.1 | 55 |
| 80 | Molecular and pharmacological analysis of cyclic nucleotide-gated channel function in the central nervous system. Progress in Neurobiology, 1998, 56, 37-64. | 2.8 | 83 |
| 81 | Erx, a Novel Retina-Specific Homeodomain Transcription Factor, Can Interact with Ret 1/PCEI Sites. Biochemical and Biophysical Research Communications, 1998, 250, 175-180. | 1.0 | 27 |
| 82 | Developmental expression of the rat rod photoreceptor cGMP-gated cation channel. Visual Neuroscience, 1998, 15, 823-829. | 0.5 | 5 |
| 83 | Experimental preretinal neovascularization by laser-induced venous thrombosis in rats. Current Eye Research, 1997, 16, 26-33. | 0.7 | 30 |
| 84 | Cyclic nucleotide gated channels as regulators of CNS development and plasticity. Current Opinion in Neurobiology, 1997, 7, 404-412. | 2.0 | 108 |
| 85 | Differentiation and Transdifferentiation of the Retinal Pigment Epithelium. International Review of Cytology, 1997, 171, 225-266. | 6.2 | 121 |
| 86 | Direct blockade of both cloned rat rod photoreceptor cyclic nucleotide-gated non-selective cation (CNG) channel Î±-subunit and native CNG channels from Xenopus rod outer segments by H-8, a non-specific cyclic nucleotide-dependent protein kinase inhibitor. Neuroscience Letters, 1997, 233, 37-40. | 1.0 | 13 |
| 87 | Immunostaining and Identification of Antigens. , 1997, , 197-205. | | 1 |
| 88 | Identification of Competitive Antagonists of the Rod Photoreceptor cGMP-Gated Cation Channel:Â Î²-Phenyl-1,N2-etheno-Substituted cGMP Analogues as Probes of the cGMP-Binding Siteâ€. Biochemistry, 1996, 35, 16815-16823. | 1.2 | 49 |
| 89 | Rat hippocampal neurons express genes for both rod retinal and olfactory cyclic nucleotide-gated channels: novel targets for cAMP/cGMP function.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 10440-10445. | 3.3 | 110 |
| 90 | Differential effects of bFGF on development of the rat retina. Brain Research, 1996, 723, 169-176. | 1.1 | 50 |

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| 92 | An astrocytic binding site for neuronal Thy-1 and its effect on neurite outgrowth.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 11195-11199. | 3.3 | 33 |
| 93 | A calcium-permeable cGMP-activated cation conductance in hippocampal neurons. NeuroReport, 1995, 6, 1761-1765. | 0.6 | 88 |
| 94 | Mechanisms of photoreceptor degenerations. Behavioral and Brain Sciences, 1995, 18, 470-470. | 0.4 | 0 |
| 95 | Rat retinal mÃ¼ller cells express Thy-1 following neuronal cell death. Glia, 1995, 14, 23-32. | 2.5 | 37 |
| 96 | Isolation and characterization of the Î±-subunit of the rat rod photoreceptor cGMP-gated cation channel. Journal of Molecular Neuroscience, 1995, 6, 289-302. | 1.1 | 18 |
| 97 | In vitro transdifferentiation of embryonic rat retinal pigment epithelium to neural retina. Brain Research, 1995, 677, 300-310. | 1.1 | 132 |
| 98 | Characterization and regulation of the protein binding to a cis-acting element, RET 1, in the rat opsin promoter. Journal of Molecular Neuroscience, 1994, 5, 259-271. | 1.1 | 18 |
| 99 | Isolation and coding sequence of the rat rod opsin gene. Journal of Molecular Neuroscience, 1994, 5, 207-209. | 1.1 | 4 |
| 100 | Retinal ganglion cell survival is promoted by genetically modified astrocytes designed to secrete brain-derived neurotrophic factor (BDNF). Brain Research, 1994, 647, 30-36. | 1.1 | 67 |
| 101 | Retinal ganglion cells express a cGMP-gated cation conductance activatable by nitric oxide donors. Neuron, 1994, 12, 155-165. | 3.8 | 237 |
| 102 | Rapid Communication: A <i>cis</i>â€Acting Element, TÎ±â€1, in the Upstream Region of Rod Î±â€Transducin Gene that Binds a Developmentally Regulated Retinaâ€Specific Nuclear Factor. Journal of Neurochemistry, 1994, 62, 396-399. | 2.1 | 12 |
| 103 | Differential Laminar Expression of Particulate and Soluble Guanylate Cyclase Genes in Rat Retina. Experimental Eye Research, 1993, 56, 51-62. | 1.2 | 91 |
| 104 | Glutamate and GABA in retinal circuitry. Current Opinion in Neurobiology, 1993, 3, 520-525. | 2.0 | 105 |
| 105 | Cyclic Nucleotide-Gated Nonselective Cation Channels: A Multifunctional Gene Family. , 1993, 66, 121-133. | | 10 |
| 106 | Chapter 23 Molecular properties of GABAergic local-circuit neurons in the mammalian visual cortex. Progress in Brain Research, 1992, 90, 503-522. | 0.9 | 3 |
| 107 | Selectivity of Thy-1 monoclonal antibodies in enhancing neurite outgrowth. Neuroscience Letters, 1992, 137, 75-77. | 1.0 | 14 |
| 108 | Identification of Cell Types in Neural Cultures. , 1992, , 21-62. | | 1 |

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| 109 | A carbohydrate epitope defined by monoclonal antibody VC1.1 is found on N-CAM and other cell adhesion molecules. Brain Research, 1991, 559, 118-129. | 1.1 | 47 |
| 110 | Chapter 3 Molecular aspects of development of mammalian optic cup and formation of retinal cell types. Progress in Retinal and Eye Research, 1991, 10, 45-67. | 0.8 | 31 |
| 111 | Expression of a unique 56-kDa polypeptide by neurons in the subplate zone of the developing cerebral cortex.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 330-334. | 3.3 | 37 |
| 112 | Monoclonal antibody HNK-1 selectively stains a subpopulation of GABAergic neurons containing the calcium-binding protein parvalbumin in the rat cerebral cortex. Experimental Brain Research, 1990, 82, 566-74. | 0.7 | 56 |
| 113 | Cell commitment and differentiation in explants of embryonic rat neural retina. Comparison with the developmental potential of dissociated retina. Developmental Brain Research, 1990, 51, 69-84. | 2.1 | 118 |
| 114 | Expression of the cell surface antigens RET-PE2 and N-CAM by rat retinal pigment epithelial cells during development and in tissue culture. Experimental Eye Research, 1990, 51, 573-583. | 1.2 | 48 |
| 115 | Developmental and tissue-specific expression of the rod photoreceptor cGMP-gated ion channel gene. Biochemical and Biophysical Research Communications, 1990, 173, 463-470. | 1.0 | 96 |
| 116 | Expression of the growth cone specific epitope CDA 1 and the Synaptic vesicle protein SVP38 in the developing mammalian cerebral cortex. Journal of Comparative Neurology, 1989, 290, 154-168. | 0.9 | 40 |
| 117 | Monoclonal antibody VC1.1 selectively stains a population of GABAergic neurons containing the calcium-binding protein parvalbumin in the rat cerebral cortex. Experimental Brain Research, 1989, 78, 43-50. | 0.7 | 29 |
| 118 | Immunoelectron microscopical examination of the surface distribution of opsin in rat rod photoreceptor cells. Experimental Eye Research, 1989, 49, 13-29. | 1.2 | 22 |
| 119 | Molecular determinants of GABAergic local-circuit neurons in the visual cortex. Trends in Neurosciences, 1989, 12, 28-34. | 4.2 | 99 |
| 120 | Coexpression of opsin- and VIP-like-immunoreactivity in CSF-contacting neurons of the avian brain. Cell and Tissue Research, 1988, 253, 189-98. | 1.5 | 199 |
| 121 | Cell differentiation and pattern formation in the developing mammalian retina. Neuroscience Research Supplement: the Official Journal of the Japan Neuroscience Society, 1988, 8, S27-S41. | 0.0 | 7 |
| 122 | A Molecular View of Vertebrate Retinal Development. , 1988, , 9-46. | | 0 |
| 123 | Selective localization of glycine-accumulating cells in reaggregate culture of rat retina. Developmental Brain Research, 1987, 31, 124-128. | 2.1 | 13 |
| 124 | SVP38: A Synaptic Vesicle Protein Whose Appearance Correlates Closely with Synaptogenesis in the Rat Nervous System. Annals of the New York Academy of Sciences, 1987, 493, 493-496. | 1.8 | 38 |
| 125 | Histiotypic organization and cell differentiation in rat retinal reaggregate cultures. Brain Research, 1987, 437, 298-308. | 1.1 | 51 |
| 126 | A molecular view of vertebrate retinal development. Molecular Neurobiology, 1987, 1, 9-46. | 1.9 | 74 |

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| 127 | Immunological Studies of the Diversity and Development of the Mammalian Visual System. Immunological Reviews, 1987, 100, 47-78. | 2.8 | 38 |
| 128 | Identification and characterization of cell types in monolayer cultures of rat retina using monoclonal antibodies. Brain Research, 1986, 383, 110-120. | 1.1 | 101 |
| 129 | Neurobiology: Clues about glues in development. Nature, 1986, 321, 731-732. | 13.7 | 1 |
| 130 | A cell surface molecule distributed in a dorsoventral gradient in the perinatal rat retina. Nature, 1986, 324, 459-462. | 13.7 | 195 |
| 131 | Lectin and antibody labelling of developing rat photoreceptor cells: an electron microscope immunocytochemical study. Journal of Neurocytology, 1986, 15, 219-230. | 1.6 | 48 |
| 132 | A marker of early amacrine cell development in rat retina. Developmental Brain Research, 1985, 20, 286-290. | 2.1 | 298 |
| 133 | Monoclonal Antibodies as Molecular Probes of the Nervous System. , 1985, , 269-289. | | 9 |
| 134 | Thy-1 antigen: A ganglion cell specific marker in rodent retina. Neuroscience, 1984, 11, 847-855. | 1.1 | 291 |
| 135 | Neurosciences: How molecular is neurobiology?. Nature, 1983, 306, 14-16. | 13.7 | 9 |
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| 137 | Monoclonal antibodies â€” tools to dissect the nervous system. Trends in Immunology, 1982, 3, 157-168. | 7.5 | 3 |
| 138 | Molecular heterogeneity and the nervous system. Nature, 1982, 298, 708-709. | 13.7 | 0 |
| 139 | Immunological Studies of the Retina. , 1982, , 183-214. | | 14 |
| 140 | A gradient of membrane protein in the retina. Nature, 1981, 292, 13-14. | 13.7 | 2 |
| 141 | Monoclonal antibodies which recognize different cell types in the rat retina. Nature, 1980, 286, 231-235. | 13.7 | 311 |
| 142 | Monoclonal Antibodies for Analysis of the HLA System. Immunological Reviews, 1979, 47, 3-61. | 2.8 | 721 |
| 143 | The Structure and Evolution of the HLAâ€Bw4 and Bw6 Antigens. Tissue Antigens, 1979, 13, 334-341. | 1.0 | 25 |
| 144 | The Genetic Control of HLAâ€A and B Antigens in Somatic Cell Hybrids: Requirement for Î² <sub>2</sub> Microglobulin. Tissue Antigens, 1978, 11, 96-112. | 1.0 | 220 |

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| 146 | Isolation and N-terminal amino acid sequence of membrane-bound human HLA-A and HLA-B antigens. Nature, 1976, 261, 200-205. | 13.7 | 93 |
| 147 | Production of Specific Antisera to Human B Lymphocytes. Tissue Antigens, 1976, 7, 105-117. | 1.0 | 22 |