Ulrike GrÃ¼nert

List of Publications by Year
in descending order

116 papers	7,672 citations	50170 46 h-index	56606 83 g-index
119 all docs	119 docs citations	119 times ranked	3308 citing authors

#	Article	IF	Citations
1	Satb1 expression in retinal ganglion cells of marmosets, macaques, and humans. Journal of Comparative Neurology, 2022, 530, 923-940.	0.9	7
2	Retinal ganglion cells expressing CaM kinase II in human and nonhuman primates. Journal of Comparative Neurology, 2022, 530, 1470-1493.	0.9	2
3	Identification of retinal ganglion cell types expressing the transcription factor Satb2 in three primate species. Journal of Comparative Neurology, 2021, 529, 2727-2749.	0.9	8
4	Retinal ganglion cells projecting to superior colliculus and pulvinar in marmoset. Brain Structure and Function, 2021, 226, 2745-2762.	1.2	14
5	Composition of the Inner Nuclear Layer in Human Retina. , 2021, 62, 22.		16
6	Morphology, Molecular Characterization, and Connections of Ganglion Cells in Primate Retina. Annual Review of Vision Science, 2021, 7, 73-103.	2.3	17
7	Analysis of Parvocellular and Magnocellular Visual Pathways in Human Retina. Journal of Neuroscience, 2020, 40, 8132-8148.	1.7	38
8	Cell types and cell circuits in human and non-human primate retina. Progress in Retinal and Eye Research, 2020, 78, 100844.	7.3	101
9	A singleâ€cell transcriptome atlas of the adult human retina. EMBO Journal, 2019, 38, e100811.	3.5	185
10	Relation of koniocellular layers of dorsal lateral geniculate to inferior pulvinar nuclei in common marmosets. European Journal of Neuroscience, 2019, 50, 4004-4017.	1.2	11
11	Particle-Mediated Gene Transfection and Organotypic Culture of Postmortem Human Retina. Translational Vision Science and Technology, 2019, 8, 7.	1.1	6
12	Topography of Neurons in the Rod Pathway of Human Retina. , 2019, 60, 2848.		36
13	Cover Image, Volume 527, Issue 3. Journal of Comparative Neurology, 2019, 527, C1.	0.9	0
14	Melanopsin and calbindin immunoreactivity in the inner retina of humans and marmosets. Visual Neuroscience, 2019, 36, E009.	0.5	20
15	Unravelling the subcortical and retinal circuitry of the primate inferior pulvinar. Journal of Comparative Neurology, 2019, 527, 558-576.	0.9	35
16	Projections of three subcortical visual centers to marmoset lateral geniculate nucleus. Journal of Comparative Neurology, 2019, 527, 535-545.	0.9	14
17	Melanopsinâ€expressing ganglion cells in human retina: Morphology, distribution, and synaptic connections. Journal of Comparative Neurology, 2019, 527, 312-327.	0.9	68
18	Survey of retinal ganglion cell morphology in marmoset. Journal of Comparative Neurology, 2019, 527, 236-258.	0.9	57

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19	Disruption of De Novo Serine Synthesis in MÃ¼ller Cells Induced Mitochondrial Dysfunction and Aggravated Oxidative Damage. Molecular Neurobiology, 2018, 55, 7025-7037.	1.9	49
20	All amacrine cells in the primate fovea contribute to photopic vision. Scientific Reports, 2018, 8, 16429.	1.6	27
21	Thorny ganglion cells in marmoset retina: Morphological and neurochemical characterization with antibodies against calretinin. Journal of Comparative Neurology, 2017, 525, 3962-3974.	0.9	10
22	Identification of Aâ…¡ amacrine, displaced amacrine, and bistratified ganglion cell types in human retina with antibodies against calretinin. Journal of Comparative Neurology, 2016, 524, 39-53.	0.9	40
23	Connectivity between the OFF bipolar type DB3a and six types of ganglion cell in the marmoset retina. Journal of Comparative Neurology, 2016, 524, 1839-1858.	0.9	12
24	Analysis of the lateral geniculate nucleus in dichromatic and trichromatic marmosets. Journal of Comparative Neurology, 2015, 523, 1948-1966.	0.9	5
25	Analysis of bipolar and amacrine populations in marmoset retina. Journal of Comparative Neurology, 2015, 523, 313-334.	0.9	27
26	Processing of S-cone signals in the inner plexiform layer of the mammalian retina. Visual Neuroscience, 2014, 31, 153-163.	0.5	27
27	Characterization of secretagoginâ€immunoreactive amacrine cells in marmoset retina. Journal of Comparative Neurology, 2014, 522, 435-455.	0.9	28
28	Kainate Receptors Mediate Synaptic Input to Transient and Sustained OFF Visual Pathways in Primate Retina. Journal of Neuroscience, 2014, 34, 7611-7621.	1.7	60
29	Identification of a Pathway from the Retina to Koniocellular Layer K1 in the Lateral Geniculate Nucleus of Marmoset. Journal of Neuroscience, 2014, 34, 3821-3825.	1.7	33
30	Organisation of koniocellularâ€projecting ganglion cells and diffuse bipolar cells in the primate fovea. European Journal of Neuroscience, 2013, 37, 1072-1089.	1.2	29
31	Color signals in retina and lateral geniculate nucleus of marmoset monkeys.. Psychology and Neuroscience, 2013, 6, 151-163.	0.5	5
32	Amacrine and bipolar inputs to midget and parasol ganglion cells in marmoset retina. Visual Neuroscience, 2012, 29, 157-168.	0.5	17
33	Retinal thinning in tree shrews with induced high myopia: Optical coherence tomography and histological assessment. Vision Research, 2011, 51, 376-385.	0.7	34
34	Synaptic inputs to two types of koniocellular pathway ganglion cells in marmoset retina. Journal of Comparative Neurology, 2011, 519, 2135-2153.	0.9	25
35	Bipolar input to melanopsin containing ganglion cells in primate retina. Visual Neuroscience, 2011, 28, 39-50.	0.5	64
36	Retinal connectivity and primate vision. Progress in Retinal and Eye Research, 2010, 29, 622-639.	7.3	126

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37	Relationship of the Optical Coherence Tomography Signal to Underlying Retinal Histology in the Tree Shrew (<i>Tupaia belangeri</i>). , 2009, 50, 414.		38
38	Synaptic inputs onto small bistratified (blueâ€ON/yellowâ€OFF) ganglion cells in marmoset retina. Journal of Comparative Neurology, 2009, 517, 655-669.	0.9	35
39	Retinal ganglion cell inputs to the koniocellular pathway. Journal of Comparative Neurology, 2008, 510, 251-268.	0.9	80
40	The midgetâ€parvocellular pathway of marmoset retina: A quantitative light microscopic study. Journal of Comparative Neurology, 2008, 510, 539-549.	0.9	27
41	Distribution of bipolar input to midget and parasol ganglion cells in marmoset retina. Visual Neuroscience, 2008, 25, 67-76.	0.5	17
42	Connections of diffuse bipolar cells in primate retina are biased against S-cones. Journal of Comparative Neurology, 2007, 502, 126-140.	0.9	41
43	OFF midget bipolar cells in the retina of the marmoset,Callithrix jacchus, express AMPA receptors. Journal of Comparative Neurology, 2007, 502, 442-454.	0.9	35
44	Characterization and synaptic connectivity of melanopsinâ€containing ganglion cells in the primate retina. European Journal of Neuroscience, 2007, 26, 2906-2921.	1.2	111
45	Comparative Anatomy and Physiology of the Primate Retina. , 2006, , 127-160.		12
46	Synaptic connectivity in the midget-parvocellular pathway of primate central retina. Journal of Comparative Neurology, 2006, 494, 260-274.	0.9	64
47	Random Wiring in the Midget Pathway of Primate Retina. Journal of Neuroscience, 2006, 26, 3908-3917.	1.7	50
48	S-cones do not contribute to the OFF-midget pathway in the retina of the marmoset, Callithrix jacchus. European Journal of Neuroscience, 2005, 22, 437-447.	1.2	53
49	Localization of glycine receptor alpha subunits on bipolar and amacrine cells in primate retina. Journal of Comparative Neurology, 2005, 488, 113-128.	0.9	43
50	Mosaic properties of midget and parasol ganglion cells in the marmoset retina. Visual Neuroscience, 2005, 22, 395-404.	0.5	28
51	Synaptic connectivity of the diffuse bipolar cell type DB6 in the inner plexiform layer of primate retina. Journal of Comparative Neurology, 2004, 469, 494-506.	0.9	24
52	S-cone connections of the diffuse bipolar cell type DB6 in macaque monkey retina. Journal of Comparative Neurology, 2004, 474, 353-363.	0.9	23
53	Glutamate receptors at bipolar synapses in the inner plexiform layer of primate retina: Light microscopic analysis. Journal of Comparative Neurology, 2003, 466, 136-147.	0.9	35
54	The Cone Pedicle, the First Synapse in the Retina. , 2003, , 19-38.		6

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55	Expression and distribution of ionotropic glutamate receptor subunits on parasol ganglion cells in the primate retina. Visual Neuroscience, 2002, 19, 453-465.	0.5	31
56	Synaptic distribution of ionotropic glutamate receptors in the inner plexiform layer of the primate retina. Journal of Comparative Neurology, 2002, 447, 138-151.	0.9	86
57	The Synaptic Architecture of AMPA Receptors at the Cone Pedicle of the Primate Retina. Journal of Neuroscience, 2001, 21, 2488-2500.	1.7	109
58	Immunocytochemical identification and analysis of the diffuse bipolar cell type DB6 in macaque monkey retina. European Journal of Neuroscience, 2001, 13, 829-832.	1.2	28
59	Localization of kainate receptors at the cone pedicles of the primate retina. Journal of Comparative Neurology, 2001, 436, 471-486.	0.9	86
60	Bipolar cell diversity in the primate retina: Morphologic and immunocytochemical analysis of a new world monkey, the marmosetCallithrix jacchus. Journal of Comparative Neurology, 2001, 437, 219-239.	0.9	95
61	Retinal pathways for colour vision: Studies of short-wavelength sensitive (?blue?) cones and their connections in primate retina. Color Research and Application, 2001, 26, S112-S117.	0.8	2
62	Distribution of the Î±1 subunit of the GABAA receptor on midget and parasol ganglion cells in the retina of the common marmoset Callithrix jacchus. Visual Neuroscience, 2000, 17, 437-448.	0.5	26
63	The mosaic of horizontal cells in the macaque monkey retina: With a comment on biplexiform ganglion cells. Visual Neuroscience, 2000, 17, 591-608.	0.5	87
64	Distribution of GABA and glycine receptors on bipolar and ganglion cells in the mammalian retina. Microscopy Research and Technique, 2000, 50, 130-140.	1.2	49
65	Distribution of glycine receptor subunits on primate retinal ganglion cells: a quantitative analysis. European Journal of Neuroscience, 2000, 12, 4155-4170.	1.2	9
66	Spatial order in short-wavelength-sensitive cone photoreceptors: a comparative study of the primate retina. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2000, 17, 557.	0.8	38
67	The Cone Pedicle, a Complex Synapse in the Retina. Neuron, 2000, 27, 85-95.	3.8	218
68	Distribution of glycine receptor subunits on primate retinal ganglion cells: a quantitative analysis. European Journal of Neuroscience, 2000, 12, 4155-4170.	1.2	6
69	Distribution of glycine receptor subunits on primate retinal ganglion cells: a quantitative analysis. European Journal of Neuroscience, 2000, 12, 4155-70.	1.2	36
70	DISTRIBUTION OF GABAA AND GLYCINE RECEPTORS IN THE MAMMALIAN RETINA. Clinical and Experimental Pharmacology and Physiology, 1999, 26, 941-944.	0.9	8
71	Analysis of the short wavelength-sensitive (?blue?) cone mosaic in the primate retina: Comparison of New World and Old World monkeys. , 1999, 406, 1-14.		90
72	Synaptic input to small bistratified (blue-ON) ganglion cells in the retina of a New World monkey, the marmosetCallithrix jacchus. , 1999, 413, 417-428.		69

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73	Distribution of photoreceptor types in the retina of a marsupial, the tammar wallaby (Macropus) Tj ETQq1 1 0.784314 rgBT /Overlock 1	0.5	66
74	Analysis of two types of cone bipolar cells in the retina of a New World monkey, the marmoset, Callithrix jacchus. Visual Neuroscience, 1999, 16, 707-719.	0.5	57
75	Midget and parasol ganglion cells of the primate retina express the Î±1 subunit of the glycine receptor. Visual Neuroscience, 1999, 16, 957-966.	0.5	24
76	Horizontal cell connections with short wavelength-sensitive cones in the retina: A comparison between New World and Old World primates. Journal of Comparative Neurology, 1998, 393, 196-209.	0.9	41
77	Horizontal cell connections with short wavelength-sensitive cones in the retina: a comparison between New World and Old World primates. Journal of Comparative Neurology, 1998, 393, 196-209.	0.9	13
78	Anatomical Evidence for Rod Input to the Parvocellular Pathway in the Visual System of the Primate. European Journal of Neuroscience, 1997, 9, 617-621.	1.2	38
79	Morphological analysis of the blue cone pathway in the retina of a New World monkey, the marmosetCallithrix jacchus. Journal of Comparative Neurology, 1997, 379, 211-225.	0.9	98
80	Morphological analysis of the blue cone pathway in the retina of a New World monkey, the marmoset Callithrix jacchus. Journal of Comparative Neurology, 1997, 379, 211-225.	0.9	2
81	Morphological analysis of the blue cone pathway in the retina of a New World monkey, the marmoset Callithrix jacchus. Journal of Comparative Neurology, 1997, 379, 211-25.	0.9	24
82	The Synaptic Complex of Cones in the Fovea and in the Periphery of the Macaque Monkey Retina. Vision Research, 1996, 36, 3383-3395.	0.7	91
83	Selective clustering of GABA(A) and glycine receptors in the mammalian retina. Journal of Neuroscience, 1996, 16, 2127-2140.	1.7	128
84	Glycine receptors in the rod pathway of the macaque monkey retina. Visual Neuroscience, 1996, 13, 101-115.	0.5	70
85	Horizontal cell connections with short-wavelength-sensitive cones in macaque monkey retina. Visual Neuroscience, 1996, 13, 833-845.	0.5	75
86	Topography of ganglion cells and photoreceptors in the retina of a New World monkey: The marmoset <i>Callithrix jacchus</i>. Visual Neuroscience, 1996, 13, 335-352.	0.5	132
87	GABAAReceptor subunits have differential distributions in the rat retinae: In situ hybridization and immunohistochemistry. Journal of Comparative Neurology, 1995, 353, 553-571.	0.9	131
88	Colocalization of gephyrin and GABAA-receptor subunits in the rat retina. Journal of Comparative Neurology, 1995, 357, 1-14.	0.9	174
89	The rod pathway of the macaque monkey retina: Identification of AII-amacrine cells with antibodies against calretinin. Journal of Comparative Neurology, 1995, 361, 537-551.	0.9	174
90	Glycinergic synapses in the rod pathway of the rat retina: cone bipolar cells express the alpha 1 subunit of the glycine receptor. Journal of Neuroscience, 1994, 14, 5131-5146.	1.7	196

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91	Differential expression of glycine receptor subunits in the retina of the rat: A study using immunohistochemistry and<i>in situ</i>hybridization. Visual Neuroscience, 1994, 11, 721-729.	0.5	81
92	Immunocytochemical analysis of bipolar cells in the macaque monkey retina. Journal of Comparative Neurology, 1994, 348, 607-627.	0.9	183
93	Localization of GABAA receptors in the rabbit retina. Cell and Tissue Research, 1994, 276, 295-307.	1.5	79
94	Immunocytochemical characterization and spatial distribution of midget bipolar cells in the macaque monkey retina. Vision Research, 1994, 34, 561-579.	0.7	170
95	On the Input to the Visual Cortex. , 1994, , 93-113.		0
96	Glycine receptors in the retinas of normal and spastic mutant mice. Investigative Ophthalmology and Visual Science, 1994, 35, 3633-9.	3.3	16
97	Immunocytochemical staining of AII-amacrine cells in the rat retina with antibodies against parvalbumin. Journal of Comparative Neurology, 1993, 332, 407-420.	0.9	186
98	Immunocytochemical localization of glycine receptors in the mammalian retina. Journal of Comparative Neurology, 1993, 335, 523-537.	0.9	121
99	Immunohistochemical localization of GABAA receptors in the scotopic pathway of the cat retina. Cell and Tissue Research, 1993, 274, 267-277.	1.5	30
100	Cholinergic amacrine cells of the rat retina express the Î´-subunit of the GABAA-receptor. Neuroscience Letters, 1993, 163, 71-73.	1.0	25
101	Parasol (PÎ±) ganglion-cells of the primate fovea: Immunocytochemical staining with antibodies against GABAA-receptors. Vision Research, 1993, 33, 1-14.	0.7	101
102	The cGMP-gated channel of rod outer segments is not localized in bipolar cells of the mammalian retina. Neuroscience Letters, 1992, 134, 199-202.	1.0	34
103	Spatial density and immunoreactivity of bipolar cells in the macaque monkey retina. Journal of Comparative Neurology, 1992, 323, 269-287.	0.9	163
104	Rod bipolar cells in the macaque monkey retina: immunoreactivity and connectivity. Journal of Neuroscience, 1991, 11, 2742-2758.	1.7	145
105	The rod bipolar cell of the mammalian retina. Visual Neuroscience, 1991, 7, 99-112.	0.5	165
106	GABA_Areceptors in the retina of the cat: An immunohistochemical study of wholemounts, sections, and dissociated cells. Visual Neuroscience, 1991, 6, 229-238.	0.5	64
107	GABA-like immunoreactivity in the macaque monkey retina: A light and electron microscopic study. Journal of Comparative Neurology, 1990, 297, 509-524.	0.9	133
108	Rod bipolar cells in the mammalian retina show protein kinase C-like immunoreactivity. Journal of Comparative Neurology, 1990, 301, 433-442.	0.9	390

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109	Retinal ganglion cell density and cortical magnification factor in the primate. Vision Research, 1990, 30, 1897-1911.	0.7	286
110	Cortical magnification factor and the ganglion cell density of the primate retina. Nature, 1989, 341, 643-646.	13.7	271
111	Three-dimensional structure of bidirectional, excitatory chemical synapses in the jellyfishCyanea capillata. Synapse, 1988, 2, 606-613.	0.6	41
112	Ultrastructure of the aesthetasc (olfactory) sensilla of the spiny lobster, Panulirus argus. Cell and Tissue Research, 1988, 251, 95-103.	1.5	192
113	Campaniform sensilla of Calliphora vicina (Insecta, Diptera). Zoomorphology, 1987, 106, 312-319.	0.4	121
114	Campaniform sensilla of Calliphora vicina (Insecta, Diptera). Zoomorphology, 1987, 106, 320-328.	0.4	46
115	Macromolecules in the receptor lymph of campaniform sensilla. Histochemistry, 1987, 86, 617-620.	1.9	9
116	K+ and Ca++ in the receptor lymph of arthropod cuticular mechanoreceptors. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1987, 161, 329-333.	0.7	35