Enrica Strettoi

List of Publications by Year
in descending order

66 papers	6,763 citations	109264 35 h-index	110317 64 g-index
66 all docs	66 docs citations	66 times ranked	5316 citing authors

#	Article	IF	Citations
1	The Major Cell Populations of the Mouse Retina. Journal of Neuroscience, 1998, 18, 8936-8946.	1.7	1,220
2	Neural remodeling in retinal degeneration. Progress in Retinal and Eye Research, 2003, 22, 607-655.	7.3	772
3	Retinal organization in the retinal degeneration 10 (rd10) mutant mouse: A morphological and ERG study. Journal of Comparative Neurology, 2007, 500, 222-238.	0.9	453
4	Synaptic connections of the narrow-field, bistratified rod amacrine cell (AII) in the rabbit retina. Journal of Comparative Neurology, 1992, 325, 152-168.	0.9	325
5	Morphological and Functional Abnormalities in the Inner Retina of the rd/rd Mouse. Journal of Neuroscience, 2002, 22, 5492-5504.	1.7	298
6	Protection of Retinal Ganglion Cells from Natural and Axotomy-Induced Cell Death in Neonatal Transgenic Mice Overexpressing bcl-2. Journal of Neuroscience, 1996, 16, 4186-4194.	1.7	224
7	Retinal Ganglion Cells Survive and Maintain Normal Dendritic Morphology in a Mouse Model of Inherited Photoreceptor Degeneration. Journal of Neuroscience, 2008, 28, 14282-14292.	1.7	222
8	Remodeling of second-order neurons in the retina of rd/rd mutant mice. Vision Research, 2003, 43, 867-877.	0.7	216
9	Synaptic connections of rod bipolar cells in the inner plexiform layer of the rabbit retina. Journal of Comparative Neurology, 1990, 295, 449-466.	0.9	213
10	<i>Dicer</i>Inactivation Leads to Progressive Functional and Structural Degeneration of the Mouse Retina. Journal of Neuroscience, 2008, 28, 4878-4887.	1.7	204
11	Remodeling of cone photoreceptor cells after rod degeneration in rd mice. Experimental Eye Research, 2009, 88, 589-599.	1.2	143
12	Long-term Survival of Retina Optic Nerve Section in Adult Ganglion Cells Followingbcl-2Transgenic Mice. European Journal of Neuroscience, 1996, 8, 1735-1745.	1.2	138
13	Transformation of cone precursors to functional rod photoreceptors by bZIP transcription factor NRL. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1679-1684.	3.3	136
14	Long-term Retinal Function and Structure Rescue Using Capsid Mutant AAV8 Vector in the rd10 Mouse, a Model of Recessive Retinitis Pigmentosa. Molecular Therapy, 2011, 19, 234-242.	3.7	135
15	Optic Nerve Crush: Axonal Responses in Wild-Type and bcl-2 Transgenic Mice. Journal of Neuroscience, 1999, 19, 8367-8376.	1.7	121
16	Melatonin modulates visual function and cell viability in the mouse retina via the MT1 melatonin receptor. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15043-15048.	3.3	113
17	The number of unidentified amacrine cells in the mammalian retina. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 14906-14911.	3.3	110
18	Inhibition of ceramide biosynthesis preserves photoreceptor structure and function in a mouse model of retinitis pigmentosa. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18706-18711.	3.3	105

#	Article	IF	Citations
19	Cone bipolar cells as interneurons in the rod, pathway of the rabbit retina. Journal of Comparative Neurology, 1994, 347, 139-149.	0.9	99
20	Pharmacological approaches to retinitis pigmentosa: A laboratory perspective. Progress in Retinal and Eye Research, 2015, 48, 62-81.	7.3	86
21	Bipolar cells of the mouse retina: A gene gun, morphological study. Journal of Comparative Neurology, 2004, 476, 254-266.	0.9	82
22	Botulinum Neurotoxin A Impairs Neurotransmission Following Retrograde Transynaptic Transport. Traffic, 2012, 13, 1083-1089.	1.3	79
23	Recruitment of the Rod Pathway by Cones in the Absence of Rods. Journal of Neuroscience, 2004, 24, 7576-7582.	1.7	77
24	Involvement of Autophagic Pathway in the Progression of Retinal Degeneration in a Mouse Model of Diabetes. Frontiers in Cellular Neuroscience, 2016, 10, 42.	1.8	74
25	Localization of Melatonin Receptor 1 in Mouse Retina and Its Role in the Circadian Regulation of the Electroretinogram and Dopamine Levels. PLoS ONE, 2011, 6, e24483.	1.1	73
26	Retinal organization in the bcl-2-overexpressing transgenic mouse. Journal of Comparative Neurology, 2002, 446, 1-10.	0.9	68
27	Inner retinal abnormalities in a mouse model of Leber's congenital amaurosis. Journal of Comparative Neurology, 2004, 469, 351-359.	0.9	65
28	Pattern of synaptic excitation and inhibition upon direction-selective retinal ganglion cells. Journal of Comparative Neurology, 2002, 449, 195-205.	0.9	58
29	Age-dependent remodelling of retinal circuitry. Neurobiology of Aging, 2009, 30, 819-828.	1.5	58
30	Advancing Clinical Trials for Inherited Retinal Diseases: Recommendations from the Second Monaciano Symposium. Translational Vision Science and Technology, 2020, 9, 2.	1.1	56
31	Environmental Enrichment Extends Photoreceptor Survival and Visual Function in a Mouse Model of Retinitis Pigmentosa. PLoS ONE, 2012, 7, e50726.	1.1	55
32	A Survey of Retinal Remodeling. Frontiers in Cellular Neuroscience, 2015, 9, 494.	1.8	46
33	Undersized dendritic arborizations in retinal ganglion cells of the rd1 mutant mouse: A paradigm of early onset photoreceptor degeneration. Journal of Comparative Neurology, 2012, 520, 1406-1423.	0.9	43
34	Visual impairment in FOXG1-mutated individuals and mice. Neuroscience, 2016, 324, 496-508.	1.1	41
35	Protection of retinal ganglion cells and preservation of function after optic nerve lesion in bcl-2 transgenic mice. Vision Research, 1998, 38, 1537-1543.	0.7	38
36	Complexity of retinal cone bipolar cells. Progress in Retinal and Eye Research, 2010, 29, 272-283.	7.3	36

#	Article	IF	Citations
37	Cone survival and preservation of visual acuity in an animal model of retinal degeneration. European Journal of Neuroscience, 2013, 37, 1853-1862.	1.2	36
38	The spatial organization of cholinergic mosaics in the adult mouse retina. European Journal of Neuroscience, 2000, 12, 3819-3822.	1.2	30
39	Site-specific abnormalities in the visual system of a mouse model of CDKL5 deficiency disorder. Human Molecular Genetics, 2019, 28, 2851-2861.	1.4	30
40	Novel ophthalmic formulation of myriocin: implications in retinitis pigmentosa. Drug Delivery, 2019, 26, 237-243.	2.5	28
41	AII amacrine cells in the primate fovea contribute to photopic vision. Scientific Reports, 2018, 8, 16429.	1.6	27
42	Axonal Transport Blockade in the Neonatal Rat Optic Nerve Induces Limited Retinal Ganglion Cell Death. Journal of Neuroscience, 1997, 17, 7045-7052.	1.7	25
43	The Spatial Order of Horizontal Cells Is Not Affected by Massive Alterations in the Organization of Other Retinal Cells. Journal of Neuroscience, 2003, 23, 9924-9928.	1.7	24
44	Rescuing cones and daylight vision in retinitis pigmentosa mice. FASEB Journal, 2019, 33, 10177-10192.	0.2	24
45	Involvement of D1 and D2 Dopamine Receptors in the Control of Horizontal Cell Electrical Coupling in the Turtle Retina. European Journal of Neuroscience, 1989, 1, 247-257.	1.2	22
46	Pattern of retinal morphological and functional decay in a light-inducible, rhodopsin mutant mouse. Scientific Reports, 2017, 7, 5730.	1.6	22
47	Long-term preservation of cone photoreceptors and visual acuity in rd10 mutant mice exposed to continuous environmental enrichment. Molecular Vision, 2014, 20, 1545-56.	1.1	22
48	Retinal Pigment Epithelium Remodeling in Mouse Models of Retinitis Pigmentosa. International Journal of Molecular Sciences, 2021, 22, 5381.	1.8	20
49	Age-Related Changes in the Daily Rhythm of Photoreceptor Functioning and Circuitry in a Melatonin-Proficient Mouse Strain. PLoS ONE, 2012, 7, e37799.	1.1	18
50	The NGF^{R100W}Mutation Specifically Impairs Nociception without Affecting Cognitive Performance in a Mouse Model of Hereditary Sensory and Autonomic Neuropathy Type V. Journal of Neuroscience, 2019, 39, 9702-9715.	1.7	18
51	Electrophysiological responses of the mouse retina to 12C ions. Neuroscience Letters, 2007, 416, 231-235.	1.0	17
52	Inner retinal preservation in the photoinducible I307N rhodopsin mutant mouse, a model of autosomal dominant retinitis pigmentosa. Journal of Comparative Neurology, 2020, 528, 1502-1522.	0.9	17
53	Retinal Phenotype in the rd9 Mutant Mouse, a Model of X-Linked RP. Frontiers in Neuroscience, 2019, 13, 991.	1.4	16
54	Brn3a and Brn3b knockout mice display unvaried retinal fine structure despite major morphological and numerical alterations of ganglion cells. Journal of Comparative Neurology, 2019, 527, 187-211.	0.9	14

#	Article	IF	Citations
55	Appearance of cGMP-phosphodiesterase immunoreactivity parallels the morphological differentiation of photoreceptor outer segments in the rat retina. Visual Neuroscience, 1993, 10, 395-402.	0.5	12
56	Myriocin Effect on Tvrm4 Retina, an Autosomal Dominant Pattern of Retinitis Pigmentosa. Frontiers in Neuroscience, 2020, 14, 372.	1.4	11
57	Santiago Ramï¿½n Y Cajal, the retina and the neuron theory. Documenta Ophthalmologica, 1989, 71, 123-141.	1.0	10
58	AAV-Mediated Clarin-1 Expression in the Mouse Retina: Implications for USH3A Gene Therapy. PLoS ONE, 2016, 11, e0148874.	1.1	10
59	Determination of the serine palmitoyl transferase inhibitor myriocin by electrospray and Qâ€trap mass spectrometry. Biomedical Chromatography, 2017, 31, e4026.	0.8	7
60	The Peripheral-Type Benzodiazepine Receptor Ligands [3H]Ro 5-4864 and [3H]PK 11195 Bind to the Retina of Rabbit, but Not of Turtle. Journal of Neurochemistry, 1993, 61, 1263-1269.	2.1	6
61	Retinal Plasticity. International Journal of Molecular Sciences, 2022, 23, 1138.	1.8	6
62	The bacterial toxin CNF1 as a tool to induce retinal degeneration reminiscent of retinitis pigmentosa. Scientific Reports, 2016, 6, 35919.	1.6	3
63	Structural abnormalities of retinal pigment epithelial cells in a lightâ€inducible, rhodopsin mutant mouse. Journal of Anatomy, 2023, 243, 223-234.	0.9	3
64	Knockout of CaV1.3 L-type calcium channels in a mouse model of retinitis pigmentosa. Scientific Reports, 2021, 11, 15146.	1.6	2
65	Fundamental Retinal Circuitry for Circadian Rhythms. , 2014, , 3-26.		1
66	Basic Retinal Circuitry in Health and Disease. Lecture Notes in Computer Science, 2005, , 99-107.	1.0	0