

Enrica Stretto

List of Publications by Year in descending order

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66
papers

6,763
citations

109137

35
h-index

110170

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

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19	Cone bipolar cells as interneurons in the rod, pathway of the rabbit retina. <i>Journal of Comparative Neurology</i> , 1994, 347, 139-149.	0.9	99
20	Pharmacological approaches to retinitis pigmentosa: A laboratory perspective. <i>Progress in Retinal and Eye Research</i> , 2015, 48, 62-81.	7.3	86
21	Bipolar cells of the mouse retina: A gene gun, morphological study. <i>Journal of Comparative Neurology</i> , 2004, 476, 254-266.	0.9	82
22	Botulinum Neurotoxin A Impairs Neurotransmission Following Retrograde Transynaptic Transport. <i>Traffic</i> , 2012, 13, 1083-1089.	1.3	79
23	Recruitment of the Rod Pathway by Cones in the Absence of Rods. <i>Journal of Neuroscience</i> , 2004, 24, 7576-7582.	1.7	77
24	Involvement of Autophagic Pathway in the Progression of Retinal Degeneration in a Mouse Model of Diabetes. <i>Frontiers in Cellular Neuroscience</i> , 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. <i>PLoS ONE</i> , 2011, 6, e24483.	1.1	73
26	Retinal organization in the bcl-2-overexpressing transgenic mouse. <i>Journal of Comparative Neurology</i> , 2002, 446, 1-10.	0.9	68
27	Inner retinal abnormalities in a mouse model of Leber's congenital amaurosis. <i>Journal of Comparative Neurology</i> , 2004, 469, 351-359.	0.9	65
28	Pattern of synaptic excitation and inhibition upon direction-selective retinal ganglion cells. <i>Journal of Comparative Neurology</i> , 2002, 449, 195-205.	0.9	58
29	Age-dependent remodelling of retinal circuitry. <i>Neurobiology of Aging</i> , 2009, 30, 819-828.	1.5	58
30	Advancing Clinical Trials for Inherited Retinal Diseases: Recommendations from the Second Monaciano Symposium. <i>Translational Vision Science and Technology</i> , 2020, 9, 2.	1.1	56
31	Environmental Enrichment Extends Photoreceptor Survival and Visual Function in a Mouse Model of Retinitis Pigmentosa. <i>PLoS ONE</i> , 2012, 7, e50726.	1.1	55
32	A Survey of Retinal Remodeling. <i>Frontiers in Cellular Neuroscience</i> , 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. <i>Journal of Comparative Neurology</i> , 2012, 520, 1406-1423.	0.9	43
34	Visual impairment in FOXP1-mutated individuals and mice. <i>Neuroscience</i> , 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. <i>Vision Research</i> , 1998, 38, 1537-1543.	0.7	38
36	Complexity of retinal cone bipolar cells. <i>Progress in Retinal and Eye Research</i> , 2010, 29, 272-283.	7.3	36

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37	Cone survival and preservation of visual acuity in an animal model of retinal degeneration. <i>European Journal of Neuroscience</i> , 2013, 37, 1853-1862.	1.2	36
38	The spatial organization of cholinergic mosaics in the adult mouse retina. <i>European Journal of Neuroscience</i> , 2000, 12, 3819-3822.	1.2	30
39	Site-specific abnormalities in the visual system of a mouse model of CDKL5 deficiency disorder. <i>Human Molecular Genetics</i> , 2019, 28, 2851-2861.	1.4	30
40	Novel ophthalmic formulation of myriocin: implications in retinitis pigmentosa. <i>Drug Delivery</i> , 2019, 26, 237-243.	2.5	28
41	All amacrine cells in the primate fovea contribute to photopic vision. <i>Scientific Reports</i> , 2018, 8, 16429.	1.6	27
42	Axonal Transport Blockade in the Neonatal Rat Optic Nerve Induces Limited Retinal Ganglion Cell Death. <i>Journal of Neuroscience</i> , 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. <i>Journal of Neuroscience</i> , 2003, 23, 9924-9928.	1.7	24
44	Rescuing cones and daylight vision in retinitis pigmentosa mice. <i>FASEB Journal</i> , 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. <i>European Journal of Neuroscience</i> , 1989, 1, 247-257.	1.2	22
46	Pattern of retinal morphological and functional decay in a light-inducible, rhodopsin mutant mouse. <i>Scientific Reports</i> , 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. <i>Molecular Vision</i> , 2014, 20, 1545-56.	1.1	22
48	Retinal Pigment Epithelium Remodeling in Mouse Models of Retinitis Pigmentosa. <i>International Journal of Molecular Sciences</i> , 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. <i>PLoS ONE</i> , 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. <i>Journal of Neuroscience</i> , 2019, 39, 9702-9715.	1.7	18
51	Electrophysiological responses of the mouse retina to 12C ions. <i>Neuroscience Letters</i> , 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. <i>Journal of Comparative Neurology</i> , 2020, 528, 1502-1522.	0.9	17
53	Retinal Phenotype in the rd9 Mutant Mouse, a Model of X-Linked RP. <i>Frontiers in Neuroscience</i> , 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. <i>Journal of Comparative Neurology</i> , 2019, 527, 187-211.	0.9	14

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55	Appearance of cGMP-phosphodiesterase immunoreactivity parallels the morphological differentiation of photoreceptor outer segments in the rat retina. <i>Visual Neuroscience</i> , 1993, 10, 395-402.	0.5	12
56	Myriocin Effect on Tvrn4 Retina, an Autosomal Dominant Pattern of Retinitis Pigmentosa. <i>Frontiers in Neuroscience</i> , 2020, 14, 372.	1.4	11
57	Santiago Ramí;zn Y Cajal, the retina and the neuron theory. <i>Documenta Ophthalmologica</i> , 1989, 71, 123-141.	1.0	10
58	AAV-Mediated Clarin-1 Expression in the Mouse Retina: Implications for USH3A Gene Therapy. <i>PLoS ONE</i> , 2016, 11, e0148874.	1.1	10
59	Determination of the serine palmitoyl transferase inhibitor myriocin by electrospray and Qâ€trap mass spectrometry. <i>Biomedical Chromatography</i> , 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. <i>Journal of Neurochemistry</i> , 1993, 61, 1263-1269.	2.1	6
61	Retinal Plasticity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1138.	1.8	6
62	The bacterial toxin CNF1 as a tool to induce retinal degeneration reminiscent of retinitis pigmentosa. <i>Scientific Reports</i> , 2016, 6, 35919.	1.6	3
63	Structural abnormalities of retinal pigment epithelial cells in a lightâ€inducible, rhodopsin mutant mouse. <i>Journal of Anatomy</i> , 2023, 243, 223-234.	0.9	3
64	Knockout of CaV1.3 L-type calcium channels in a mouse model of retinitis pigmentosa. <i>Scientific Reports</i> , 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. <i>Lecture Notes in Computer Science</i> , 2005, , 99-107.	1.0	0