David S Papermaster

List of Publications by Year
in descending order

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35 papers	2,727 citations	331670 21 h-index	414414 32 g-index
35 all docs	35 docs citations	35 times ranked	1376 citing authors

#	Article	IF	Citations
1	Prominin-1 Localizes to the Open Rims of Outer Segment Lamellae inXenopus laevisRod and Cone Photoreceptors. , 2012, 53, 361.		48
2	Identification of three prominin homologs and characterization of their messenger RNA expression in Xenopus laevis tissues. Molecular Vision, 2011, 17, 1381-96.	1.1	13
3	The C Terminus of Peripherin/rds Participates in Rod Outer Segment Targeting and Alignment of Disk Incisures. Molecular Biology of the Cell, 2004, 15, 2027-2037.	2.1	101
4	Arrestin migrates in photoreceptors in response to light: a study of arrestin localization using an arrestin-GFP fusion protein in transgenic frogs. Experimental Eye Research, 2003, 76, 553-563.	2.6	63
5	The Role of Subunit Assembly in Peripherin-2 Targeting to Rod Photoreceptor Disk Membranes and Retinitis Pigmentosa. Molecular Biology of the Cell, 2003, 14, 3400-3413.	2.1	57
6	The birth and death of photoreceptors: the Friedenwald Lecture. Investigative Ophthalmology and Visual Science, 2002, 43, 1300-9.	3.3	47
7	The proliferative and apoptotic activities of E2F1 in the mouse retina. Oncogene, 2001, 20, 7073-7084.	5.9	28
8	Mutant rab8 Impairs Docking and Fusion of Rhodopsin-bearing Post-Golgi Membranes and Causes Cell Death of TransgenicXenopusRods. Molecular Biology of the Cell, 2001, 12, 2341-2351.	2.1	223
9	A Functional Rhodopsin-Green Fluorescent Protein Fusion Protein Localizes Correctly in Transgenic Xenopus laevis Retinal Rods and Is Expressed in a Time-dependent Pattern. Journal of Biological Chemistry, 2001, 276, 28242-28251.	3.4	76
10	Identification of an Outer Segment Targeting Signal in the Cooh Terminus of Rhodopsin Using Transgenic Xenopus laevis. Journal of Cell Biology, 2000, 151, 1369-1380.	5.2	194
11	Post-Golgi Vesicles Cotransport Docosahexaenoyl-Phospholipids and Rhodopsin during Frog Photoreceptor Membrane Biogenesis. Journal of Biological Chemistry, 1997, 272, 10491-10497.	3.4	61
12	Apoptosis of the mammalian retina and lens. Cell Death and Differentiation, 1997, 4, 21-28.	11.2	13
13	Necessary but insufficient. Nature Medicine, 1995, 1, 874-875.	30.7	21
14	Apoptosis in Inherited Retinal Degenerations. , 1994, , 15-29.		13
15	Isolation of Post-Golgi Membranes Transporting Newly Synthesized Rhodopsin. Methods in Neurosciences, 1993, 15, 108-120.	0.5	7
16	Expression of opsin and IRBP genes in mutant RCS rats. Experimental Eye Research, 1992, 54, 545-554.	2.6	7
17	Opsin gene expression during early and late phases of retinal degeneration in rds mice. Experimental Eye Research, 1990, 51, 257-267.	2.6	35
18	Immunocytochemical reactivity ofXenopus laevisretinal rods and cones with several monoclonal antibodies to visual pigments. Journal of Comparative Neurology, 1989, 290, 105-117.	1.6	37

#	Article	IF	Citations
19	Production of bovine rhodopsin by mammalian cell lines expressing cloned cDNA: Spectrophotometry and subcellular localization. Vision Research, 1989, 29, 907-914.	1.4	147
20	Opsin distribution and synthesis in degenerating photoreceptors of rd mutant mice. Experimental Eye Research, 1989, 49, 403-421.	2.6	48
21	[19] Two-dimensional immunoelectrophoresis of membrane antigens. Methods in Enzymology, 1983, 96, 244-257.	1.0	1
22	[38] Immunocytochemistry of retinal membrane protein biosynthesis at the electron microscopic level by the albumin embedding technique. Methods in Enzymology, 1983, 96, 485-495.	1.0	16
23	[49] Subcellular fractionation and immunochemical analysis of membrane biosynthesis of photoreceptor proteins. Methods in Enzymology, 1983, 96, 609-617.	1.0	3
24	[8] Preparation of retinal rod outer segments. Methods in Enzymology, 1982, 81, 48-52.	1.0	256
25	[35] Preparation of antibodies to rhodopsin and the large protein of rod outer segments. Methods in Enzymology, 1982, 81, 240-246.	1.0	43
26	Cone lamellae and red and green rod outer segment disks contain a large intrinsic membrane protein on their margins: An ultrastructural immunocytochemical study of frog retinas. Vision Research, 1982, 22, 1417-1428.	1.4	62
27	Biosynthesis and Morphogenesis of Outer Segment Membranes in Vertebrate Photoreceptor Cells. , 1982, , 475-531.		27
28	OPSIN mRNA ISOLATION FROM BOVINE RETINA AND PARTIAL SEQUENCE OF THE IN VITRO TRANSLATION PRODUCT. Annals of the New York Academy of Sciences, 1980, 343, 347-355.	3.8	11
29	Biosynthetic and immunochemical characterization of a large protein in frog and cattle rod outer segment membranes. Experimental Eye Research, 1976, 23, 105-115.	2.6	84
30	Membrane Protein Assay. Science, 1976, 192, 616-616.	12.6	2
31	Membrane biosynthesis in the frog retina. Opsin transport in the photoreceptor cell. Biochemistry, 1975, 14, 1343-1352.	2.5	106
32	Rhodopsin content in the outer segment membranes of bovine and frog retinal rods. Biochemistry, 1974, 13, 2438-2444.	2.5	784
33	ON THE ABSENCE OF UBIQUITOUS STRUCTURAL PROTEIN SUBUNITS IN BIOLOGICAL MEMBRANES*. Annals of the New York Academy of Sciences, 1972, 195, 61-74.	3.8	29
34	Studies on Synthetic Polypeptide Antigens. Journal of Biological Chemistry, 1967, 242, 3308-3318.	3.4	47
35	Metabolism of Isomeric Synthetic Polypeptides. Nature, 1964, 203, 644-645.	27.8	17