A S Lewin

List of Publications by Year in descending order

44 papers	2,717 citations	257450 24 h-index	254184 43 g-index
44 all docs	44 docs citations	44 times ranked	1885 citing authors

#	Article	IF	Citations
1	Gene Augmentation for X-Linked Retinitis Pigmentosa Caused by Mutations in RPGR. Cold Spring Harbor Perspectives in Medicine, 2015, 5, a017392-a017392.	6.2	19
2	Gene Augmentation for adRP Mutations in RHO. Cold Spring Harbor Perspectives in Medicine, 2014, 4, a017400-a017400.	6.2	33
3	LHON Gene Therapy Vector Prevents Visual Loss and Optic Neuropathy Induced by G11778A Mutant Mitochondrial DNA: Biodistribution and Toxicology Profile. Investigative Ophthalmology and Visual Science, 2014, 55, 7739-7753.	3.3	52
4	Gene delivery to mitochondria by targeting modified adenoassociated virus suppresses Leberâ€™s hereditary optic neuropathy in a mouse model. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1238-47.	7.1	153
5	Gene therapy rescues photoreceptor blindness in dogs and paves the way for treating human X-linked retinitis pigmentosa. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2132-2137.	7.1	237
6	rAAV2/5 gene-targeting to rods:dose-dependent efficiency and complications associated with different promoters. Gene Therapy, 2010, 17, 1162-1174.	4.5	70
7	Restoration of visual function in P23H rhodopsin transgenic rats by gene delivery of BiP/Grp78. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 5961-5966.	7.1	265
8	Preservation of photoreceptor morphology and function in P23H rats using an allele independent ribozyme. Experimental Eye Research, 2007, 84, 44-52.	2.6	85
9	Anti-clarin-1 AAV-delivered ribozyme induced apoptosis in the mouse cochlea. Hearing Research, 2007, 230, 9-16.	2.0	14
10	Suppression of mouse rhodopsin expression in vivo by AAV mediated siRNA delivery. Vision Research, 2007, 47, 1202-1208.	1.4	61
11	Reduction in Preretinal Neovascularization by Ribozymes That Cleave the A 2B Adenosine Receptor mRNA. Circulation Research, 2003, 93, 500-506.	4.5	32
12	Inhibition of Gene Expression by Ribozymes William W. Hauswirth, Lynn C. Shaw, Patrick O. Whalen, Jason J. Fritz,. , 2001, 47, 105-124.		1
13	Ribozyme gene therapy: applications for molecular medicine. Trends in Molecular Medicine, 2001, 7, 221-228.	6.7	106
14	An allele-specific hammerhead ribozyme gene therapy for a porcine model of autosomal dominant retinitis pigmentosa. Molecular Vision, 2001, 7, 6-13.	1.1	19
15	[49] Ribozymes in treatment of inherited retinal disease. Methods in Enzymology, 2000, 316, 761-776.	1.0	12
16	Ribozyme uses in retinal gene therapy. Progress in Retinal and Eye Research, 2000, 19, 689-710.	15.5	37
17	Ribozyme rescue of photoreceptor cells in P23H transgenic rats: Long-term survival and late-stage therapy. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 11488-11493.	7.1	195
18	Ribozyme Gene Therapy for Autosomal Dominant Retinal Disease. Clinical Chemistry and Laboratory Medicine, 2000, 38, 147-53.	2.3	28

#	Article	IF	Citations
19	[48] Production and purification of recombinant adeno-associated virus. Methods in Enzymology, 2000, 316, 743-761.	1.0	152
20	An RNA Binding Motif in the Cbp2 Protein Required for Protein-stimulated RNA Catalysis. Journal of Biological Chemistry, 1999, 274, 30393-30401.	3.4	6
21	Ribozyme rescue of photoreceptor cells in a transgenic rat model of autosomal dominant retinitis pigmentosa. Nature Medicine, 1998, 4, 967-971.	30.7	396
22	Ribozyme-targeted destruction of RNA associated with autosomal-dominant retinitis pigmentosa. Investigative Ophthalmology and Visual Science, 1998, 39, 681-9.	3.3	53
23	The Cbp2 Protein Stimulates the Splicing of the Â Intron of Yeast Mitochondria. Nucleic Acids Research, 1997, 25, 1597-1604.	14.5	20
24	The Cbp2 protein suppresses splice site mutations in a group I intron. Nucleic Acids Research, 1996, 24, 3415-3423.	14.5	8
25	Cotranscriptional Splicing of a Group I Intron Is Facilitated by the Cbp2 Protein. Molecular and Cellular Biology, 1995, 15, 6971-6978.	2.3	22
26	Protein-induced Folding of a Group I Intron in Cytochrome b Pre-mRNA. Journal of Biological Chemistry, 1995, 270, 21552-21562.	3.4	22
27	Mutational evidence for competition between the P1 and the P10 helices of a mitochondrial group I intron. Nucleic Acids Research, 1992, 20, 2349-2353.	14.5	11
28	Alternative topogenic signals in peroxisomal citrate synthase of Saccharomyces cerevisiae.. Molecular and Cellular Biology, 1992, 12, 5593-5599.	2.3	29
29	Alternative Topogenic Signals in Peroxisomal Citrate Synthase of Saccharomyces cerevisiae. Molecular and Cellular Biology, 1992, 12, 5593-5599.	2.3	7
30	The rate and specificity of a group I ribozyme are inversely affected by choice of monovalent salt. Nucleic Acids Research, 1991, 19, 605-609.	14.5	19
31	Citrate synthase encoded by the CIT2 gene of Saccharomyces cerevisiae is peroxisomal.. Molecular and Cellular Biology, 1990, 10, 1399-1405.	2.3	121
32	Splicing of COB intron 5 requires pairing between the internal guide sequence and both flanking exons.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 8192-8196.	7.1	23
33	Citrate synthase encoded by the CIT2 gene of Saccharomyces cerevisiae is peroxisomal. Molecular and Cellular Biology, 1990, 10, 1399-1405.	2.3	58
34	Autocatalytic activities of intron 5 of the cob gene of yeast mitochondria.. Molecular and Cellular Biology, 1988, 8, 2562-2571.	2.3	44
35	Autocatalytic Activities of Intron 5 of the cob Gene of Yeast Mitochondria. Molecular and Cellular Biology, 1988, 8, 2562-2571.	2.3	22
36	Nuclear and mitochondrial revertants of a mitochondrial mutant with a defect in the ATP synthetase complex. Molecular Genetics and Genomics, 1987, 207, 106-113.	2.4	9

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37	Extramitochondrial citrate synthase activity in bakers' yeast.. Molecular and Cellular Biology, 1986, 6, 488-493.	2.3	34
38	Extramitochondrial citrate synthase activity in bakers' yeast. Molecular and Cellular Biology, 1986, 6, 488-493.	2.3	21
39	Derepression of citrate synthase in Saccharomyces cerevisiae may occur at the level of transcription.. Molecular and Cellular Biology, 1984, 4, 247-253.	2.3	19
40	Derepression of Citrate Synthase in Saccharomyces cerevisiae May Occur at the Level of Transcription. Molecular and Cellular Biology, 1984, 4, 247-253.	2.3	11
41	Submitochondrial localization, cell-free synthesis, and mitochondrial import of 2-isopropylmalate synthase of yeast.. Proceedings of the National Academy of Sciences of the United States of America, 1983, 80, 1270-1274.	7.1	31
42	Assembly of F1-ATPase in isolated mitochondria.. Journal of Biological Chemistry, 1983, 258, 6750-6755.	3.4	27
43	Assembly of F1-ATPase in isolated mitochondria. Journal of Biological Chemistry, 1983, 258, 6750-5.	3.4	22
44	Cytoplasmically made subunits of yeast mitochondrial F1-ATPase and cytochrome c oxidase are synthesized as individual precursors, not as polyproteins.. Proceedings of the National Academy of Sciences of the United States of America, 1980, 77, 3998-4002.	7.1	111