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List of Publications by Year
in descending order

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53	4,046	147801	182427
papers	citations	31 h-index	51 g-index

54	54	54	2964
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Genomic DNA transfer with a high-capacity adenovirus vector results in improved in vivo gene expression and decreased toxicity. Nature Genetics, 1998, 18, 180-183.	21.4	641
2	Administration of helper-dependent adenoviral vectors and sequential delivery of different vector serotype for long-term liver-directed gene transfer in baboons. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 12816-12821.	7.1	412
3	The origin of the major cystic fibrosis mutation (Î”F508) in European populations. Nature Genetics, 1994, 7, 169-175.	21.4	323
4	High Doses of a Helper-Dependent Adenoviral Vector Yield Supraphysiological Levels ofÎ±₁-Antitrypsin with Negligible Toxicity. Human Gene Therapy, 1998, 9, 2709-2716.	2.7	249
5	Immune Responses to Reporter Proteins and High Viral Dose Limit Duration of Expression with Adenoviral Vectors: Comparison of E2a Wild Type and E2a Deleted Vectors. Human Gene Therapy, 1997, 8, 1275-1286.	2.7	175
6	Use of a Liver-Specific Promoter Reduces Immune Response to the Transgene in Adenoviral Vectors. Human Gene Therapy, 1999, 10, 1773-1781.	2.7	174
7	Lethal Toxicity, Severe Endothelial Injury, and a Threshold Effect with High Doses of an Adenoviral Vector in Baboons. Human Gene Therapy, 2002, 13, 143-154.	2.7	160
8	CAGT Microsatellite alleles within the cystic fibrosis transmembrane conductance regulator (CFTR) gene are not generated by unequal crossingover. Genomics, 1991, 10, 692-698.	2.9	129
9	Toxicological Comparison of E2a-Deleted and First-Generation Adenoviral Vectors ExpressingÎ±₁-Antitrypsin after Systemic Delivery. Human Gene Therapy, 1998, 9, 1587-1598.	2.7	118
10	The search for South European cystic fibrosis mutations: Identification of two new mutations, four variants, and intronic sequences. Genomics, 1991, 10, 193-200.	2.9	117
11	Sterol Regulatory Element-binding Protein-1 (SREBP-1) Is Required to Regulate Glycogen Synthesis and Gluconeogenic Gene Expression in Mouse Liver. Journal of Biological Chemistry, 2014, 289, 5510-5517.	3.4	102
12	Microsatellite haplotypes for cystic fibrosis: mutation frameworks and evolutionary tracers. Human Molecular Genetics, 1993, 2, 1015-1022.	2.9	97
13	Development of a complementing cell line and a system for construction of adenovirus vectors with E1 and E2a deleted. Journal of Virology, 1996, 70, 7030-7038.	3.4	89
14	Toxicity Associated with Repeated Administration of First-Generation Adenovirus Vectors Does Not Occur with a Helper-Dependent Vector. Molecular Medicine, 2000, 6, 179-195.	4.4	79
15	Multiplex PCR amplification of three microsatellites within the CFTR gene. Genomics, 1992, 13, 1362-1364.	2.9	73
16	Gene therapy for inherited retinal and optic nerve degenerations. Expert Opinion on Biological Therapy, 2018, 18, 37-49.	3.1	72
17	Basal Insulin Gene Expression Significantly Improves Conventional Insulin Therapy in Type 1 Diabetic Rats. Diabetes, 2002, 51, 130-138.	0.6	71
18	Analysis of the CFTR gene confirms the high genetic heterogeneity of the Spanish population: 43 mutations account for only 78% of CF chromosomes. Human Genetics, 1994, 93, 447-51.	3.8	65

#	Article	IF	Citations
19	Novel targets and therapeutic strategies for type 2 diabetes. Trends in Endocrinology and Metabolism, 2003, 14, 169-175.	7.1	58
20	Lack of liver glycogen causes hepatic insulin resistance and steatosis in mice. Journal of Biological Chemistry, 2017, 292, 10455-10464.	3.4	58
21	Î”F508 GENE DELETION IN CYSTIC FIBROSIS IN SOUTHERN EUROPE. Lancet, The, 1989, 334, 1404.	13.7	56
22	Gene therapy for age-related macular degeneration. Expert Opinion on Biological Therapy, 2017, 17, 1235-1244.	3.1	53
23	Transcription releases protein VII from adenovirus chromatin. Virology, 2007, 369, 411-422.	2.4	50
24	Hepatic insulin expression improves glycemic control in type 1 diabetic rats. Diabetes Research and Clinical Practice, 2001, 52, 153-163.	2.8	44
25	Effects of glucose metabolism on the regulation of genes of fatty acid synthesis and triglyceride secretion in the liver. Journal of Lipid Research, 2007, 48, 1499-1510.	4.2	43
26	Haplotype analysis of 94 cystic fibrosis mutations with seven polymorphicCFTR DNA markers. , 1996, 8, 149-159.		42
27	A tetranucleotide repeat polymorphism in the cystic fibrosis gene. Human Genetics, 1991, 86, 625.	3.8	35
28	Cystic fibrosis in Spain: high frequency of mutation G542X in the Mediterranean coastal area. Human Genetics, 1993, 91, 66-70.	3.8	35
29	Complete detection of mutations in cystic fibrosis patients of Native American origin. Human Genetics, 1994, 94, 629-32.	3.8	35
30	Cystic fibrosis in a low-incidence population: two major mutations in Finland. Human Genetics, 1994, 93, 162-166.	3.8	35
31	Adenovirus-Mediated Expression of Glucokinase in the Liver as an Adjuvant Treatment for Type 1 Diabetes. Human Gene Therapy, 2002, 13, 1561-1570.	2.7	33
32	Helper-dependent Adenovirus-mediated Short Hairpin RNA Expression in the Liver Activates the Interferon Response. Journal of Biological Chemistry, 2008, 283, 2120-2128.	3.4	33
33	Uniparental inheritance of microsatellite alleles of the cystic fibrosis gene (CFTR): identification of a 50 kilobase deletion. Human Molecular Genetics, 1993, 2, 677-681.	2.9	32
34	CFTR haplotypic variability for normal and mutant genes in cystic fibrosis families from southern France. Human Genetics, 1996, 98, 336-344.	3.8	29
35	Reply to â€" Age of the Î”F508 cystic fibrosis mutation. Nature Genetics, 1994, 8, 216-218.	21.4	25
36	Comparative nucleic acid transfection efficacy in primary hepatocytes for gene silencing and functional studies. BMC Research Notes, 2011, 4, 8.	1.4	22

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37	Dinucleotide (CA/GT) repeat polymorphism in intron 17B of the cystic fibrosis transmembrane conductance regulator (CFTR) gene. Human Genetics, 1992, 88, 356.	3.8	21
38	Robust Hepatic Gene Silencing for Functional Studies Using Helper-Dependent Adenoviral Vectors. Human Gene Therapy, 2009, 20, 87-94.	2.7	21
39	Accurate single-day titration of adenovirus vectors based on equivalence of protein VII nuclear dots and infectious particles. Journal of Virological Methods, 2009, 159, 251-258.	2.1	19
40	Analysis of microsatellites by direct blotting electrophoresis and chemiluminescence detection. Electrophoresis, 1995, 16, 1886-1888.	2.4	18
41	Identical Intragenic MicrosateUite Haplotype Found in Cystic Fibrosis Chromosomes Bearing Mutation G551D in Irish, English, Scottish, Breton and Czech Patients. Human Heredity, 1995, 45, 6-12.	0.8	18
42	Prenatal diagnosis of cystic fibrosis by multiplex PCR of mutation and microsatellite alleles. Lancet, The, 1991, 338, 458.	13.7	12
43	Gene targets of mouse miR-709: regulation of distinct pools. Scientific Reports, 2016, 6, 18958.	3.3	12
44	Constitutive Expression of Short Hairpin RNAin VivoTriggers Buildup of Mature Hairpin Molecules. Human Gene Therapy, 2011, 22, 1483-1497.	2.7	11
45	Impact of silencing hepatic SREBP-1 on insulin signaling. PLoS ONE, 2018, 13, e0196704.	2.5	9
46	Vector and Helper Genome Rearrangements Occur During Production of Helper-Dependent Adenoviral Vectors. Human Gene Therapy Methods, 2013, 24, 1-10.	2.1	7
47	shRNA-Induced Interferon-Stimulated Gene Analysis. Methods in Molecular Biology, 2012, 820, 163-177.	0.9	6
48	Challenges for Gene Therapy of Type 1 Diabetes. Current Gene Therapy, 2002, 2, 403-414.	2.0	6
49	Role of non-coding RNAs on liver metabolism and NAFLD pathogenesis. Human Molecular Genetics, 2022, 31, R4-R21.	2.9	6
50	Enhancing hepatic mitochondrial fatty acid oxidation stimulates eating in food-deprived mice. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 308, R131-R137.	1.8	5
51	Aberrant gene expression induced by a high fat diet is linked to H3K9 acetylation in the promoter-proximal region. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2021, 1864, 194691.	1.9	5
52	Haplotype analysis of 94 cystic fibrosis mutations with seven polymorphic CFTR DNA markers. Human Mutation, 1996, 8, 149-159.	2.5	5
53	Insights from a high-fat diet fed mouse model with a humanized liver. PLoS ONE, 2022, 17, e0268260.	2.5	1