Ronald Crystal

List of Publications by Year
in descending order

177	12,781	23567	26613
papers	citations	58 h-index	107 g-index

179	179	179	14253
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Metabolic and Metabo-Clinical Signatures of Type 2 Diabetes, Obesity, Retinopathy, and Dyslipidemia. Diabetes, 2022, 71, 184-205.	0.6	29
2	Can gene therapy be used to prevent cancer? Gene therapy for aldehyde dehydrogenase 2 deficiency. Cancer Gene Therapy, 2022, 29, 889-896.	4.6	1
3	Genetic Modification of the AAV5 Capsid with Lysine Residues Results in a Lung-Tropic Liver-Detargeted Gene Transfer Vector. Human Gene Therapy, 2022, 33, 148-154.	2.7	2
4	The QChip1 knowledgebase and microarray for precision medicine in Qatar. Npj Genomic Medicine, 2022, 7, 3.	3.8	4
5	Impaired differentiation of small airway basal stem/progenitor cells in people living with HIV. Scientific Reports, 2022, 12, 2966.	3.3	3
6	HIV induces airway basal progenitor cells to adopt an inflammatory phenotype. Scientific Reports, 2021, 11, 3988.	3.3	12
7	Extracellular vesicles from human airway basal cells respond to cigarette smoke extract and affect vascular endothelial cells. Scientific Reports, 2021, 11, 6104.	3.3	14
8	CREB-dependent LPA-induced signaling initiates a pro-fibrotic feedback loop between small airway basal cells and fibroblasts. Respiratory Research, 2021, 22, 97.	3.6	6
9	Gene therapy for a murine model of eosinophilic esophagitis. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2740-2752.	5.7	11
10	Safety of Direct Intraparenchymal AAVrh.10-Mediated Central Nervous System Gene Therapy for Metachromatic Leukodystrophy. Human Gene Therapy, 2021, 32, 563-580.	2.7	18
11	Primum Non Nocere: Should Gene Therapy Be Used to Prevent Potentially Fatal Disease but Enable Potentially Destructive Behavior?. Human Gene Therapy, 2021, 32, 529-534.	2.7	1
12	Up-regulation of ACE2, the SARS-CoV-2 receptor, in asthmatics on maintenance inhaled corticosteroids. Respiratory Research, 2021, 22, 200.	3.6	10
13	Automated Retinal Layer Segmentation in CLN2-Associated Disease: Commercially Available Software Characterizing a Progressive Maculopathy. Translational Vision Science and Technology, 2021, 10, 23.	2.2	2
14	A Novel STK4 Mutation Impairs T Cell Immunity Through Dysregulation of Cytokine-Induced Adhesion and Chemotaxis Genes. Journal of Clinical Immunology, 2021, 41, 1839-1852.	3.8	3
15	Gene therapy in a murine model of chronic eosinophilic leukemia-not otherwise specified (CEL-NOS). Leukemia, 2021, , .	7.2	2
16	Smoking shifts human small airway epithelium club cells toward a lesser differentiated population. Npj Genomic Medicine, 2021, 6, 73.	3.8	12
17	Longâ€term functional correction of cystathionine Î²â€synthase deficiency in mice by adenoâ€associated viral gene therapy. Journal of Inherited Metabolic Disease, 2021, 44, 1382-1392.	3.6	7
18	Epicardial delivery of XC001 gene therapy for refractory angina coronary treatment (The EXACT Trial): Rationale, design, and clinical considerations. American Heart Journal, 2021, 241, 38-49.	2.7	10

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19	Novel MYO5B Mutation in Microvillous Inclusion Disease of Syrian Ancestry. Journal of Physical Education and Sports Management, 2021, , mcs.a006103.	1.2	0
20	Anti-Phospho-Tau Gene Therapy for Chronic Traumatic Encephalopathy. Human Gene Therapy, 2020, 31, 57-69.	2.7	13
21	Systemic Adeno-Associated Virus-Mediated Gene Therapy Prevents the Multiorgan Disorders Associated with Aldehyde Dehydrogenase 2 Deficiency and Chronic Ethanol Ingestion. Human Gene Therapy, 2020, 31, 163-182.	2.7	6
22	Association of vitamin D₃ and its metabolites in patients with and without type 2 diabetes and their relationship to diabetes complications. Therapeutic Advances in Chronic Disease, 2020, 11, 204062232092415.	2.5	18
23	Stress-Induced Mouse Model of the Cardiac Manifestations of Friedreich's Ataxia Corrected by AAV-mediated Gene Therapy. Human Gene Therapy, 2020, 31, 819-827.	2.7	23
24	Increased airway iron parameters and risk for exacerbation in COPD: an analysis from SPIROMICS. Scientific Reports, 2020, 10, 10562.	3.3	14
25	Slowing late infantile Batten disease by direct brain parenchymal administration of a rh.10 adeno-associated virus expressing CLN2. Science Translational Medicine, 2020, 12, .	12.4	35
26	Qatari Genotype May Contribute to Complications in Type 2 Diabetes. Journal of Diabetes Research, 2020, 2020, 1-6.	2.3	1
27	Cell-specific expression of lung disease risk-related genes in the human small airway epithelium. Respiratory Research, 2020, 21, 200.	3.6	27
28	Reply to Sharma and Zeki: Does Vaping Increase Susceptibility to COVID-19?. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 1056-1057.	5.6	7
29	Dysregulation of club cell biology in idiopathic pulmonary fibrosis. PLoS ONE, 2020, 15, e0237529.	2.5	25
30	My Pathway to Gene Therapy. Human Gene Therapy, 2020, 31, 273-282.	2.7	0
31	Association of vitamin D2 and D3 with type 2 diabetes complications. BMC Endocrine Disorders, 2020, 20, 65.	2.2	22
32	Expression of the SARS-CoV-2 ACE2 Receptor in the Human Airway Epithelium. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 219-229.	5.6	208
33	Identifying novel associations in GWAS by hierarchical Bayesian latent variable detection of differentially misclassified phenotypes. BMC Bioinformatics, 2020, 21, 178.	2.6	7
34	Symmetric Age Association of Retinal Degeneration in Patients with CLN2-Associated Batten Disease. Ophthalmology Retina, 2020, 4, 728-736.	2.4	14
35	Single-Cell Transcriptome Analysis of Mouse Liver Cell-Specific Tropism and Transcriptional Dysregulation Following Intravenous Administration of AAVrh.10 Vectors. Human Gene Therapy, 2020, 31, 590-604.	2.7	15
36	Intermittent exposure to whole cigarette smoke alters the differentiation of primary small airway epithelial cells in the air-liquid interface culture. Scientific Reports, 2020, 10, 6257.	3.3	45

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37	Association of Differing Qatari Genotypes with Vitamin D Metabolites. International Journal of Endocrinology, 2020, 2020, 1-6.	1.5	4
38	Cocaine vaccine dAd5GNE protects against moderate daily and high-dose â€œbingeâ€•cocaine use. PLoS ONE, 2020, 15, e0239780.	2.5	18
39	Gene therapy for C1 esterase inhibitor deficiency in a Murine Model of Hereditary angioedema. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 1081-1089.	5.7	31
40	Role of KRAS in regulating normal human airway basal cell differentiation. Respiratory Research, 2019, 20, 181.	3.6	5
41	Advances in the treatment of neuronal ceroid lipofuscinosis. Expert Opinion on Orphan Drugs, 2019, 7, 473-500.	0.8	20
42	Characterization of an immortalized human small airway basal stem/progenitor cell line with airway region-specific differentiation capacity. Respiratory Research, 2019, 20, 196.	3.6	43
43	Gene Therapy Correction of Aldehyde Dehydrogenase 2 Deficiency. Molecular Therapy - Methods and Clinical Development, 2019, 15, 72-82.	4.1	23
44	Exaggerated BMP4 signalling alters human airway basal progenitor cellÂdifferentiation to cigarette smoking-related phenotypes. European Respiratory Journal, 2019, 53, 1702553.	6.7	40
45	Whole-methylome analysis of circulating monocytes in acute diabetic Charcot foot reveals differentially methylated genes involved in the formation of osteoclasts. Epigenomics, 2019, 11, 281-296.	2.1	8
46	Cell-specific upregulation of lung â€œcancer signature genesâ€•in the small airway epithelium of asymptomatic smokers.. Journal of Clinical Oncology, 2019, 37, 3109-3109.	1.6	0
47	A systematic review on the genetics of male infertility in the era of next-generation sequencing. Arab Journal of Urology Arab Association of Urology, 2018, 16, 53-64.	1.5	36
48	Attenuation of the Niemann-Pick type C2 disease phenotype by intracisternal administration of an AAVrh.10 vector expressing Npc2. Experimental Neurology, 2018, 306, 22-33.	4.1	16
49	Point-of-care whole-exome sequencing of idiopathic male infertility. Genetics in Medicine, 2018, 20, 1365-1373.	2.4	105
50	AAVrh.10-Mediated APOE2 Central Nervous System Gene Therapy for APOE4-Associated Alzheimer's Disease. Human Gene Therapy Clinical Development, 2018, 29, 24-47.	3.1	90
51	At the Root: Defining and Halting Progression of Early Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 1540-1551.	5.6	185
52	Whole-exome sequencing identifies common and rare variant metabolic QTLs in a Middle Eastern population. Nature Communications, 2018, 9, 333.	12.8	63
53	Biology of the Adrenal Gland Cortex Obviates Effective Use of Adeno-Associated Virus Vectors to Treat Hereditary Adrenal Disorders. Human Gene Therapy, 2018, 29, 403-412.	2.7	29
54	p63 Silencing induces reprogramming of cardiac fibroblasts into cardiomyocyte-like cells. Journal of Thoracic and Cardiovascular Surgery, 2018, 156, 556-565.e1.	0.8	12

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55	In Vivo Potency Assay for Adeno-Associated Virusâ€"Based Gene Therapy Vectors Using AAVrh.10 as an Example. Human Gene Therapy Methods, 2018, 29, 146-155.	2.1	18
56	Untargeted Metabolite Profiling of Cerebrospinal Fluid Uncovers Biomarkers for Severity of Late Infantile Neuronal Ceroid Lipofuscinosis (CLN2, Batten Disease). Scientific Reports, 2018, 8, 15229.	3.3	21
57	Corneal confocal microscopy: Neurologic disease biomarker in Friedreich ataxia. Annals of Neurology, 2018, 84, 893-904.	5.3	31
58	Exome sequencing-based identification of novel type 2 diabetes risk allele loci in the Qatari population. PLoS ONE, 2018, 13, e0199837.	2.5	7
59	Disease characteristics and progression in patients with late-infantile neuronal ceroid lipofuscinosis type 2 (CLN2) disease: an observational cohort study. The Lancet Child and Adolescent Health, 2018, 2, 582-590.	5.6	84
60	Altered lung biology of healthy never smokers following acute inhalation of E-cigarettes. Respiratory Research, 2018, 19, 78.	3.6	98
61	Ontogeny and Biology of Human Small Airway Epithelial Club Cells. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1375-1388.	5.6	79
62	Intrapleural Gene Therapy for Alpha-1 Antitrypsin Deficiency-Related Lung Disease. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2018, 5, 244-257.	0.7	14
63	Mandatory role of HMGA1 in human airway epithelial normal differentiation and post-injury regeneration. Oncotarget, 2018, 9, 14324-14337.	1.8	9
64	HIV Reprograms Human Airway Basal Stem/Progenitor Cells to Acquire a Tissue-Destructive Phenotype. Cell Reports, 2017, 19, 1091-1100.	6.4	12
65	Role of OSGIN1 in mediating smoking-induced autophagy in the human airway epithelium. Autophagy, 2017, 13, 1205-1220.	9.1	50
66	Smoking-Dependent Distal-to-Proximal Repatterning of the Adult Human Small Airway Epithelium. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 340-352.	5.6	83
67	Genetic Modification of the Lung Directed Toward Treatment of Human Disease. Human Gene Therapy, 2017, 28, 3-84.	2.7	37
68	Compelling evidence for the efficacy of Î±1-antitrypsin augmentation treatment for Î±1-antitrypsin deficiency. Lancet Respiratory Medicine,the, 2017, 5, 7-8.	10.7	3
69	Endothelial Cell Mediated Promotion of Ciliated Cell Differentiation of Human Airway Basal Cells via Insulin and Insulin-Like Growth Factor 1 Receptor Mediated Signaling. Stem Cell Reviews and Reports, 2017, 13, 309-317.	5.6	11
70	Intracerebral gene therapy in children with mucopolysaccharidosis type IIIB syndrome: an uncontrolled phase 1/2 clinical trial. Lancet Neurology, The, 2017, 16, 712-720.	10.2	149
71	Refining Current Scientific Priorities and Identifying New Scientific Gaps in HIV-Related Heart, Lung, Blood, and Sleep Research. AIDS Research and Human Retroviruses, 2017, 33, 889-897.	1.1	6
72	EGF-Amphiregulin Interplay in Airway Stem/Progenitor Cells Links the Pathogenesis of Smoking-Induced Lesions in the Human Airway Epithelium. Stem Cells, 2017, 35, 824-837.	3.2	54

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73	In situ reprogramming to transdifferentiate fibroblasts into cardiomyocytes using adenoviral vectors: Implications for clinical myocardial regeneration. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 329-339.e3.	0.8	43
74	An independent component analysis confounding factor correction framework for identifying broad impact expression quantitative trait loci. PLoS Computational Biology, 2017, 13, e1005537.	3.2	12
75	Waterpipe smoking induces epigenetic changes in the small airway epithelium. PLoS ONE, 2017, 12, e0171112.	2.5	30
76	The Role of Interleukin-23 in the Early Development of Emphysema in HIV1⁺Smokers. Journal of Immunology Research, 2016, 2016, 1-14.	2.2	11
77	Anti-hIgE gene therapy of peanut-induced anaphylaxis in a humanized murine model of peanut allergy. Journal of Allergy and Clinical Immunology, 2016, 138, 1652-1662.e7.	2.9	33
78	Persistence of circulating endothelial microparticles in COPD despite smoking cessation. Thorax, 2016, 71, 1137-1144.	5.6	40
79	Vectored Intracerebral Immunization with the Anti-Tau Monoclonal Antibody PHF1 Markedly Reduces Tau Pathology in Mutant Tau Transgenic Mice. Journal of Neuroscience, 2016, 36, 12425-12435.	3.6	53
80	JAG1-Mediated Notch Signaling Regulates Secretory Cell Differentiation of the Human Airway Epithelium. Stem Cell Reviews and Reports, 2016, 12, 454-463.	5.6	23
81	POU2AF1 Functions in the Human Airway Epithelium To Regulate Expression of Host Defense Genes. Journal of Immunology, 2016, 196, 3159-3167.	0.8	48
82	Gene Therapy for Alpha-1 Antitrypsin Deficiency Lung Disease. Annals of the American Thoracic Society, 2016, 13, S352-S369.	3.2	38
83	Efficacy of an adenovirus-based anti-cocaine vaccine to reduce cocaine self-administration and reacqusition using a choice procedure in rhesus macaques. Pharmacology Biochemistry and Behavior, 2016, 150-151, 76-86.	2.9	46
84	Sarcoidosis in America. Analysis Based on Health Care Use. Annals of the American Thoracic Society, 2016, 13, 1244-1252.	3.2	257
85	The Qatar genome: a population-specific tool for precision medicine in the Middle East. Human Genome Variation, 2016, 3, 16016.	0.7	103
86	Brain Regionâ€“Specific Degeneration with Disease Progression in Late Infantile Neuronal Ceroid Lipofuscinosis (CLN2 Disease). American Journal of Neuroradiology, 2016, 37, 1160-1169.	2.4	19
87	Gene therapy for metachromatic leukodystrophy. Journal of Neuroscience Research, 2016, 94, 1169-1179.	2.9	64
88	Two hits in one: whole genome sequencing unveils LIG4 syndrome and urofacial syndrome in a case report of a child with complex phenotype. BMC Medical Genetics, 2016, 17, 84.	2.1	17
89	Intracerebral adeno-associated virus gene delivery of apolipoprotein E2 markedly reduces brain amyloid pathology in Alzheimer's disease mouse models. Neurobiology of Aging, 2016, 44, 159-172.	3.1	59
90	Progression to COPD in smokers with normal spirometry/low DLCO using different methods to determine normal levels. European Respiratory Journal, 2016, 47, 1888-1889.	6.7	6

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91	Cigarette Smoking Induces Changes in Airway Epithelial Expression of Genes Associated with Monogenic Lung Disorders. American Journal of Respiratory and Critical Care Medicine, 2016, 193, 215-217.	5.6	11
92	Indigenous Arabs are descendants of the earliest split from ancient Eurasian populations. Genome Research, 2016, 26, 151-162.	5.5	89
93	Adenovirus-Based Vaccines for the Treatment of Substance Use Disorders. , 2016, , 229-248.		1
94	Smoking-Associated Disordering of the Airway Basal Stem/Progenitor Cell Metabotype. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 231-240.	2.9	28
95	Type 2 Diabetes Risk Allele Loci in the Qatari Population. PLoS ONE, 2016, 11, e0156834.	2.5	30
96	Anti-Epidermal Growth Factor Receptor Gene Therapy for Glioblastoma. PLoS ONE, 2016, 11, e0162978.	2.5	19
97	455. Safety of Vaccination to Treat Cocaine Addiction with Capsid Proteins from a Disrupted Adenovirus Conjugated to a Cocaine Analog. Molecular Therapy, 2015, 23, S180-S181.	8.2	1
98	Activation of NOTCH1 or NOTCH3 Signaling Skews Human Airway Basal Cell Differentiation toward a Secretory Pathway. PLoS ONE, 2015, 10, e0116507.	2.5	74
99	Persistence of Smoking-Induced Dysregulation of MiRNA Expression in the Small Airway Epithelium Despite Smoking Cessation. PLoS ONE, 2015, 10, e0120824.	2.5	60
100	Serum Metabolite Biomarkers Discriminate Healthy Smokers from COPD Smokers. PLoS ONE, 2015, 10, e0143937.	2.5	43
101	Evaluation of Compounded Bevacizumab Prepared for Intravitreal Injection. JAMA Ophthalmology, 2015, 133, 32.	2.5	42
102	Role of SLMAP genetic variants in susceptibility of diabetes and diabetic retinopathy in Qatari population. Journal of Translational Medicine, 2015, 13, 61.	4.4	13
103	Augmentation treatment for Î±1 antitrypsin deficiency. Lancet, The, 2015, 386, 318-320.	13.7	9
104	Endothelial MMP14 is required for endothelial dependent growth support of human airway basal cells. Journal of Cell Science, 2015, 128, 2983-8.	2.0	13
105	Intracerebral Gene Therapy Using AAVrh.10-hARSA Recombinant Vector to Treat Patients with Early-Onset Forms of Metachromatic Leukodystrophy: Preclinical Feasibility and Safety Assessments in Nonhuman Primates. Human Gene Therapy Clinical Development, 2015, 26, 113-124.	3.1	68
106	Risk of COPD with obstruction in active smokers with normal spirometry and reduced diffusion capacity. European Respiratory Journal, 2015, 46, 1589-1597.	6.7	93
107	<scp>SOS</scp> 1 and <scp>R</scp> as regulate epithelial tight junction formation in the human airway through <scp>EMP</scp> 1. EMBO Reports, 2015, 16, 87-96.	4.5	26
108	Fate of Systemically Administered Cocaine in Nonhuman Primates Treated with the dAd5GNE Anticocaine Vaccine. Human Gene Therapy Clinical Development, 2014, 25, 40-49.	3.1	51

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109	Airway Basal Stem/Progenitor Cells Have Diminished Capacity to Regenerate Airway Epithelium in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 955-958.	5.6	94
110	FOXJ1 Prevents Cilia Growth Inhibition by Cigarette Smoke in Human Airway Epithelium In Vitro. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 688-700.	2.9	69
111	Basal cell origins of smoking-induced airway epithelial disorders. Cell Cycle, 2014, 13, 341-342.	2.6	21
112	Exome Sequencing Identifies Potential Risk Variants for Mendelian Disorders at High Prevalence in Qatar. Human Mutation, 2014, 35, 105-116.	2.5	43
113	Prevalence of the Apolipoprotein E Arg145Cys Dyslipidemia At-Risk Polymorphism in African-Derived Populations. American Journal of Cardiology, 2014, 113, 302-308.	1.6	13
114	Adenovirus: The First EffectiveIn VivoGene Delivery Vector. Human Gene Therapy, 2014, 25, 3-11.	2.7	265
115	Prevention and reversal of severe mitochondrial cardiomyopathy by gene therapy in a mouse model of Friedreich's ataxia. Nature Medicine, 2014, 20, 542-547.	30.7	184
116	Airway Basal Cells. The â€œSmoking Gunâ€•of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1355-1362.	5.6	101
117	Intra-arterial delivery of AAV vectors to the mouse brain after mannitol mediated blood brain barrier disruption. Journal of Controlled Release, 2014, 196, 71-78.	9.9	70
118	AAV-mediated persistent bevacizumab therapy suppresses tumor growth of ovarian cancer. Gynecologic Oncology, 2014, 135, 325-332.	1.4	28
119	â€œTripletâ€•polycistronic vectors encoding Gata4, Mef2c, and Tbx5 enhances postinfarct ventricular functional improvement compared with singlet vectors. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 1656-1664.e2.	0.8	48
120	Cannulation of the internal carotid artery in mice: A novel technique for intra-arterial delivery of therapeutics. Journal of Neuroscience Methods, 2014, 222, 106-110.	2.5	11
121	Intraflagellar Transport Gene Expression Associated with Short Cilia in Smoking and COPD. PLoS ONE, 2014, 9, e85453.	2.5	69
122	Smoking Dysregulates the Human Airway Basal Cell Transcriptome at COPD Risk Locus 19q13.2. PLoS ONE, 2014, 9, e88051.	2.5	65
123	Lumbar Spine Intervertebral Disc Gene Delivery: A Pilot Study in Lewis Rats. HSS Journal, 2013, 9, 36-41.	1.7	5
124	Advances in the treatment of neuronal ceroid lipofuscinosis. Expert Opinion on Orphan Drugs, 2013, 1, 951-975.	0.8	6
125	Cigarette smoking induces small airway epithelial epigenetic changes with corresponding modulation of gene expression. Human Molecular Genetics, 2013, 22, 4726-4738.	2.9	96
126	Generation of a human airway epithelium derived basal cell line with multipotent differentiation capacity. Respiratory Research, 2013, 14, 135.	3.6	115

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127	Disrupted Adenovirus-Based Vaccines Against Small Addictive Molecules Circumvent Anti-Adenovirus Immunity. Human Gene Therapy, 2013, 24, 58-66.	2.7	27
128	Suppression of Nicotine-Induced Pathophysiology by an Adenovirus Hexon-Based Antinicotine Vaccine. Human Gene Therapy, 2013, 24, 595-603.	2.7	21
129	Airway basal cells of healthy smokers express an embryonic stem cell signature relevant to lung cancer. Stem Cells, 2013, 31, 1992-2002.	3.2	26
130	EGF shifts human airway basal cell fate toward a smoking-associated airway epithelial phenotype. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 12102-12107.	7.1	82
131	Adenovirus Capsid-Based Anti-Cocaine Vaccine Prevents Cocaine from Binding to the Nonhuman Primate CNS Dopamine Transporter. Neuropsychopharmacology, 2013, 38, 2170-2178.	5.4	52
132	Spectrum of Ocular Manifestations inÂCLN2-Associated Batten (Jansky-Bielschowsky)ÂDisease Correlate with Advancing Age and Deteriorating Neurological Function. PLoS ONE, 2013, 8, e73128.	2.5	36
133	Novel Cocaine Vaccine Linked to a Disrupted Adenovirus Gene Transfer Vector Blocks Cocaine Psychostimulant and Reinforcing Effects. Neuropsychopharmacology, 2012, 37, 1083-1091.	5.4	68
134	Double-Blinded, Placebo-Controlled, Randomized Gene Therapy Using Surgery for Vector Delivery. Human Gene Therapy, 2012, 23, 438-441.	2.7	11
135	Long-Term Expression and Safety of Administration of AAVrh.10hCLN2 to the Brain of Rats and Nonhuman Primates for the Treatment of Late Infantile Neuronal Ceroid Lipofuscinosis. Human Gene Therapy Methods, 2012, 23, 324-335.	2.1	84
136	Genes associated with MUC5AC expression in small airway epithelium of human smokers and non-smokers. BMC Medical Genomics, 2012, 5, 21.	1.5	49
137	Exome Sequencing of Only Seven Qataris Identifies Potentially Deleterious Variants in the Qatari Population. PLoS ONE, 2012, 7, e47614.	2.5	16
138	RNA-Seq quantification of the human small airway epithelium transcriptome. BMC Genomics, 2012, 13, 82.	2.8	107
139	Cardiac Biointerventions Whatever Happened to Stem Cell and Gene Therapy?. Innovations: Technology and Techniques in Cardiothoracic and Vascular Surgery, 2012, 7, 173-179.	0.9	0
140	The Human Airway Epithelial Basal Cell Transcriptome. PLoS ONE, 2011, 6, e18378.	2.5	177
141	Biologic Phenotyping of the Human Small Airway Epithelial Response to Cigarette Smoking. PLoS ONE, 2011, 6, e22798.	2.5	74
142	Circulating Endothelial Microparticles as a Measure of Early Lung Destruction in Cigarette Smokers. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 224-232.	5.6	201
143	Cocaine Analog Coupled to Disrupted Adenovirus: A Vaccine Strategy to Evoke High-titer Immunity Against Addictive Drugs. Molecular Therapy, 2011, 19, 612-619.	8.2	61
144	Population Genetic Structure of the People of Qatar. American Journal of Human Genetics, 2010, 87, 17-25.	6.2	110

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145	Gene therapy for late infantile neuronal ceroid lipofuscinosis: neurosurgical considerations. Journal of Neurosurgery: Pediatrics, 2010, 6, 115-122.	1.3	60
146	Coordinate Control of Expression of Nrf2-Modulated Genes in the Human Small Airway Epithelium Is Highly Responsive to Cigarette Smoking. Molecular Medicine, 2009, 15, 203-219.	4.4	80
147	Smoking-Dependent Reprogramming of Alveolar Macrophage Polarization: Implication for Pathogenesis of Chronic Obstructive Pulmonary Disease. Journal of Immunology, 2009, 183, 2867-2883.	0.8	351
148	Cigarette Smoking Induces Overexpression of a Fat-Depleting Gene AZGP1 in the Human. Chest, 2009, 135, 1197-1208.	0.8	41
149	The effect of systemic antioxidant supplementation on lung compartment antioxidants and systemic and lungâ€specific F2â€isoprostane concentrations. FASEB Journal, 2009, 23, LB484.	0.5	0
150	Survival advantage of neonatal CNS gene transfer for late infantile neuronal ceroid lipofuscinosis. Experimental Neurology, 2008, 213, 18-27.	4.1	59
151	Treatment of Late Infantile Neuronal Ceroid Lipofuscinosis by CNS Administration of a Serotype 2 Adeno-Associated Virus Expressing CLN2 cDNA. Human Gene Therapy, 2008, 19, 463-474.	2.7	366
152	Airway Epithelial Cells: Current Concepts and Challenges. Proceedings of the American Thoracic Society, 2008, 5, 772-777.	3.5	275
153	Variability in Small Airway Epithelial Gene Expression Among Normal Smokers. Chest, 2008, 133, 1344-1353.	0.8	55
154	Enhanced Survival of the LINCL Mouse Following CLN2 Gene Transfer Using the rh.10 Rhesus Macaque-derived Adeno-associated Virus Vector. Molecular Therapy, 2007, 15, 481-491.	8.2	153
155	Modification of gene expression of the small airway epithelium in response to cigarette smoking. Journal of Molecular Medicine, 2006, 85, 39-53.	3.9	170
156	High Levels of Persistent Expression of Î±1-Antitrypsin Mediated by the Nonhuman Primate Serotype rh.10 Adeno-associated Virus Despite Preexisting Immunity to Common Human Adeno-associated Viruses. Molecular Therapy, 2006, 13, 67-76.	8.2	121
157	Administration of a Replication-Deficient Adeno-Associated Virus Gene Transfer Vector Expressing the HumanCLN2cDNA to the Brain of Children with Late Infantile Neuronal Ceroid Lipofuscinosis. Human Gene Therapy, 2004, 15, 1131-1154.	2.7	118
158	Tie-2 Activation Is Required for Regeneration of Marrow Vasculature, Supporting Hematopoietic Reconstitution.. Blood, 2004, 104, 1297-1297.	1.4	0
159	Adenovirus Vector E4 Gene Promotes Angiogenesis through Modulation of Junctional Connexin 40 and 43 Expression.. Blood, 2004, 104, 5277-5277.	1.4	0
160	Correction of a Murine Model of Von Willebrand Disease by Gene Transfer.. Blood, 2004, 104, 3180-3180.	1.4	0
161	Future Research Directions in Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 236-246.	5.6	170
162	Safety of Local Delivery of Low- and Intermediate-Dose Adenovirus Gene Transfer Vectors to Individuals with a Spectrum of Morbid Conditions. Human Gene Therapy, 2002, 13, 15-63.	2.7	136

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163	Analysis of Risk Factors for Local Delivery of Low- and Intermediate-Dose Adenovirus Gene Transfer Vectors to Individuals with a Spectrum of Comorbid Conditions. Human Gene Therapy, 2002, 13, 65-100.	2.7	81
164	Apoptosis Induced by Pseudomonas aeruginosa in Antigen Presenting Cells Is Diminished by Genetic Modification with CD40 Ligand. Pediatric Research, 2002, 52, 636-644.	2.3	2
165	Upregulation of transcription factors in lung in the early phase of postpneumonectomy lung growth. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2001, 281, L1138-L1149.	2.9	41
166	Percutaneous endocardial transfer and expression of genes to the myocardium utilizing fluoroscopic guidance. Catheterization and Cardiovascular Interventions, 2001, 52, 260-266.	1.7	29
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