

# Ronald Crystal

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

170 papers	9,855 citations	51 h-index	97 g-index
179 ext. papers	11,494 ext. citations	7.9 avg, IF	5.94 L-index

#	Paper	IF	Citations
170	Impaired recruitment of bone-marrow-derived endothelial and hematopoietic precursor cells blocks tumor angiogenesis and growth. <i>Nature Medicine</i> , <b>2001</b> , 7, 1194-201	50.5	1633
169	In vivo transfer of the human cystic fibrosis transmembrane conductance regulator gene to the airway epithelium. <i>Cell</i> , <b>1992</b> , 68, 143-55	56.2	893
168	Interstitial lung diseases of unknown cause. Disorders characterized by chronic inflammation of the lower respiratory tract (first of two parts). <i>New England Journal of Medicine</i> , <b>1984</b> , 310, 154-66	59.2	591
167	Treatment of late infantile neuronal ceroid lipofuscinosis by CNS administration of a serotype 2 adeno-associated virus expressing CLN2 cDNA. <i>Human Gene Therapy</i> , <b>2008</b> , 19, 463-74	4.8	314
166	Smoking-dependent reprogramming of alveolar macrophage polarization: implication for pathogenesis of chronic obstructive pulmonary disease. <i>Journal of Immunology</i> , <b>2009</b> , 183, 2867-83	5.3	286
165	Airway epithelial cells: current concepts and challenges. <i>Proceedings of the American Thoracic Society</i> , <b>2008</b> , 5, 772-7		209
164	Adenovirus: the first effective in vivo gene delivery vector. <i>Human Gene Therapy</i> , <b>2014</b> , 25, 3-11	4.8	193
163	Circulating endothelial microparticles as a measure of early lung destruction in cigarette smokers. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2011</b> , 184, 224-32	10.2	161
162	Modification of gene expression of the small airway epithelium in response to cigarette smoking. <i>Journal of Molecular Medicine</i> , <b>2007</b> , 85, 39-53	5.5	151
161	Sarcoidosis in America. Analysis Based on Health Care Use. <i>Annals of the American Thoracic Society</i> , <b>2016</b> , 13, 1244-52	4.7	147
160	The human airway epithelial basal cell transcriptome. <i>PLoS ONE</i> , <b>2011</b> , 6, e18378	3.7	142
159	Prevention and reversal of severe mitochondrial cardiomyopathy by gene therapy in a mouse model of Friedreich's ataxia. <i>Nature Medicine</i> , <b>2014</b> , 20, 542-7	50.5	141
158	Future research directions in idiopathic pulmonary fibrosis: summary of a National Heart, Lung, and Blood Institute working group. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2002</b> , 166, 236-46	10.2	140
157	Enhanced survival of the LINCL mouse following CLN2 gene transfer using the rh.10 rhesus macaque-derived adeno-associated virus vector. <i>Molecular Therapy</i> , <b>2007</b> , 15, 481-91	11.7	134
156	The gene as the drug. <i>Nature Medicine</i> , <b>1995</b> , 1, 15-7	50.5	130
155	Small airways in idiopathic pulmonary fibrosis. Comparison of morphologic and physiologic observations. <i>Journal of Clinical Investigation</i> , <b>1977</b> , 60, 595-610	15.9	129
154	Expression of the SARS-CoV-2 Receptor in the Human Airway Epithelium. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2020</b> , 202, 219-229	10.2	127

153	Safety of local delivery of low- and intermediate-dose adenovirus gene transfer vectors to individuals with a spectrum of morbid conditions. <i>Human Gene Therapy</i> , <b>2002</b> , 13, 15-63	4.8	123
152	Adenovirus-mediated gene transfer of VEGF(121) improves lower-extremity endothelial function and flow reserve. <i>Circulation</i> , <b>2001</b> , 104, 753-5	16.7	110
151	Clinical protocol. Administration of a replication-deficient adeno-associated virus gene transfer vector expressing the human CLN2 cDNA to the brain of children with late infantile neuronal ceroid lipofuscinosis. <i>Human Gene Therapy</i> , <b>2004</b> , 15, 1131-54	4.8	107
150	Intracerebral gene therapy in children with mucopolysaccharidosis type IIIB syndrome: an uncontrolled phase 1/2 clinical trial. <i>Lancet Neurology</i> , <b>2017</b> , 16, 712-720	24.1	103
149	High levels of persistent expression of alpha1-antitrypsin mediated by the nonhuman primate serotype rh.10 adeno-associated virus despite preexisting immunity to common human adeno-associated viruses. <i>Molecular Therapy</i> , <b>2006</b> , 13, 67-76	11.7	103
148	At the Root: Defining and Halting Progression of Early Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 197, 1540-1551	10.2	94
147	RNA-Seq quantification of the human small airway epithelium transcriptome. <i>BMC Genomics</i> , <b>2012</b> , 13, 82	4.5	93
146	Population genetic structure of the people of Qatar. <i>American Journal of Human Genetics</i> , <b>2010</b> , 87, 17-25	5.1	86
145	Dendritic cells genetically modified to express CD40 ligand and pulsed with antigen can initiate antigen-specific humoral immunity independent of CD4+ T cells. <i>Nature Medicine</i> , <b>2000</b> , 6, 1154-9	50.5	79
144	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. <i>Human Gene Therapy Methods</i> , <b>2012</b> , 23, 324-35	4.9	78
143	Cigarette smoking induces small airway epithelial epigenetic changes with corresponding modulation of gene expression. <i>Human Molecular Genetics</i> , <b>2013</b> , 22, 4726-38	5.6	77
142	Analysis of risk factors for local delivery of low- and intermediate-dose adenovirus gene transfer vectors to individuals with a spectrum of comorbid conditions. <i>Human Gene Therapy</i> , <b>2002</b> , 13, 65-100	4.8	74
141	Generation of a human airway epithelium derived basal cell line with multipotent differentiation capacity. <i>Respiratory Research</i> , <b>2013</b> , 14, 135	7.3	73
140	EGF shifts human airway basal cell fate toward a smoking-associated airway epithelial phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 12102-7	11.5	71
139	Coordinate control of expression of Nrf2-modulated genes in the human small airway epithelium is highly responsive to cigarette smoking. <i>Molecular Medicine</i> , <b>2009</b> , 15, 203-19	6.2	70
138	Risk of COPD with obstruction in active smokers with normal spirometry and reduced diffusion capacity. <i>European Respiratory Journal</i> , <b>2015</b> , 46, 1589-1597	13.6	69
137	Airway Basal stem/progenitor cells have diminished capacity to regenerate airway epithelium in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 190, 955-8	10.2	67
136	Airway basal cells. The "smoking gun" of chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 190, 1355-62	10.2	64

135	The Qatar genome: a population-specific tool for precision medicine in the Middle East. <i>Human Genome Variation</i> , <b>2016</b> , 3, 16016	1.8	62
134	Cells, collagen and idiopathic pulmonary fibrosis. <i>Lung</i> , <b>1978</b> , 155, 199-224	2.9	62
133	Altered lung biology of healthy never smokers following acute inhalation of E-cigarettes. <i>Respiratory Research</i> , <b>2018</b> , 19, 78	7.3	61
132	Indigenous Arabs are descendants of the earliest split from ancient Eurasian populations. <i>Genome Research</i> , <b>2016</b> , 26, 151-62	9.7	60
131	Point-of-care whole-exome sequencing of idiopathic male infertility. <i>Genetics in Medicine</i> , <b>2018</b> , 20, 1365-1373	13.73	58
130	Enhanced matrix synthesis and in vitro formation of cartilage-like tissue by genetically modified chondrocytes expressing BMP-7. <i>Journal of Orthopaedic Research</i> , <b>2001</b> , 19, 751-8	3.8	58
129	Disease characteristics and progression in patients with late-infantile neuronal ceroid lipofuscinosis type 2 (CLN2) disease: an observational cohort study. <i>The Lancet Child and Adolescent Health</i> , <b>2018</b> , 2, 582-590	14.5	57
128	Survival advantage of neonatal CNS gene transfer for late infantile neuronal ceroid lipofuscinosis. <i>Experimental Neurology</i> , <b>2008</b> , 213, 18-27	5.7	56
127	Biologic phenotyping of the human small airway epithelial response to cigarette smoking. <i>PLoS ONE</i> , <b>2011</b> , 6, e22798	3.7	55
126	Smoking dysregulates the human airway basal cell transcriptome at COPD risk locus 19q13.2. <i>PLoS ONE</i> , <b>2014</b> , 9, e88051	3.7	55
125	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. <i>Human Gene Therapy Clinical Development</i> , <b>2015</b> , 26, 113-24	3.2	54
124	Intra-arterial delivery of AAV vectors to the mouse brain after mannitol mediated blood brain barrier disruption. <i>Journal of Controlled Release</i> , <b>2014</b> , 196, 71-78	11.7	54
123	Novel cocaine vaccine linked to a disrupted adenovirus gene transfer vector blocks cocaine psychostimulant and reinforcing effects. <i>Neuropsychopharmacology</i> , <b>2012</b> , 37, 1083-91	8.7	53
122	AAVrh.10-Mediated APOE2 Central Nervous System Gene Therapy for APOE4-Associated Alzheimer's Disease. <i>Human Gene Therapy Clinical Development</i> , <b>2018</b> , 29, 24-47	3.2	52
121	Gene therapy for late infantile neuronal ceroid lipofuscinosis: neurosurgical considerations. <i>Journal of Neurosurgery: Pediatrics</i> , <b>2010</b> , 6, 115-22	2.1	51
120	Intraflagellar transport gene expression associated with short cilia in smoking and COPD. <i>PLoS ONE</i> , <b>2014</b> , 9, e85453	3.7	51
119	FOXJ1 prevents cilia growth inhibition by cigarette smoke in human airway epithelium in vitro. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2014</b> , 51, 688-700	5.7	50
118	Cocaine analog coupled to disrupted adenovirus: a vaccine strategy to evoke high-titer immunity against addictive drugs. <i>Molecular Therapy</i> , <b>2011</b> , 19, 612-9	11.7	50

117	Ontogeny and Biology of Human Small Airway Epithelial Club Cells. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2018</b> , 198, 1375-1388	10.2	49
116	Persistence of smoking-induced dysregulation of miRNA expression in the small airway epithelium despite smoking cessation. <i>PLoS ONE</i> , <b>2015</b> , 10, e0120824	3.7	48
115	Use of L-plastin promoter to develop an adenoviral system that confers transgene expression in ovarian cancer cells but not in normal mesothelial cells. <i>Cancer Gene Therapy</i> , <b>1999</b> , 6, 99-106	5.4	48
114	Smoking-Dependent Distal-to-Proximal Repatterning of the Adult Human Small Airway Epithelium. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2017</b> , 196, 340-352	10.2	47
113	Variability in small airway epithelial gene expression among normal smokers. <i>Chest</i> , <b>2008</b> , 133, 1344-1353	3.3	44
112	Genes associated with MUC5AC expression in small airway epithelium of human smokers and non-smokers. <i>BMC Medical Genomics</i> , <b>2012</b> , 5, 21	3.7	43
111	Vectored Intracerebral Immunization with the Anti-Tau Monoclonal Antibody PHF1 Markedly Reduces Tau Pathology in Mutant Tau Transgenic Mice. <i>Journal of Neuroscience</i> , <b>2016</b> , 36, 12425-12435	6.6	41
110	Activation of NOTCH1 or NOTCH3 signaling skews human airway basal cell differentiation toward a secretory pathway. <i>PLoS ONE</i> , <b>2015</b> , 10, e0116507	3.7	40
109	Gene therapy for metachromatic leukodystrophy. <i>Journal of Neuroscience Research</i> , <b>2016</b> , 94, 1169-79	4.4	39
108	Intracerebral adeno-associated virus gene delivery of apolipoprotein E2 markedly reduces brain amyloid pathology in Alzheimer's disease mouse models. <i>Neurobiology of Aging</i> , <b>2016</b> , 44, 159-172	5.6	39
107	"Triplet" polycistronic vectors encoding Gata4, Mef2c, and Tbx5 enhances postinfarct ventricular functional improvement compared with singlet vectors. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 148, 1656-1664.e2	1.5	39
106	Adenovirus capsid-based anti-cocaine vaccine prevents cocaine from binding to the nonhuman primate CNS dopamine transporter. <i>Neuropsychopharmacology</i> , <b>2013</b> , 38, 2170-8	8.7	38
105	Exome sequencing identifies potential risk variants for Mendelian disorders at high prevalence in Qatar. <i>Human Mutation</i> , <b>2014</b> , 35, 105-16	4.7	37
104	EGF-Amphiregulin Interplay in Airway Stem/Progenitor Cells Links the Pathogenesis of Smoking-Induced Lesions in the Human Airway Epithelium. <i>Stem Cells</i> , <b>2017</b> , 35, 824-837	5.8	34
103	Upregulation of transcription factors in lung in the early phase of postpneumonectomy lung growth. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2001</b> , 281, L1138-49	5.8	34
102	Whole-exome sequencing identifies common and rare variant metabolic QTLs in a Middle Eastern population. <i>Nature Communications</i> , <b>2018</b> , 9, 333	17.4	33
101	Cigarette smoking induces overexpression of a fat-depleting gene AZGP1 in the human. <i>Chest</i> , <b>2009</b> , 135, 1197-1208	5.3	32
100	Gene Therapy for Alpha-1 Antitrypsin Deficiency Lung Disease. <i>Annals of the American Thoracic Society</i> , <b>2016</b> , 13 Suppl 4, S352-69	4.7	32

99	Serum Metabolite Biomarkers Discriminate Healthy Smokers from COPD Smokers. <i>PLoS ONE</i> , <b>2015</b> , 10, e0143937	3.7	30
98	Evaluation of compounded bevacizumab prepared for intravitreal injection. <i>JAMA Ophthalmology</i> , <b>2015</b> , 133, 32-9	3.9	30
97	Role of OSGIN1 in mediating smoking-induced autophagy in the human airway epithelium. <i>Autophagy</i> , <b>2017</b> , 13, 1205-1220	10.2	28
96	Genetic Modification of the Lung Directed Toward Treatment of Human Disease. <i>Human Gene Therapy</i> , <b>2017</b> , 28, 3-84	4.8	28
95	In situ reprogramming to transdifferentiate fibroblasts into cardiomyocytes using adenoviral vectors: Implications for clinical myocardial regeneration. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2017</b> , 153, 329-339.e3	1.5	28
94	Persistence of circulating endothelial microparticles in COPD despite smoking cessation. <i>Thorax</i> , <b>2016</b> , 71, 1137-1144	7.3	28
93	Spectrum of ocular manifestations in CLN2-associated batten (Jansky-Bielschowsky) disease correlate with advancing age and deteriorating neurological function. <i>PLoS ONE</i> , <b>2013</b> , 8, e73128	3.7	27
92	Percutaneous endocardial transfer and expression of genes to the myocardium utilizing fluoroscopic guidance. <i>Catheterization and Cardiovascular Interventions</i> , <b>2001</b> , 52, 260-6	2.7	26
91	Anti-IgE gene therapy of peanut-induced anaphylaxis in a humanized murine model of peanut allergy. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 138, 1652-1662.e7	11.5	26
90	POU2AF1 Functions in the Human Airway Epithelium To Regulate Expression of Host Defense Genes. <i>Journal of Immunology</i> , <b>2016</b> , 196, 3159-67	5.3	26
89	Fate of systemically administered cocaine in nonhuman primates treated with the dAd5GNE anticocaine vaccine. <i>Human Gene Therapy Clinical Development</i> , <b>2014</b> , 25, 40-9	3.2	25
88	Smoking-Associated Disordering of the Airway Basal Stem/Progenitor Cell Metabotype. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2016</b> , 54, 231-40	5.7	24
87	A systematic review on the genetics of male infertility in the era of next-generation sequencing. <i>Arab Journal of Urology Arab Association of Urology</i> , <b>2018</b> , 16, 53-64	1.7	24
86	Disrupted adenovirus-based vaccines against small addictive molecules circumvent anti-adenovirus immunity. <i>Human Gene Therapy</i> , <b>2013</b> , 24, 58-66	4.8	24
85	Corneal confocal microscopy: Neurologic disease biomarker in Friedreich ataxia. <i>Annals of Neurology</i> , <b>2018</b> , 84, 893-904	9.4	24
84	Waterpipe smoking induces epigenetic changes in the small airway epithelium. <i>PLoS ONE</i> , <b>2017</b> , 12, e0173112	5.1	23
83	Gene therapy for C1 esterase inhibitor deficiency in a Murine Model of Hereditary angioedema. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 74, 1081-1089	9.3	22
82	AAV-mediated persistent bevacizumab therapy suppresses tumor growth of ovarian cancer. <i>Gynecologic Oncology</i> , <b>2014</b> , 135, 325-32	4.9	22

81	Efficacy of an adenovirus-based anti-cocaine vaccine to reduce cocaine self-administration and reacquisition using a choice procedure in rhesus macaques. <i>Pharmacology Biochemistry and Behavior</i> , <b>2016</b> , 150-151, 76-86	3.9	22
80	Intermittent exposure to whole cigarette smoke alters the differentiation of primary small airway epithelial cells in the air-liquid interface culture. <i>Scientific Reports</i> , <b>2020</b> , 10, 6257	4.9	21
79	Characterization of an immortalized human small airway basal stem/progenitor cell line with airway region-specific differentiation capacity. <i>Respiratory Research</i> , <b>2019</b> , 20, 196	7.3	19
78	Airway basal cells of healthy smokers express an embryonic stem cell signature relevant to lung cancer. <i>Stem Cells</i> , <b>2013</b> , 31, 1992-2002	5.8	19
77	Suppression of nicotine-induced pathophysiology by an adenovirus hexon-based antinicotine vaccine. <i>Human Gene Therapy</i> , <b>2013</b> , 24, 595-603	4.8	18
76	Anti-Epidermal Growth Factor Receptor Gene Therapy for Glioblastoma. <i>PLoS ONE</i> , <b>2016</b> , 11, e0162978	3.7	18
75	Brain Region-Specific Degeneration with Disease Progression in Late Infantile Neuronal Ceroid Lipofuscinosis (CLN2 Disease). <i>American Journal of Neuroradiology</i> , <b>2016</b> , 37, 1160-9	4.4	17
74	Type 2 Diabetes Risk Allele Loci in the Qatari Population. <i>PLoS ONE</i> , <b>2016</b> , 11, e0156834	3.7	17
73	Exaggerated BMP4 signalling alters human airway basal progenitor cell differentiation to cigarette smoking-related phenotypes. <i>European Respiratory Journal</i> , <b>2019</b> , 53,	13.6	16
72	SOS1 and Ras regulate epithelial tight junction formation in the human airway through EMP1. <i>EMBO Reports</i> , <b>2015</b> , 16, 87-96	6.5	16
71	Biology of the Adrenal Gland Cortex Obviates Effective Use of Adeno-Associated Virus Vectors to Treat Hereditary Adrenal Disorders. <i>Human Gene Therapy</i> , <b>2018</b> , 29, 403-412	4.8	16
70	Exome sequencing of only seven Qataris identifies potentially deleterious variants in the Qatari population. <i>PLoS ONE</i> , <b>2012</b> , 7, e47614	3.7	15
69	Slowing late infantile Batten disease by direct brain parenchymal administration of a rh.10 adeno-associated virus expressing. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	15
68	JAG1-Mediated Notch Signaling Regulates Secretory Cell Differentiation of the Human Airway Epithelium. <i>Stem Cell Reviews and Reports</i> , <b>2016</b> , 12, 454-63	6.4	15
67	Two hits in one: whole genome sequencing unveils LIG4 syndrome and urofacial syndrome in a case report of a child with complex phenotype. <i>BMC Medical Genetics</i> , <b>2016</b> , 17, 84	2.1	13
66	Dysregulation of club cell biology in idiopathic pulmonary fibrosis. <i>PLoS ONE</i> , <b>2020</b> , 15, e0237529	3.7	13
65	Intrapleural Gene Therapy for Alpha-1 Antitrypsin Deficiency-Related Lung Disease. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , <b>2018</b> , 5, 244-257	2.7	12
64	Cell-specific expression of lung disease risk-related genes in the human small airway epithelium. <i>Respiratory Research</i> , <b>2020</b> , 21, 200	7.3	12



63	Untargeted Metabolite Profiling of Cerebrospinal Fluid Uncovers Biomarkers for Severity of Late Infantile Neuronal Ceroid Lipofuscinosis (CLN2, Batten Disease). <i>Scientific Reports</i> , <b>2018</b> , 8, 15229	4.9	12
62	HIV Reprograms Human Airway Basal Stem/Progenitor Cells to Acquire a Tissue-Destructive Phenotype. <i>Cell Reports</i> , <b>2017</b> , 19, 1091-1100	10.6	11
61	In Vivo Potency Assay for Adeno-Associated Virus-Based Gene Therapy Vectors Using AAVrh.10 as an Example. <i>Human Gene Therapy Methods</i> , <b>2018</b> , 29, 146-155	4.9	11
60	Double-blinded, placebo-controlled, randomized gene therapy using surgery for vector delivery. <i>Human Gene Therapy</i> , <b>2012</b> , 23, 438-41	4.8	11
59	Gene Therapy Correction of Aldehyde Dehydrogenase 2 Deficiency. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2019</b> , 15, 72-82	6.4	10
58	Role of SLMAP genetic variants in susceptibility of diabetes and diabetic retinopathy in Qatari population. <i>Journal of Translational Medicine</i> , <b>2015</b> , 13, 61	8.5	10
57	Endothelial MMP14 is required for endothelial-dependent growth support of human airway basal cells. <i>Journal of Cell Science</i> , <b>2015</b> , 128, 2983-8	5.3	10
56	Attenuation of the Niemann-Pick type C2 disease phenotype by intracisternal administration of an AAVrh.10 vector expressing Npc2. <i>Experimental Neurology</i> , <b>2018</b> , 306, 22-33	5.7	10
55	Cannulation of the internal carotid artery in mice: a novel technique for intra-arterial delivery of therapeutics. <i>Journal of Neuroscience Methods</i> , <b>2014</b> , 222, 106-10	3	10
54	Increased airway iron parameters and risk for exacerbation in COPD: an analysis from SPIROMICS. <i>Scientific Reports</i> , <b>2020</b> , 10, 10562	4.9	10
53	Prevalence of the apolipoprotein E Arg145Cys dyslipidemia at-risk polymorphism in African-derived populations. <i>American Journal of Cardiology</i> , <b>2014</b> , 113, 302-8	3	9
52	Endothelial Cell Mediated Promotion of Ciliated Cell Differentiation of Human Airway Basal Cells via Insulin and Insulin-Like Growth Factor 1 Receptor Mediated Signaling. <i>Stem Cell Reviews and Reports</i> , <b>2017</b> , 13, 309-317	6.4	8
51	The Role of Interleukin-23 in the Early Development of Emphysema in HIV1(+) Smokers. <i>Journal of Immunology Research</i> , <b>2016</b> , 2016, 3463104	4.5	8
50	Advances in the Treatment of Neuronal Ceroid Lipofuscinosis. <i>Expert Opinion on Orphan Drugs</i> , <b>2019</b> , 7, 473-500	1.1	7
49	Augmentation treatment for $\alpha$ 1 antitrypsin deficiency. <i>Lancet, The</i> , <b>2015</b> , 386, 318-20	4.0	7
48	p63 Silencing induces reprogramming of cardiac fibroblasts into cardiomyocyte-like cells. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2018</b> , 156, 556-565.e1	1.5	7
47	Symmetric Age Association of Retinal Degeneration in Patients with CLN2-Associated Batten Disease. <i>Ophthalmology Retina</i> , <b>2020</b> , 4, 728-736	3.8	6
46	An independent component analysis confounding factor correction framework for identifying broad impact expression quantitative trait loci. <i>PLoS Computational Biology</i> , <b>2017</b> , 13, e1005537	5	6



45	Cigarette Smoking Induces Changes in Airway Epithelial Expression of Genes Associated with Monogenic Lung Disorders. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2016</b> , 193, 215-7	10.2	6
44	Advances in the treatment of neuronal ceroid lipofuscinosis. <i>Expert Opinion on Orphan Drugs</i> , <b>2013</b> , 1, 951-975	1.1	6
43	Mandatory role of HMGA1 in human airway epithelial normal differentiation and post-injury regeneration. <i>Oncotarget</i> , <b>2018</b> , 9, 14324-14337	3.3	6
42	Cocaine vaccine dAd5GNE protects against moderate daily and high-dose "binge" cocaine use. <i>PLoS ONE</i> , <b>2020</b> , 15, e0239780	3.7	6
41	Association of vitamin D and its metabolites in patients with and without type 2 diabetes and their relationship to diabetes complications. <i>Therapeutic Advances in Chronic Disease</i> , <b>2020</b> , 11, 2040622320924159	4.9	6
40	Association of vitamin D and D with type 2 diabetes complications. <i>BMC Endocrine Disorders</i> , <b>2020</b> , 20, 65	3.3	5
39	Anti-Phospho-Tau Gene Therapy for Chronic Traumatic Encephalopathy. <i>Human Gene Therapy</i> , <b>2020</b> , 31, 57-69	4.8	5
38	Stress-Induced Mouse Model of the Cardiac Manifestations of Friedreich's Ataxia Corrected by AAV-mediated Gene Therapy. <i>Human Gene Therapy</i> , <b>2020</b> , 31, 819-827	4.8	5
37	Safety of Direct Intraparenchymal AAVrh.10-Mediated Central Nervous System Gene Therapy for Metachromatic Leukodystrophy. <i>Human Gene Therapy</i> , <b>2021</b> , 32, 563-580	4.8	5
36	Up-regulation of ACE2, the SARS-CoV-2 receptor, in asthmatics on maintenance inhaled corticosteroids. <i>Respiratory Research</i> , <b>2021</b> , 22, 200	7.3	5
35	HIV induces airway basal progenitor cells to adopt an inflammatory phenotype. <i>Scientific Reports</i> , <b>2021</b> , 11, 3988	4.9	5
34	Single-Cell Transcriptome Analysis of Mouse Liver Cell-Specific Tropism and Transcriptional Dysregulation Following Intravenous Administration of AAVrh.10 Vectors. <i>Human Gene Therapy</i> , <b>2020</b> , 31, 590-604	4.8	4
33	Progression to COPD in smokers with normal spirometry/low DLCO using different methods to determine normal levels. <i>European Respiratory Journal</i> , <b>2016</b> , 47, 1888-9	13.6	4
32	Refining Current Scientific Priorities and Identifying New Scientific Gaps in HIV-Related Heart, Lung, Blood, and Sleep Research. <i>AIDS Research and Human Retroviruses</i> , <b>2017</b> , 33, 889-897	1.6	4
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