

# Daniel J Hui

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

3,603  
citations

361413

20  
h-index

454955

30  
g-index

35  
all docs

35  
docs citations

35  
times ranked

3379  
citing authors

#	ARTICLE	IF	CITATIONS
1	CD8+ T-cell responses to adeno-associated virus capsid in humans. <i>Nature Medicine</i> , 2007, 13, 419-422.	30.7	629
2	Hemophilia B Gene Therapy with a High-Specific-Activity Factor IX Variant. <i>New England Journal of Medicine</i> , 2017, 377, 2215-2227.	27.0	549
3	Overcoming Preexisting Humoral Immunity to AAV Using Capsid Decoys. <i>Science Translational Medicine</i> , 2013, 5, 194ra92.	12.4	267
4	AAV-mediated gene transfer to skeletal muscle in humans results in dose-dependent activation of capsid-specific T cells. <i>Blood</i> , 2009, 114, 2077-2086.	1.4	248
5	Reversal of Blindness in Animal Models of Leber Congenital Amaurosis Using Optimized AAV2-mediated Gene Transfer. <i>Molecular Therapy</i> , 2008, 16, 458-465.	8.2	236
6	Modulation of tolerance to the transgene product in a nonhuman primate model of AAV-mediated gene transfer to liver. <i>Blood</i> , 2007, 110, 2334-2341.	1.4	218
7	Alpha Interferon Induces Distinct Translational Control Programs To Suppress Hepatitis C Virus RNA Replication. <i>Journal of Virology</i> , 2003, 77, 3898-3912.	3.4	211
8	Capsid antigen presentation flags human hepatocytes for destruction after transduction by adeno-associated viral vectors. <i>Journal of Clinical Investigation</i> , 2009, 119, 1688-1695.	8.2	161
9	Distinct Induction Patterns and Functions of Two Closely Related Interferon-inducible Human Genes, ISG54 and ISG56. <i>Journal of Biological Chemistry</i> , 2006, 281, 34064-34071.	3.4	148
10	Viral Stress-inducible Protein p56 Inhibits Translation by Blocking the Interaction of eIF3 with the Ternary Complex eIF2-GTP-Met-tRNAi. <i>Journal of Biological Chemistry</i> , 2003, 278, 39477-39482.	3.4	139
11	Safety and Efficacy of Subretinal Readministration of a Viral Vector in Large Animals to Treat Congenital Blindness. <i>Science Translational Medicine</i> , 2010, 2, 21ra16.	12.4	114
12	Proteasome Inhibitors Decrease AAV2 Capsid derived Peptide Epitope Presentation on MHC Class I Following Transduction. <i>Molecular Therapy</i> , 2010, 18, 135-142.	8.2	96
13	Identification of mouse AAV capsid-specific CD8+ T cell epitopes. <i>Molecular Therapy</i> , 2005, 12, 1023-1033.	8.2	85
14	Diverse IgG subclass responses to adeno-associated virus infection and vector administration. <i>Journal of Medical Virology</i> , 2009, 81, 65-74.	5.0	84
15	Mouse p56 Blocks a Distinct Function of Eukaryotic Initiation Factor 3 in Translation Initiation. <i>Journal of Biological Chemistry</i> , 2005, 280, 3433-3440.	3.4	74
16	Safety of AAV Factor IX Peripheral Transvenular Gene Delivery to Muscle in Hemophilia B Dogs. <i>Molecular Therapy</i> , 2010, 18, 1318-1329.	8.2	66
17	AAV capsid CD8+ T-cell epitopes are highly conserved across AAV serotypes. <i>Molecular Therapy - Methods and Clinical Development</i> , 2015, 2, 15029.	4.1	59
18	Carboxymethylation of the $\beta^2$ Subunit of xENaC Regulates Channel Activity. <i>Journal of Biological Chemistry</i> , 1998, 273, 28746-28751.	3.4	53

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19	Cardiac Gene Transfer of Short Hairpin RNA Directed Against Phospholamban Effectively Knocks Down Gene Expression but Causes Cellular Toxicity in Canines. <i>Human Gene Therapy</i> , 2011, 22, 969-977.	2.7	43
20	Modulation of CD8+ T cell responses to AAV vectors with IgG-derived MHC class II epitopes. <i>Molecular Therapy</i> , 2013, 21, 1727-1737.	8.2	38
21	Enhanced T Cell Function in a Mouse Model of Human Glycosylation. <i>Journal of Immunology</i> , 2013, 191, 228-237.	0.8	20
22	A unified framework identifies new links between plasma lipids and diseases from electronic medical records across large-scale cohorts. <i>Nature Genetics</i> , 2021, 53, 972-981.	21.4	17
23	Importance of Including Non-European Populations in Large Human Genetic Studies to Enhance Precision Medicine. <i>Annual Review of Biomedical Data Science</i> , 2022, 5, 321-339.	6.5	17
24	Immunosuppression Modulates Immune Responses to AAV Capsid in Human Subjects Undergoing Intramuscular Gene Transfer for Lipoprotein Lipase Deficiency. <i>Blood</i> , 2008, 112, 822-822.	1.4	16
25	Suppression of CTL Responses against AAV-Capsid Epitopes by Peptide-Induced Regulatory T Cells.. <i>Blood</i> , 2009, 114, 377-377.	1.4	4
26	A Genome-First Approach to Rare Variants in Dominant Postlingual Hearing Loss Genes in a Large Adult Population. <i>Otolaryngology - Head and Neck Surgery</i> , 2022, 166, 746-752.	1.9	3
27	A Novel Strategy to Circumvent Pre-Existing Humoral Immunity to AAV. <i>Blood</i> , 2012, 120, 2050-2050.	1.4	3
28	AAV-2 Capsid-Specific CD8+ T Cells Limit the Duration of Gene Therapy in Humans and Cross-React with AAV-8 Capsid.. <i>Blood</i> , 2006, 108, 455-455.	1.4	2
29	Intrinsically Hyperactive and Hyperproliferative CD8+ T Cells In Cmah-/- Mice as a Model of Human Gene Transfer Responses.. <i>Blood</i> , 2010, 116, 3773-3773.	1.4	2
30	Peptide-Induced Antigen-Specific CD4+CD25+FoxP3+ T Cells Suppress Cytotoxicity T Cell Responses Directed Against the AAV Capsid.. <i>Blood</i> , 2010, 116, 3769-3769.	1.4	1
31	T Cell Responses to AAV Vector Capsid Limit the Duration of Transgene Expression in Humans after Liver-Directed Gene Therapy.. <i>Blood</i> , 2005, 106, 3055-3055.	1.4	0
32	Characterization of the Immune Response to Canine Factor IX Following AAV-Mediated Intravascular Gene Delivery to Skeletal Muscle in Hemophilia B Dogs.. <i>Blood</i> , 2005, 106, 1297-1297.	1.4	0
33	Conserved Amino Acid Sequences in Parvovirus B19 and Adeno-Associated Virus Stimulate Functionally Cross-Reactive CD8 T Cells.. <i>Blood</i> , 2006, 108, 3269-3269.	1.4	0
34	A Novel Splenocyte Approach for Characterizing T Cell Responses to Adeno-Associated Virus in the Normal Population: Implications on Gene Transfer.. <i>Blood</i> , 2006, 108, 3258-3258.	1.4	0
35	Proteasome Inhibitors Decrease AAV2 Capsid-Derived Peptide Epitope Presentation On MHC Class I Following Transduction.. <i>Blood</i> , 2009, 114, 695-695.	1.4	0