

Regine Heilbronn

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.

24
papers

662
citations

15
h-index

25
g-index

26
ext. papers

819
ext. citations

6.4
avg, IF

3.78
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 24 | OneBac: platform for scalable and high-titer production of adeno-associated virus serotype 1-12 vectors for gene therapy. <i>Human Gene Therapy</i> , 2014 , 25, 212-22 | 4.8 | 90 |
| 23 | Differential adeno-associated virus serotype-specific interaction patterns with synthetic heparins and other glycans. <i>Journal of Virology</i> , 2014 , 88, 2991-3003 | 6.6 | 76 |
| 22 | Viral vectors for gene transfer: current status of gene therapeutics. <i>Handbook of Experimental Pharmacology</i> , 2010 , 143-70 | 3.2 | 70 |
| 21 | Antibody-mediated enhancement of parvovirus B19 uptake into endothelial cells mediated by a receptor for complement factor C1q. <i>Journal of Virology</i> , 2014 , 88, 8102-15 | 6.6 | 52 |
| 20 | Automated Glycan Assembly of Oligo-N-Acetylglucosamine and Keratan Sulfate Probes to Study Virus-Glycan Interactions. <i>CheM</i> , 2017 , 2, 114-124 | 16.2 | 40 |
| 19 | A simplified purification protocol for recombinant adeno-associated virus vectors. <i>Molecular Therapy - Methods and Clinical Development</i> , 2014 , 1, 14034 | 6.4 | 40 |
| 18 | Selective Silencing of Hippocampal Parvalbumin Interneurons Induces Development of Recurrent Spontaneous Limbic Seizures in Mice. <i>Journal of Neuroscience</i> , 2017 , 37, 8166-8179 | 6.6 | 38 |
| 17 | Direct Head-to-Head Evaluation of Recombinant Adeno-associated Viral Vectors Manufactured in Human versus Insect Cells. <i>Molecular Therapy</i> , 2017 , 25, 2661-2675 | 11.7 | 32 |
| 16 | OneBac 2.0: Sf9 Cell Lines for Production of AAV5 Vectors with Enhanced Infectivity and Minimal Encapsidation of Foreign DNA. <i>Human Gene Therapy</i> , 2015 , 26, 688-97 | 4.8 | 31 |
| 15 | High Prevalence of Infectious Adeno-associated Virus (AAV) in Human Peripheral Blood Mononuclear Cells Indicative of T Lymphocytes as Sites of AAV Persistence. <i>Journal of Virology</i> , 2017 , 91, | 6.6 | 27 |
| 14 | Adeno-associated virus type 2 wild-type and vector-mediated genomic integration profiles of human diploid fibroblasts analyzed by third-generation PacBio DNA sequencing. <i>Journal of Virology</i> , 2014 , 88, 11253-63 | 6.6 | 24 |
| 13 | CART neurons in the arcuate nucleus and lateral hypothalamic area exert differential controls on energy homeostasis. <i>Molecular Metabolism</i> , 2018 , 7, 102-118 | 8.8 | 23 |
| 12 | A Comprehensive RNA Sequencing Analysis of the Adeno-Associated Virus (AAV) Type 2 Transcriptome Reveals Novel AAV Transcripts, Splice Variants, and Derived Proteins. <i>Journal of Virology</i> , 2016 , 90, 1278-89 | 6.6 | 20 |
| 11 | Adeno-associated virus integrates site-specifically into human chromosome 19 in either orientation and with equal kinetics and frequency. <i>Journal of General Virology</i> , 2003 , 84, 133-137 | 4.9 | 18 |
| 10 | Dynorphin-based "release on demand" gene therapy for drug-resistant temporal lobe epilepsy. <i>EMBO Molecular Medicine</i> , 2019 , 11, e9963 | 12 | 15 |
| 9 | OneBac 2.0: Sf9 Cell Lines for Production of AAV1, AAV2, and AAV8 Vectors with Minimal Encapsidation of Foreign DNA. <i>Human Gene Therapy Methods</i> , 2017 , 28, 15-22 | 4.9 | 13 |
| 8 | Adeno-Associated Virus (AAV) Capsid Stability and Liposome Remodeling During Endo/Lysosomal pH Trafficking. <i>Viruses</i> , 2020 , 12, | 6.2 | 12 |

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| 7 | Interactions of cullin3/KCTD5 complexes with both cytoplasmic and nuclear proteins: Evidence for a role in protein stabilization. <i>Biochemical and Biophysical Research Communications</i> , 2015 , 464, 922-8 | 3.4 | 11 |
| 6 | Definition of herpes simplex virus helper functions for the replication of adeno-associated virus type 5. <i>Journal of General Virology</i> , 2015 , 96, 840-850 | 4.9 | 9 |
| 5 | Methylation Status of the Adeno-Associated Virus Type 2 (AAV2). <i>Viruses</i> , 2019 , 11, | 6.2 | 8 |
| 4 | Comprehensive Small RNA-Seq of Adeno-Associated Virus (AAV)-Infected Human Cells Detects Patterns of Novel, Non-Coding AAV RNAs in the Absence of Cellular miRNA Regulation. <i>PLoS ONE</i> , 2016 , 11, e0161454 | 3.7 | 7 |
| 3 | A Regulatory Element Near the 3'End of the Adeno-Associated Virus rep Gene Inhibits Adenovirus Replication in cis by Means of p40 Promoter-Associated Short Transcripts. <i>Journal of Virology</i> , 2016 , 90, 3981-93 | 6.6 | 4 |
| 2 | Differential contribution of adeno-associated virus type 2 Rep protein expression and nucleic acid elements to inhibition of adenoviral replication in cis and in trans. <i>Journal of Virology</i> , 2014 , 88, 14126-37 | 6.6 | 2 |
| 1 | Structural Study of Aavrh.10 Receptor and Antibody Interactions. <i>Journal of Virology</i> , 2021 , 95, e0124921 | 6.6 | 0 |