

# Antonette Bennett

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

820  
citations

687363

13  
h-index

839539

18  
g-index

20  
all docs

20  
docs citations

20  
times ranked

944  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and Dynamics of Adeno-Associated Virus Serotype 1 VP1-Unique N-Terminal Domain and Its Role in Capsid Trafficking. <i>Journal of Virology</i> , 2013, 87, 4974-4984.	3.4	151
2	Defining the Stoichiometry and Cargo Load of Viral and Bacterial Nanoparticles by Orbitrap Mass Spectrometry. <i>Journal of the American Chemical Society</i> , 2014, 136, 7295-7299.	13.7	134
3	Thermal Stability as a Determinant of AAV Serotype Identity. <i>Molecular Therapy - Methods and Clinical Development</i> , 2017, 6, 171-182.	4.1	95
4	A novel adeno-associated virus capsid with enhanced neurotropism corrects a lysosomal transmembrane enzyme deficiency. <i>Brain</i> , 2018, 141, 2014-2031.	7.6	80
5	Impact of Heparan Sulfate Binding on Transduction of Retina by Recombinant Adeno-Associated Virus Vectors. <i>Journal of Virology</i> , 2016, 90, 4215-4231.	3.4	61
6	Rationally Engineered AAV Capsids Improve Transduction and Volumetric Spread in the CNS. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 8, 184-197.	5.1	48
7	Restoring the natural tropism of AAV2 vectors for human liver. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	41
8	Cryo-electron Microscopy Reconstruction and Stability Studies of the Wild Type and the R432A Variant of Adeno-associated Virus Type 2 Reveal that Capsid Structural Stability Is a Major Factor in Genome Packaging. <i>Journal of Virology</i> , 2016, 90, 8542-8551.	3.4	39
9	Adeno-Associated Virus (AAV) Capsid Stability and Liposome Remodeling During Endo/Lysosomal pH Trafficking. <i>Viruses</i> , 2020, 12, 668.	3.3	32
10	Attenuation of Heparan Sulfate Proteoglycan Binding Enhances In Vivo Transduction of Human Primary Hepatocytes with AAV2. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 17, 1139-1154.	4.1	29
11	Mutants at the 2-Fold Interface of Adeno-associated Virus Type 2 (AAV2) Structural Proteins Suggest a Role in Viral Transcription for AAV Capsids. <i>Journal of Virology</i> , 2016, 90, 7196-7204.	3.4	27
12	Atomic structure of a rationally engineered gene delivery vector, AAV2.5. <i>Journal of Structural Biology</i> , 2018, 203, 236-241.	2.8	24
13	Structure comparison of the chimeric AAV2.7m8 vector with parental AAV2. <i>Journal of Structural Biology</i> , 2020, 209, 107433.	2.8	20
14	Adeno-Associated Virus VP1u Exhibits Protease Activity. <i>Viruses</i> , 2019, 11, 399.	3.3	12
15	Geminivirus structure and assembly. <i>Advances in Virus Research</i> , 2020, 108, 1-32.	2.1	10
16	Assembly and disassembly intermediates of maize streak geminivirus. <i>Virology</i> , 2018, 525, 224-236.	2.4	9
17	Comparative structural, biophysical, and receptor binding study of true type and wild type AAV2. <i>Journal of Structural Biology</i> , 2021, 213, 107795.	2.8	3
18	Effects of Altering Heparan Sulfate Proteoglycan Binding and Capsid Hydrophilicity on Retinal Transduction by Adeno-associated Virus. <i>Journal of Virology</i> , 2021, 95, .	3.4	2

#	ARTICLE	IF	CITATIONS
19	Structural Rearrangements in R432A Variant of AAV2 Affect Genome Packaging. Microscopy and Microanalysis, 2016, 22, 1134-1135.	0.4	0