

Brittney Gurda

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,687
citations

304743

22
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

1694
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure of Adeno-Associated Virus Serotype 8, a Gene Therapy Vector. <i>Journal of Virology</i> , 2007, 81, 12260-12271.	3.4	199
2	Structural Insight into the Unique Properties of Adeno-Associated Virus Serotype 9. <i>Journal of Virology</i> , 2012, 86, 6947-6958.	3.4	163
3	Structural Characterization of the Dual Glycan Binding Adeno-Associated Virus Serotype 6. <i>Journal of Virology</i> , 2010, 84, 12945-12957.	3.4	120
4	Capsid Antibodies to Different Adeno-Associated Virus Serotypes Bind Common Regions. <i>Journal of Virology</i> , 2013, 87, 9111-9124.	3.4	102
5	Identification of the Galactose Binding Domain of the Adeno-Associated Virus Serotype 9 Capsid. <i>Journal of Virology</i> , 2012, 86, 7326-7333.	3.4	101
6	Intrathecal Gene Therapy Corrects CNS Pathology in a Feline Model of Mucopolysaccharidosis I. <i>Molecular Therapy</i> , 2014, 22, 2018-2027.	8.2	89
7	Mapping a Neutralizing Epitope onto the Capsid of Adeno-Associated Virus Serotype 8. <i>Journal of Virology</i> , 2012, 86, 7739-7751.	3.4	86
8	Human Bocavirus Capsid Structure: Insights into the Structural Repertoire of the <i>Parvoviridae</i>. <i>Journal of Virology</i> , 2010, 84, 5880-5889.	3.4	79
9	Structural Studies of Adeno-Associated Virus Serotype 8 Capsid Transitions Associated with Endosomal Trafficking. <i>Journal of Virology</i> , 2011, 85, 11791-11799.	3.4	78
10	Neonatal Systemic AAV Induces Tolerance to CNS Gene Therapy in MPS I Dogs and Nonhuman Primates. <i>Molecular Therapy</i> , 2015, 23, 1298-1307.	8.2	72
11	Evaluation of AAV-mediated Gene Therapy for Central Nervous System Disease in Canine Mucopolysaccharidosis VII. <i>Molecular Therapy</i> , 2016, 24, 206-216.	8.2	70
12	Structural Insights into Adeno-Associated Virus Serotype 5. <i>Journal of Virology</i> , 2013, 87, 11187-11199.	3.4	69
13	Adeno-Associated Virus Serotype 1 (AAV1)- and AAV5-Antibody Complex Structures Reveal Evolutionary Commonalities in Parvovirus Antigenic Reactivity. <i>Journal of Virology</i> , 2015, 89, 1794-1808.	3.4	64
14	Examining the cross-reactivity and neutralization mechanisms of a panel of mAbs against adeno-associated virus serotypes 1 and 5. <i>Journal of General Virology</i> , 2012, 93, 347-355.	2.9	43
15	Liver-directed gene therapy corrects cardiovascular lesions in feline mucopolysaccharidosis type I. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 14894-14899.	7.1	42
16	The Threefold Protrusions of Adeno-Associated Virus Type 8 Are Involved in Cell Surface Targeting as Well as Postattachment Processing. <i>Journal of Virology</i> , 2012, 86, 9396-9408.	3.4	40
17	Structure of an Enteric Pathogen, Bovine Parvovirus. <i>Journal of Virology</i> , 2015, 89, 2603-2614.	3.4	39
18	Adeno-associated virus serotypes 9 and rh10 mediate strong neuronal transduction of the dog brain. <i>Gene Therapy</i> , 2014, 21, 28-36.	4.5	30

#	ARTICLE	IF	CITATIONS
19	Cerebrospinal Fluid Calbindin D Concentration as a Biomarker of Cerebellar Disease Progression in Niemann-Pick Type C1 Disease. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2016, 358, 254-261.	2.5	29
20	A Review of Gene Therapy in Canine and Feline Models of Lysosomal Storage Disorders. <i>Human Gene Therapy Clinical Development</i> , 2015, 26, 27-37.	3.1	27
21	Production, purification and preliminary X-ray crystallographic studies of adeno-associated virus serotype 9. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009, 65, 715-718.	0.7	25
22	Mapping the Structural Determinants Responsible for Enhanced T Cell Activation to the Immunogenic Adeno-Associated Virus Capsid from Isolate Rhesus 32.33. <i>Journal of Virology</i> , 2013, 87, 9473-9485.	3.4	24
23	Large animal models contribute to the development of therapies for central and peripheral nervous system dysfunction in patients with lysosomal storage diseases. <i>Human Molecular Genetics</i> , 2019, 28, R119-R131.	2.9	23
24	Production, purification and preliminary X-ray crystallographic studies of adeno-associated virus serotype 7. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2007, 63, 1073-1076.	0.7	19
25	Canine and Feline Models of Human Genetic Diseases and Their Contributions to Advancing Clinical Therapies. <i>Yale Journal of Biology and Medicine</i> , 2017, 90, 417-431.	0.2	18
26	Wnt10b and Dkk-1 gene therapy differentially influenced trabecular bone architecture, soft tissue integrity, and osteophytosis in a skeletally mature rat model of osteoarthritis. <i>Connective Tissue Research</i> , 2017, 58, 542-552.	2.3	11
27	Delivery and evaluation of recombinant adeno-associated viral vectors in the equine distal extremity for the treatment of laminitis. <i>Equine Veterinary Journal</i> , 2017, 49, 79-86.	1.7	7
28	LC3 Immunostaining in the Inferior Olivary Nuclei of Cats With Niemann-Pick Disease Type C1 Is Associated With Patterned Purkinje Cell Loss. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018, 77, 229-245.	1.7	7
29	Multiple Recombinant Adeno-Associated Viral Vector Serotypes Display Persistent In Vivo Gene Expression in Vector-Transduced Rat Stifle Joints. <i>Human Gene Therapy Methods</i> , 2013, 24, 185-194.	2.1	6
30	Pharmacokinetics and distribution of 2-hydroxypropyl- β -cyclodextrin following a single intrathecal dose to cats. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 618-634.	3.6	5
31	A review of gene therapy in canine and feline models of lysosomal storage disorders. <i>Human Gene Therapy Clinical Development</i> , 0, , 150127063140004.	3.1	0