

Paul Chipman

List of Publications by Year in descending order

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29
papers

779
citations

567247

15
h-index

526264

27
g-index

30
all docs

30
docs citations

30
times ranked

1002
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Nano-Carrier Architecture on <i>in Vitro</i> siRNA Delivery Performance and <i>in Vivo</i> Biodistribution: Polyplexes vs Micelleplexes. ACS Nano, 2011, 5, 3493-3505.	14.6	109
2	Release of Dengue Virus Genome Induced by a Peptide Inhibitor. PLoS ONE, 2012, 7, e50995.	2.5	71
3	Molecular Links between the E2 Envelope Glycoprotein and Nucleocapsid Core in Sindbis Virus. Journal of Molecular Biology, 2011, 414, 442-459.	4.2	65
4	Adeno-Associated Virus Serotype 1 (AAV1)- and AAV5-Antibody Complex Structures Reveal Evolutionary Commonalities in Parvovirus Antigenic Reactivity. Journal of Virology, 2015, 89, 1794-1808.	3.4	64
5	A simplified purification protocol for recombinant adeno-associated virus vectors. Molecular Therapy - Methods and Clinical Development, 2014, 1, 14034.	4.1	56
6	Completion of the AAV Structural Atlas: Serotype Capsid Structures Reveals Clade-Specific Features. Viruses, 2021, 13, 101.	3.3	46
7	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. Journal of Virology, 2016, 90, 8542-8551.	3.4	39
8	Comparative Analysis of the Capsid Structures of AAVrh.10, AAVrh.39, and AAV8. Journal of Virology, 2020, 94, .	3.4	38
9	Structural Insights into Human Bocaparvoviruses. Journal of Virology, 2017, 91, .	3.4	37
10	High-Resolution Structural Characterization of a New Adeno-associated Virus Serotype 5 Antibody Epitope toward Engineering Antibody-Resistant Recombinant Gene Delivery Vectors. Journal of Virology, 2019, 93, .	3.4	37
11	Characterization of AAV-Specific Affinity Ligands: Consequences for Vector Purification and Development Strategies. Molecular Therapy - Methods and Clinical Development, 2020, 19, 362-373.	4.1	29
12	Mapping Antigenic Epitopes on the Human Bocavirus Capsid. Journal of Virology, 2016, 90, 4670-4680.	3.4	28
13	Atomic structure of a rationally engineered gene delivery vector, AAV2.5. Journal of Structural Biology, 2018, 203, 236-241.	2.8	24
14	AAV6 K531 serves a dual function in selective receptor and antibody ADK6 recognition. Virology, 2018, 518, 369-376.	2.4	20
15	Atomic Resolution Structures of Human Bufaviruses Determined by Cryo-Electron Microscopy. Viruses, 2018, 10, 22.	3.3	20
16	Molecular biology and structure of a novel penaeid shrimp densovirus elucidate convergent parvoviral host capsid evolution. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20211-20222.	7.1	13
17	Improved Genome Packaging Efficiency of Adeno-associated Virus Vectors Using Rep Hybrids. Journal of Virology, 2021, 95, e0077321.	3.4	11
18	Structurally Mapping Antigenic Epitopes of Adeno-associated Virus 9: Development of Antibody Escape Variants. Journal of Virology, 2022, 96, JVI0125121.	3.4	11

#	ARTICLE	IF	CITATIONS
19	Structural characterization of a bat Adeno-associated virus capsid. <i>Journal of Structural Biology</i> , 2020, 211, 107547.	2.8	10
20	Structural Characterization of Cuta- and Tusavirus: Insight into Protoparvoviruses Capsid Morphology. <i>Viruses</i> , 2020, 12, 653.	3.3	9
21	Structural Study of Aavrh.10 Receptor and Antibody Interactions. <i>Journal of Virology</i> , 2021, 95, e0124921.	3.4	8
22	Atomic Resolution Structure of the Oncolytic Parvovirus Lulll by Electron Microscopy and 3D Image Reconstruction. <i>Viruses</i> , 2017, 9, 321.	3.3	6
23	Characterization of the GBoV1 Capsid and Its Antibody Interactions. <i>Viruses</i> , 2021, 13, 330.	3.3	6
24	Characterization of the Serpentine Adeno-Associated Virus (SAAV) Capsid Structure: Receptor Interactions and Antigenicity. <i>Journal of Virology</i> , 2022, 96, e0033522.	3.4	5
25	Microbatch Mixing: “Shaken not Stirred”, a Method for Macromolecular Microcrystal Production for Serial Crystallography. <i>Crystal Growth and Design</i> , 2016, 16, 6214-6221.	3.0	4
26	pH-Induced Conformational Changes of Human Bocavirus Capsids. <i>Journal of Virology</i> , 2021, 95, .	3.4	4
27	Structural characterization of an envelope-associated adeno-associated virus type 2 capsid. <i>Virology</i> , 2022, 565, 22-28.	2.4	4
28	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
29	Structural Characterization of Emerging Pathogenic Human Parvoviruses. <i>Microscopy and Microanalysis</i> , 2018, 24, 1214-1215.	0.4	2