

# Paul Chipman

## 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.

29  
papers

497  
citations

13  
h-index

22  
g-index

30  
ext. papers

641  
ext. citations

5.9  
avg, IF

3.21  
L-index

#	Paper	IF	Citations
29	Influence of nano-carrier architecture on in vitro siRNA delivery performance and in vivo biodistribution: polyplexes vs micelleplexes. <i>ACS Nano</i> , <b>2011</b> , 5, 3493-505	16.7	97
28	Release of dengue virus genome induced by a peptide inhibitor. <i>PLoS ONE</i> , <b>2012</b> , 7, e50995	3.7	55
27	Molecular links between the E2 envelope glycoprotein and nucleocapsid core in Sindbis virus. <i>Journal of Molecular Biology</i> , <b>2011</b> , 414, 442-59	6.5	48
26	Adeno-associated virus serotype 1 (AAV1)- and AAV5-antibody complex structures reveal evolutionary commonalities in parvovirus antigenic reactivity. <i>Journal of Virology</i> , <b>2015</b> , 89, 1794-808	6.6	46
25	A simplified purification protocol for recombinant adeno-associated virus vectors. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2014</b> , 1, 14034	6.4	40
24	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> , <b>2016</b> , 90, 8542-51	6.6	28
23	Structural Insights into Human Bocaparvoviruses. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	25
22	Mapping Antigenic Epitopes on the Human Bocavirus Capsid. <i>Journal of Virology</i> , <b>2016</b> , 90, 4670-4680	6.6	21
21	High-Resolution Structural Characterization of a New Adeno-associated Virus Serotype 5 Antibody Epitope toward Engineering Antibody-Resistant Recombinant Gene Delivery Vectors. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	21
20	Atomic structure of a rationally engineered gene delivery vector, AAV2.5. <i>Journal of Structural Biology</i> , <b>2018</b> , 203, 236-241	3.4	18
19	Comparative Analysis of the Capsid Structures of AAVrh.10, AAVrh.39, and AAV8. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	17
18	AAV6 K531 serves a dual function in selective receptor and antibody ADK6 recognition. <i>Virology</i> , <b>2018</b> , 518, 369-376	3.6	15
17	Atomic Resolution Structures of Human Bufaviruses Determined by Cryo-Electron Microscopy. <i>Viruses</i> , <b>2018</b> , 10,	6.2	15
16	Characterization of AAV-Specific Affinity Ligands: Consequences for Vector Purification and Development Strategies. <i>Molecular Therapy - Methods and Clinical Development</i> , <b>2020</b> , 19, 362-373	6.4	10
15	Completion of the AAV Structural Atlas: Serotype Capsid Structures Reveals Clade-Specific Features. <i>Viruses</i> , <b>2021</b> , 13,	6.2	9
14	Structural characterization of a bat Adeno-associated virus capsid. <i>Journal of Structural Biology</i> , <b>2020</b> , 211, 107547	3.4	6
13	Atomic Resolution Structure of the Oncolytic Parvovirus Lulll by Electron Microscopy and 3D Image Reconstruction. <i>Viruses</i> , <b>2017</b> , 9,	6.2	6

12	Molecular biology and structure of a novel penaeid shrimp densovirus elucidate convergent parvoviral host capsid evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 20211-20222	11.5	4
11	Microbatch Mixing: Shaken not Stirred Method for Macromolecular Microcrystal Production for Serial Crystallography. <i>Crystal Growth and Design</i> , <b>2016</b> , 16, 6214-6221	3.5	4
10	Structural Characterization of Cuta- and Tusavirus: Insight into Protoparvoviruses Capsid Morphology. <i>Viruses</i> , <b>2020</b> , 12,	6.2	3
9	Characterization of the GBoV1 Capsid and Its Antibody Interactions. <i>Viruses</i> , <b>2021</b> , 13,	6.2	3
8	Improved Genome Packaging Efficiency of Adeno-associated Virus Vectors Using Rep Hybrids. <i>Journal of Virology</i> , <b>2021</b> , 95, e0077321	6.6	3
7	pH-Induced Conformational Changes of Human Bocavirus Capsids. <i>Journal of Virology</i> , <b>2021</b> ,	6.6	2
6	Structural Characterization of Emerging Pathogenic Human Parvoviruses. <i>Microscopy and Microanalysis</i> , <b>2018</b> , 24, 1214-1215	0.5	1
5	Structurally Mapping Antigenic Epitopes of Adeno-Associated Virus 9: Development of Antibody Escape Variants. <i>Journal of Virology</i> , <b>2021</b> , JVI0125121	6.6	0
4	Structural characterization of an envelope-associated adeno-associated virus type 2 capsid. <i>Virology</i> , <b>2022</b> , 565, 22-28	3.6	0
3	Structural Study of Aavrh.10 Receptor and Antibody Interactions. <i>Journal of Virology</i> , <b>2021</b> , 95, e0124921	6.6	0
2	Comparative structural, biophysical, and receptor binding study of true type and wild type AAV2. <i>Journal of Structural Biology</i> , <b>2021</b> , 213, 107795	3.4	0
1	Characterization of the Serpentine Adeno-Associated Virus (SAAV) Capsid Structure: Receptor Interactions and Antigenicity.. <i>Journal of Virology</i> , <b>2022</b> , e0033522	6.6	0