

Susan Hafenstein

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

891
citations

430442

18
h-index

500791

28
g-index

29
all docs

29
docs citations

29
times ranked

1256
citing authors

#	ARTICLE	IF	CITATIONS
1	Accurate virus identification with interpretable Raman signatures by machine learning. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	19
2	High-resolution asymmetric structure of a Fab-virus complex reveals overlap with the receptor binding site. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2025452118.	3.3	12
3	Scaffold Simplification Strategy Leads to a Novel Generation of Dual Human Immunodeficiency Virus and Enterovirus-A71 Entry Inhibitors. Journal of Medicinal Chemistry, 2020, 63, 349-368.	2.9	20
4	Asymmetry in icosahedral viruses. Current Opinion in Virology, 2019, 36, 67-73.	2.6	7
5	CryoEM reconstruction approaches to resolve asymmetric features. Advances in Virus Research, 2019, 105, 73-91.	0.9	19
6	Viral engagement with host receptors blocked by a novel class of tryptophan dendrimers that targets the 5-fold-axis of the enterovirus-A71 capsid. PLoS Pathogens, 2019, 15, e1007760.	2.1	26
7	Parvovirus B19 Uncoating Occurs in the Cytoplasm without Capsid Disassembly and It Is Facilitated by Depletion of Capsid-Associated Divalent Cations. Viruses, 2019, 11, 430.	1.5	22
8	Transferrin receptor binds virus capsid with dynamic motion. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 20462-20471.	3.3	24
9	Nuclear, Cytosolic, and Surface-Localized Poly(A)-Binding Proteins of Plasmodium yoelii. MSphere, 2018, 3, .	1.3	11
10	Cryoelectron Microscopy Maps of Human Papillomavirus 16 Reveal L2 Densities and Heparin Binding Site. Structure, 2017, 25, 253-263.	1.6	56
11	Cryo-EM maps reveal five-fold channel structures and their modification by gatekeeper mutations in the parvovirus minute virus of mice (MVM) capsid. Virology, 2017, 510, 216-223.	1.1	12
12	Parvovirus Capsid Structures Required for Infection: Mutations Controlling Receptor Recognition and Protease Cleavages. Journal of Virology, 2017, 91, .	1.5	23
13	Honey Bee Deformed Wing Virus Structures Reveal that Conformational Changes Accompany Genome Release. Journal of Virology, 2017, 91, .	1.5	28
14	High-Resolution Structure Analysis of Antibody V5 and U4 Conformational Epitopes on Human Papillomavirus 16. Viruses, 2017, 9, 374.	1.5	11
15	Using a Novel Partitivirus in Pseudogymnoascus destructans to Understand the Epidemiology of White-Nose Syndrome. PLoS Pathogens, 2016, 12, e1006076.	2.1	38
16	Near-Atomic Resolution Structure of a Highly Neutralizing Fab Bound to Canine Parvovirus. Journal of Virology, 2016, 90, 9733-9742.	1.5	27
17	The novel asymmetric entry intermediate of a picornavirus captured with nanodiscs. Science Advances, 2016, 2, e1501929.	4.7	46
18	MRI contrast agent for targeting glioma: interleukin-13 labeled liposome encapsulating gadolinium-DTPA. Neuro-Oncology, 2016, 18, 691-699.	0.6	48

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19	The Suramin Derivative NF449 Interacts with the 5-fold Vertex of the Enterovirus A71 Capsid to Prevent Virus Attachment to PSGL-1 and Heparan Sulfate. <i>PLoS Pathogens</i> , 2015, 11, e1005184.	2.1	33
20	A Cryo-Electron Microscopy Study Identifies the Complete H16.V5 Epitope and Reveals Global Conformational Changes Initiated by Binding of the Neutralizing Antibody Fragment. <i>Journal of Virology</i> , 2015, 89, 1428-1438.	1.5	54
21	Structural comparison of four different antibodies interacting with human papillomavirus 16 and mechanisms of neutralization. <i>Virology</i> , 2015, 483, 253-263.	1.1	47
22	The U4 Antibody Epitope on Human Papillomavirus 16 Identified by Cryo-electron Microscopy. <i>Journal of Virology</i> , 2015, 89, 12108-12117.	1.5	22
23	Kinetic and Structural Analysis of Coxsackievirus B3 Receptor Interactions and Formation of the A-Particle. <i>Journal of Virology</i> , 2014, 88, 5755-5765.	1.5	42
24	Enterovirus 71 Virus Propagation and Purification. <i>Bio-protocol</i> , 2014, 4, .	0.2	8
25	Enterovirus 71 Binding to PSGL-1 on Leukocytes: VP1-145 Acts as a Molecular Switch to Control Receptor Interaction. <i>PLoS Pathogens</i> , 2013, 9, e1003511.	2.1	103
26	The Role of Evolutionary Intermediates in the Host Adaptation of Canine Parvovirus. <i>Journal of Virology</i> , 2012, 86, 1514-1521.	1.5	49
27	Structural Comparison of Different Antibodies Interacting with Parvovirus Capsids. <i>Journal of Virology</i> , 2009, 83, 5556-5566.	1.5	72