

Alexis Huet

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

952
citations

516710

16
h-index

713466

21
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24
all docs

24
docs citations

24
times ranked

1638
citing authors

#	ARTICLE	IF	CITATIONS
1	Laminin Receptor Involvement in the Anti-angiogenic Activity of Pigment Epithelium-derived Factor. <i>Journal of Biological Chemistry</i> , 2009, 284, 10480-10490.	3.4	148
2	Impact of the Mutation A21G (Flemish Variant) on Alzheimer's β -Amyloid Dimers by Molecular Dynamics Simulations. <i>Biophysical Journal</i> , 2006, 91, 3829-3840.	0.5	93
3	Potent neutralizing nanobodies resist convergent circulating variants of SARS-CoV-2 by targeting diverse and conserved epitopes. <i>Nature Communications</i> , 2021, 12, 4676.	12.8	74
4	Desminopathies in muscle disease. <i>Journal of Pathology</i> , 2004, 204, 418-427.	4.5	72
5	GFP expression in muscle cells impairs actin-myosin interactions: implications for cell therapy. <i>Nature Methods</i> , 2006, 3, 331-331.	19.0	72
6	Insights into Bacteriophage T5 Structure from Analysis of Its Morphogenesis Genes and Protein Components. <i>Journal of Virology</i> , 2014, 88, 1162-1174.	3.4	68
7	Green Fluorescent Protein Impairs Actin-Myosin Interactions by Binding to the Actin-binding Site of Myosin. <i>Journal of Biological Chemistry</i> , 2007, 282, 10465-10471.	3.4	67
8	Capsids and Genomes of Jumbo-Sized Bacteriophages Reveal the Evolutionary Reach of the HK97 Fold. <i>MBio</i> , 2017, 8, .	4.1	65
9	Extensive subunit contacts underpin herpesvirus capsid stability and interior-to-exterior allostery. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 531-539.	8.2	64
10	<i>In Vitro</i> Assembly of the T=13 Procapsid of Bacteriophage T5 with Its Scaffolding Domain. <i>Journal of Virology</i> , 2010, 84, 9350-9358.	3.4	31
11	The C Terminus of the Herpes Simplex Virus UL25 Protein Is Required for Release of Viral Genomes from Capsids Bound to Nuclear Pores. <i>Journal of Virology</i> , 2017, 91, .	3.4	30
12	Capsid expansion of bacteriophage T5 revealed by high resolution cryoelectron microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 21037-21046.	7.1	27
13	A Two-State Cooperative Expansion Converts the Procapsid Shell of Bacteriophage T5 into a Highly Stable Capsid Isomorphous to the Final Virion Head. <i>Journal of Molecular Biology</i> , 2013, 425, 1999-2014.	4.2	22
14	Proteomic profiling of extracellular vesicles released from vascular smooth muscle cells during initiation of phosphate-induced mineralization. <i>Connective Tissue Research</i> , 2018, 59, 55-61.	2.3	22
15	High affinity anchoring of the decoration protein pb10 onto the bacteriophage T5 capsid. <i>Scientific Reports</i> , 2017, 7, 41662.	3.3	21
16	Correct Assembly of the Bacteriophage T5 Procapsid Requires Both the Maturation Protease and the Portal Complex. <i>Journal of Molecular Biology</i> , 2016, 428, 165-181.	4.2	18
17	Mobile Loops and Electrostatic Interactions Maintain the Flexible Tail Tube of Bacteriophage Lambda. <i>Journal of Molecular Biology</i> , 2020, 432, 384-395.	4.2	18
18	Role of the Herpes Simplex Virus CVSC Proteins at the Capsid Portal Vertex. <i>Journal of Virology</i> , 2020, 94, .	3.4	13

#	ARTICLE	IF	CITATIONS
19	Mechanism of binding of serum response factor to serum response element. FEBS Journal, 2005, 272, 3105-3119.	4.7	9
20	The Apical Region of the Herpes Simplex Virus Major Capsid Protein Promotes Capsid Maturation. Journal of Virology, 2018, 92, .	3.4	4