

Stefan L Oliver

List of Publications by Year in descending order

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35
papers

1,015
citations

516710

16
h-index

552781

26
g-index

37
all docs

37
docs citations

37
times ranked

1096
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular mechanisms of varicella zoster virus pathogenesis. <i>Nature Reviews Microbiology</i> , 2014, 12, 197-210.	28.6	319
2	Varicella-Zoster Virus T Cell Tropism and the Pathogenesis of Skin Infection. <i>Current Topics in Microbiology and Immunology</i> , 2010, 342, 189-209.	1.1	75
3	Disruption of PML Nuclear Bodies Is Mediated by ORF61 SUMO-Interacting Motifs and Required for Varicella-Zoster Virus Pathogenesis in Skin. <i>PLoS Pathogens</i> , 2011, 7, e1002157.	4.7	60
4	Mutagenesis of Varicella-Zoster Virus Glycoprotein B: Putative Fusion Loop Residues Are Essential for Viral Replication, and the Furin Cleavage Motif Contributes to Pathogenesis in Skin Tissue In Vivo. <i>Journal of Virology</i> , 2009, 83, 7495-7506.	3.4	56
5	Structure-function analysis of varicella-zoster virus glycoprotein H identifies domain-specific roles for fusion and skin tropism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18412-18417.	7.1	44
6	A site of varicella-zoster virus vulnerability identified by structural studies of neutralizing antibodies bound to the glycoprotein complex gHgL. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 6056-6061.	7.1	44
7	Genotype 1 and Genotype 2 Bovine Noroviruses Are Antigenically Distinct but Share a Cross-Reactive Epitope with Human Noroviruses. <i>Journal of Clinical Microbiology</i> , 2006, 44, 992-998.	3.9	43
8	Varicella-Zoster Virus Glycoproteins: Entry, Replication, and Pathogenesis. <i>Current Clinical Microbiology Reports</i> , 2016, 3, 204-215.	3.4	39
9	An immunoreceptor tyrosine-based inhibition motif in varicella-zoster virus glycoprotein B regulates cell fusion and skin pathogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 1911-1916.	7.1	38
10	The Cytoplasmic Domain of Varicella-Zoster Virus Glycoprotein H Regulates Syncytia Formation and Skin Pathogenesis. <i>PLoS Pathogens</i> , 2014, 10, e1004173.	4.7	37
11	Target highlights in <sc>CASP14</sc>: Analysis of models by structure providers. <i>Proteins: Structure, Function and Bioinformatics</i> , 2021, 89, 1647-1672.	2.6	27
12	Development of recombinant varicella-zoster viruses expressing luciferase fusion proteins for live in vivo imaging in human skin and dorsal root ganglia xenografts. <i>Journal of Virological Methods</i> , 2008, 154, 182-193.	2.1	25
13	Anti-Glycoprotein H Antibody Impairs the Pathogenicity of Varicella-Zoster Virus in Skin Xenografts in the SCID Mouse Model. <i>Journal of Virology</i> , 2010, 84, 141-152.	3.4	25
14	Role for the α V Integrin Subunit in Varicella-Zoster Virus-Mediated Fusion and Infection. <i>Journal of Virology</i> , 2016, 90, 7567-7578.	3.4	23
15	A glycoprotein B-neutralizing antibody structure at 2.8Å... uncovers a critical domain for herpesvirus fusion initiation. <i>Nature Communications</i> , 2020, 11, 4141.	12.8	23
16	Envelope protein variability among HBV-infected asymptomatic carriers and immunized children with breakthrough infections. <i>Journal of Medical Virology</i> , 2008, 80, 1537-1546.	5.0	20
17	The Glycoprotein B Cytoplasmic Domain Lysine Cluster Is Critical for Varicella-Zoster Virus Cell-Cell Fusion Regulation and Infection. <i>Journal of Virology</i> , 2017, 91, .	3.4	20
18	Mutagenesis of Varicella-Zoster Virus Glycoprotein I (gI) Identifies a Cysteine Residue Critical for gE/gI Heterodimer Formation, gI Structure, and Virulence in Skin Cells. <i>Journal of Virology</i> , 2011, 85, 4095-4110.	3.4	17

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19	Varicella-zoster virus: molecular controls of cell fusion-dependent pathogenesis. <i>Biochemical Society Transactions</i> , 2020, 48, 2415-2435.	3.4	16
20	Dysregulated Glycoprotein B-Mediated Cell-Cell Fusion Disrupts Varicella-Zoster Virus and Host Gene Transcription during Infection. <i>Journal of Virology</i> , 2017, 91, .	3.4	15
21	ORF11 Protein Interacts with the ORF9 Essential Tegument Protein in Varicella-Zoster Virus Infection. <i>Journal of Virology</i> , 2013, 87, 5106-5117.	3.4	13
22	The N-terminus of varicella-zoster virus glycoprotein B has a functional role in fusion. <i>PLoS Pathogens</i> , 2021, 17, e1008961.	4.7	12
23	Analysis of the Functions of Glycoproteins E and I and Their Promoters During VZV Replication In Vitro and in Skin and T-Cell Xenografts in the SCID Mouse Model of VZV Pathogenesis. <i>Current Topics in Microbiology and Immunology</i> , 2010, 342, 129-146.	1.1	9
24	Heterogeneity in the capsid protein of bovine enteric caliciviruses belonging to a new genus. <i>Virology</i> , 2009, 387, 109-116.	2.4	7
25	Calcineurin phosphatase activity regulates Varicella-Zoster Virus induced cell-cell fusion. <i>PLoS Pathogens</i> , 2020, 16, e1009022.	4.7	5
26	HIV-1 inhibitory properties of eCD4-IgMim2 determined using an Env-mediated membrane fusion assay. <i>PLoS ONE</i> , 2018, 13, e0206365.	2.5	0
27	The Structures and Functions of VZV Glycoproteins. <i>Current Topics in Microbiology and Immunology</i> , 2021, , .	1.1	0
28	The N-terminus of varicella-zoster virus glycoprotein B has a functional role in fusion. , 2021, 17, e1008961.		0
29	The N-terminus of varicella-zoster virus glycoprotein B has a functional role in fusion. , 2021, 17, e1008961.		0
30	The N-terminus of varicella-zoster virus glycoprotein B has a functional role in fusion. , 2021, 17, e1008961.		0
31	The N-terminus of varicella-zoster virus glycoprotein B has a functional role in fusion. , 2021, 17, e1008961.		0
32	Calcineurin phosphatase activity regulates Varicella-Zoster Virus induced cell-cell fusion. , 2020, 16, e1009022.		0
33	Calcineurin phosphatase activity regulates Varicella-Zoster Virus induced cell-cell fusion. , 2020, 16, e1009022.		0
34	Calcineurin phosphatase activity regulates Varicella-Zoster Virus induced cell-cell fusion. , 2020, 16, e1009022.		0
35	Calcineurin phosphatase activity regulates Varicella-Zoster Virus induced cell-cell fusion. , 2020, 16, e1009022.		0