

Walid Azab

List of Publications by Year in descending order

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52
papers

1,118
citations

448610

19
h-index

488211

31
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56
all docs

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docs citations

56
times ranked

1606
citing authors

#	ARTICLE	IF	CITATIONS
1	The US3 Kinase of Herpes Simplex Virus Phosphorylates the RNA Sensor RIG-I To Suppress Innate Immunity. <i>Journal of Virology</i> , 2022, 96, JVI0151021.	1.5	8
2	Equine Herpesviruses (Herpesviridae). , 2021, , 278-286.		1
3	Immunogenicity of Calvenza-03 EIV/EHV ^Â Vaccine in Horses: Comparative In Vivo Study. <i>Vaccines</i> , 2021, 9, 166.	2.1	5
4	Graphene-Assisted Synthesis of 2D Polyglycerols as Innovative Platforms for Multivalent Virus Interactions. <i>Advanced Functional Materials</i> , 2021, 31, 2009003.	7.8	9
5	Seasonal host and ecological drivers may promote restricted water as a viral vector. <i>Science of the Total Environment</i> , 2021, 773, 145446.	3.9	4
6	Equine Herpesvirus Type 4 (EHV-4) Outbreak in Germany: Virological, Serological, and Molecular Investigations. <i>Pathogens</i> , 2021, 10, 810.	1.2	10
7	Equid Herpesvirus-1 Exploits the Extracellular Matrix of Mononuclear Cells to Ensure Transport to Target Cells. <i>IScience</i> , 2020, 23, 101615.	1.9	4
8	Equine Alphaherpesviruses Require Activation of the Small GTPases Rac1 and Cdc42 for Intracellular Transport. <i>Microorganisms</i> , 2020, 8, 1013.	1.6	7
9	Equine Herpesvirus Type 1 Modulates Cytokine and Chemokine Profiles of Mononuclear Cells for Efficient Dissemination to Target Organs. <i>Viruses</i> , 2020, 12, 999.	1.5	11
10	Macropinocytosis and Clathrin-Dependent Endocytosis Play Pivotal Roles for the Infectious Entry of Puumala Virus. <i>Journal of Virology</i> , 2020, 94, .	1.5	14
11	Differentially-Charged Liposomes Interact with Alphaherpesviruses and Interfere with Virus Entry. <i>Pathogens</i> , 2020, 9, 359.	1.2	8
12	Bearing the brunt: Mongolian khulan (<i>Equus hemionus hemionus</i>) are exposed to multiple influenza A strains. <i>Veterinary Microbiology</i> , 2020, 242, 108605.	0.8	4
13	EHV-1 Pathogenesis: Current in vitro Models and Future Perspectives. <i>Frontiers in Veterinary Science</i> , 2019, 6, 251.	0.9	5
14	Functionalized nanographene sheets with high antiviral activity through synergistic electrostatic and hydrophobic interactions. <i>Nanoscale</i> , 2019, 11, 15804-15809.	2.8	83
15	Detection of equid herpesviruses among different Arabian horse populations in Egypt. <i>Veterinary Medicine and Science</i> , 2019, 5, 361-371.	0.6	12
16	Fatal Elephant Endotheliotropic Herpesvirus Infection of Two Young Asian Elephants. <i>Microorganisms</i> , 2019, 7, 396.	1.6	12
17	Equine Herpesvirus 1 Bridges T Lymphocytes To Reach Its Target Organs. <i>Journal of Virology</i> , 2019, 93, .	1.5	20
18	Subclinical infection of a young captive Asian elephant with elephant endotheliotropic herpesvirus 1. <i>Archives of Virology</i> , 2018, 163, 495-500.	0.9	10

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19	Novel Divergent Polar Bear-Associated Mastadenovirus Recovered from a Deceased Juvenile Polar Bear. <i>MSphere</i> , 2018, 3, .	1.3	8
20	How Host Specific Are Herpesviruses? Lessons from Herpesviruses Infecting Wild and Endangered Mammals. <i>Annual Review of Virology</i> , 2018, 5, 53-68.	3.0	52
21	Physiological costs of infection: herpesvirus replication is linked to blood oxidative stress in equids. <i>Scientific Reports</i> , 2018, 8, 10347.	1.6	16
22	Multivalent Flexible Nanogels Exhibit Broad-Spectrum Antiviral Activity by Blocking Virus Entry. <i>ACS Nano</i> , 2018, 12, 6429-6442.	7.3	106
23	Size-dependent inhibition of herpesvirus cellular entry by polyvalent nanoarchitectures. <i>Nanoscale</i> , 2017, 9, 3774-3783.	2.8	70
24	Initial Contact: The First Steps in Herpesvirus Entry. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2017, 223, 1-27.	1.0	22
25	Viral genes and cellular markers associated with neurological complications during herpesvirus infections. <i>Journal of General Virology</i> , 2017, 98, 1439-1454.	1.3	32
26	The Role of the Equine Herpesvirus Type 1 (EHV-1) US3-Encoded Protein Kinase in Actin Reorganization and Nuclear Egress. <i>Viruses</i> , 2016, 8, 275.	1.5	12
27	Evaluation of immunity and clinical disease following infection of horses with Equine herpesvirus-1 and mutants of differing neuropathogenic potential. <i>Journal of Equine Veterinary Science</i> , 2016, 39, S26-S27.	0.4	0
28	Glycoprotein B of equine herpesvirus type 1 has two recognition sites for subtilisin-like proteases that are cleaved by furin. <i>Journal of General Virology</i> , 2016, 97, 1218-1228.	1.3	4
29	Well-known surface and extracellular antigens of pathogenic microorganisms among the immunodominant proteins of the infectious microalgae <i>Prototheca zopfii</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 67.	1.8	32
30	Comparative Analysis of Glycoprotein B (gB) of Equine Herpesvirus Type 1 and Type 4 (EHV-1 and EHV-4) in Cellular Tropism and Cell-to-Cell Transmission. <i>Viruses</i> , 2015, 7, 522-542.	1.5	12
31	Binding of Alphaherpesvirus Glycoprotein H to Surface β_4 -Integrins Activates Calcium-Signaling Pathways and Induces Phosphatidylserine Exposure on the Plasma Membrane. <i>MBio</i> , 2015, 6, e01552-15.	1.8	28
32	Role of gB and pUS3 in Equine Herpesvirus 1 Transfer between Peripheral Blood Mononuclear Cells and Endothelial Cells: a Dynamic <i>In Vitro</i> Model. <i>Journal of Virology</i> , 2015, 89, 11899-11908.	1.5	18
33	Equid herpesvirus type 4 uses a restricted set of equine major histocompatibility complex class I proteins as entry receptors. <i>Journal of General Virology</i> , 2014, 95, 1554-1563.	1.3	9
34	Zebra-borne equine herpesvirus type 1 (EHV-1) infection in non-African captive mammals. <i>Veterinary Microbiology</i> , 2014, 169, 102-106.	0.8	35
35	Equine herpesviruses type 1 (EHV-1) and 4 (EHV-4) are "Masters of co-evolution and a constant threat to equids and beyond. <i>Veterinary Microbiology</i> , 2013, 167, 123-134.	0.8	84
36	Glycoprotein H and β_1 Integrins Determine the Entry Pathway of Alphaherpesviruses. <i>Journal of Virology</i> , 2013, 87, 5937-5948.	1.5	25

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37	The Role of Equine Herpesvirus Type 4 Glycoprotein K in Virus Replication. <i>Viruses</i> , 2012, 4, 1258-1263.	1.5	1
38	Equine Herpesvirus Type 4 UL56 and UL49.5 Proteins Downregulate Cell Surface Major Histocompatibility Complex Class I Expression Independently of Each Other. <i>Journal of Virology</i> , 2012, 86, 8059-8071.	1.5	25
39	Preoperative endoscopic third ventriculostomy in children with posterior fossa tumors: an institution experience. <i>Turkish Neurosurgery</i> , 2012, 23, 359-65.	0.1	14
40	Glycoproteins D of Equine Herpesvirus Type 1 (EHV-1) and EHV-4 Determine Cellular Tropism Independently of Integrins. <i>Journal of Virology</i> , 2012, 86, 2031-2044.	1.5	40
41	Third International Havemeyer Workshop on Equine Herpesvirus <i>type 1</i>. <i>Equine Veterinary Journal</i> , 2012, 44, 513-517.	0.9	29
42	The role of secreted glycoprotein G of equine herpesvirus type 1 and type 4 (EHV-1 and EHV-4) in immune modulation and virulence. <i>Virus Research</i> , 2012, 169, 203-211.	1.1	8
43	The role of glycoprotein H of equine herpesviruses 1 and 4 (EHV-1 and EHV-4) in cellular host range and integrin binding. <i>Veterinary Research</i> , 2012, 43, 61.	1.1	12
44	In vitro characterization of EHV-4 gG-deleted mutant. <i>Virus Genes</i> , 2012, 44, 109-111.	0.7	2
45	Equine herpesvirus 4: Recent advances using BAC technology. <i>Veterinary Microbiology</i> , 2011, 150, 1-14.	0.8	10
46	Characterization of a thymidine kinase-deficient mutant of equine herpesvirus 4 and in vitro susceptibility of the virus to antiviral agents. <i>Antiviral Research</i> , 2010, 85, 389-395.	1.9	17
47	Glycoprotein C of equine herpesvirus 4 plays a role in viral binding to cell surface heparan sulfate. <i>Virus Research</i> , 2010, 151, 1-9.	1.1	27
48	Inhibition of Sphingosine Kinase by Bovine Viral Diarrhea Virus NS3 Is Crucial for Efficient Viral Replication and Cytopathogenesis. <i>Journal of Biological Chemistry</i> , 2009, 284, 13648-13659.	1.6	55
49	Cloning of the genome of equine herpesvirus 4 strain TH20p as an infectious bacterial artificial chromosome. <i>Archives of Virology</i> , 2009, 154, 833-842.	0.9	30
50	Activation of extracellular signal-regulated kinase in MDBK cells infected with bovine viral diarrhea virus. <i>Archives of Virology</i> , 2009, 154, 1499-1503.	0.9	6
51	Detection of a new bat gammaherpesvirus in the Philippines. <i>Virus Genes</i> , 2009, 39, 90-93.	0.7	30
52	Microarray analysis reveals distinct signaling pathways transcriptionally activated by infection with bovine viral diarrhea virus in different cell types. <i>Virus Research</i> , 2009, 142, 188-199.	1.1	20