Ali Mirazimi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8316438/publications.pdf

Version: 2024-02-01

121 papers	8,259 citations	57758 44 h-index	54911 84 g-index
140 all docs	140 docs citations	140 times ranked	13011 citing authors

#	Article	IF	Citations
1	Inhibition of SARS-CoV-2 Infections in Engineered Human Tissues Using Clinical-Grade Soluble Human ACE2. Cell, 2020, 181, 905-913.e7.	28.9	1,827
2	Human recombinant soluble ACE2 in severe COVID-19. Lancet Respiratory Medicine,the, 2020, 8, 1154-1158.	10.7	340
3	Nitric Oxide Inhibits the Replication Cycle of Severe Acute Respiratory Syndrome Coronavirus. Journal of Virology, 2005, 79, 1966-1969.	3.4	292
4	Taxonomy of the order Bunyavirales: update 2019. Archives of Virology, 2019, 164, 1949-1965.	2.1	285
5	Processing of Genome 5â€² Termini as a Strategy of Negative-Strand RNA Viruses to Avoid RIG-I-Dependent Interferon Induction. PLoS ONE, 2008, 3, e2032.	2.5	260
6	Mechanism of baricitinib supports artificial intelligenceâ€predicted testing in <scp>COVID</scp> â€19 patients. EMBO Molecular Medicine, 2020, 12, e12697.	6.9	229
7	Dysregulation in Akt/mTOR/HIF-1 signaling identified by proteo-transcriptomics of SARS-CoV-2 infected cells. Emerging Microbes and Infections, 2020, 9, 1748-1760.	6.5	221
8	Dual effect of nitric oxide on SARS-CoV replication: Viral RNA production and palmitoylation of the S protein are affected. Virology, 2009, 395, 1-9.	2.4	194
9	2020 taxonomic update for phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. Archives of Virology, 2020, 165, 3023-3072.	2.1	184
10	JAK inhibition reduces SARS-CoV-2 liver infectivity and modulates inflammatory responses to reduce morbidity and mortality. Science Advances, 2021, 7, .	10.3	176
11	Development and Potential Usefulness of the COVID-19 Ag Respi-Strip Diagnostic Assay in a Pandemic Context. Frontiers in Medicine, 2020, 7, 225.	2.6	171
12	Crimean-Congo hemorrhagic fever virus infection is lethal for adult type I interferon receptor-knockout mice. Journal of General Virology, 2010, 91, 1473-1477.	2.9	131
13	Taxonomy of the order Bunyavirales: second update 2018. Archives of Virology, 2019, 164, 927-941.	2.1	115
14	Human MxA Protein Inhibits the Replication of Crimean-Congo Hemorrhagic Fever Virus. Journal of Virology, 2004, 78, 4323-4329.	3.4	110
15	Human soluble ACE2 improves the effect of remdesivir in SARSâ€CoVâ€2 infection. EMBO Molecular Medicine, 2021, 13, e13426.	6.9	87
16	Development and deployment of a rapid recombinase polymerase amplification Ebola virus detection assay in Guinea in 2015. Eurosurveillance, 2015, 20, .	7.0	86
17	Interferon and cytokine responses to Crimean Congo hemorrhagic fever virus; an emerging and neglected viral zonoosis. Cytokine and Growth Factor Reviews, 2008, 19, 395-404.	7.2	84
18	Bombali Virus in Mops condylurus Bat, Kenya. Emerging Infectious Diseases, 2019, 25, 955-957.	4.3	79

#	Article	IF	Citations
19	Genetic analysis of crimean-congo hemorrhagic fever virus in Iran. Journal of Medical Virology, 2004, 73, 404-411.	5.0	78
20	Towards an understanding of the migration of Crimean-Congo hemorrhagic fever virus. Journal of General Virology, 2010, 91, 199-207.	2.9	76
21	Crimean-Congo hemorrhagic fever virus entry and replication is clathrin-, pH- and cholesterol-dependent. Journal of General Virology, 2009, 90, 210-215.	2.9	75
22	Immunization with DNA Plasmids Coding for Crimean-Congo Hemorrhagic Fever Virus Capsid and Envelope Proteins and/or Virus-Like Particles Induces Protection and Survival in Challenged Mice. Journal of Virology, 2017, 91, .	3.4	73
23	Structure of Crimean-Congo Hemorrhagic Fever Virus Nucleoprotein: Superhelical Homo-Oligomers and the Role of Caspase-3 Cleavage. Journal of Virology, 2012, 86, 12294-12303.	3.4	71
24	Monoclonal antibodies for the S2 subunit of spike of SARS-CoV-1 cross-react with the newly-emerged SARS-CoV-2. Eurosurveillance, 2020, 25, .	7.0	69
25	Healthy individualsâ€™ immune response to the Bulgarian Crimean-Congo hemorrhagic fever virus vaccine. Vaccine, 2012, 30, 6225-6229.	3.8	68
26	Organoid modeling of Zika and herpes simplex virus 1 infections reveals virus-specific responses leading to microcephaly. Cell Stem Cell, 2021, 28, 1362-1379.e7.	11.1	67
27	Diagnostic Assays for Crimean-Congo Hemorrhagic Fever. Emerging Infectious Diseases, 2012, 18, 1958-1965.	4.3	66
28	Crimean-Congo Hemorrhagic Fever Virus Activates Endothelial Cells. Journal of Virology, 2011, 85, 7766-7774.	3.4	65
29	Recent advances in research on Crimean-Congo hemorrhagic fever. Journal of Clinical Virology, 2015, 64, 137-143.	3.1	65
30	An Antibody against a Novel and Conserved Epitope in the Hemagglutinin 1 Subunit Neutralizes Numerous H5N1 Influenza Viruses. Journal of Virology, 2010, 84, 8275-8286.	3.4	64
31	Crimeanâ€Congo hemorrhagic fever virus delays activation of the innate immune response. Journal of Medical Virology, 2008, 80, 1397-1404.	5.0	62
32	2021 Taxonomic update of phylum Negarnaviricota (Riboviria: Orthornavirae), including the large orders Bunyavirales and Mononegavirales. Archives of Virology, 2021, 166, 3513-3566.	2.1	62
33	The Non-structural Protein of Crimean-Congo Hemorrhagic Fever Virus Disrupts the Mitochondrial Membrane Potential and Induces Apoptosis. Journal of Biological Chemistry, 2016, 291, 582-592.	3.4	61
34	Crimean Congo hemorrhagic fever virus infects human monocyte-derived dendritic cells. Virology, 2009, 390, 157-162.	2.4	60
35	Type I interferon inhibits Crimean-Congo hemorrhagic fever virus in human target cells. Journal of Medical Virology, 2006, 78, 216-222.	5.0	58
36	Inhibition of SARS-CoV replication cycle by small interference RNAs silencing specific SARS proteins, 7a/7b, 3a/3b and S. Antiviral Research, 2007, 73, 219-227.	4.1	58

#	Article	IF	Citations
37	Induction of Caspase Activation and Cleavage of the Viral Nucleocapsid Protein in Different Cell Types during Crimean-Congo Hemorrhagic Fever Virus Infection. Journal of Biological Chemistry, 2011, 286, 3227-3234.	3.4	57
38	Crimean-Congo Hemorrhagic Fever: Tick-Host-Virus Interactions. Frontiers in Cellular and Infection Microbiology, 2017, 7, 213.	3.9	56
39	ICTV Virus Taxonomy Profile: Nairoviridae. Journal of General Virology, 2020, 101, 798-799.	2.9	56
40	A Virus-Like Particle System Identifies the Endonuclease Domain of Crimean-Congo Hemorrhagic Fever Virus. Journal of Virology, 2015, 89, 5957-5967.	3.4	54
41	Nitric oxide and peroxynitrite have different antiviral effects against hantavirus replication and free mature virions. European Journal of Immunology, 2006, 36, 2649-2657.	2.9	53
42	Role of actin filaments in targeting of Crimean Congo hemorrhagic fever virus nucleocapsid protein to perinuclear regions of mammalian cells. Journal of Medical Virology, 2004, 72, 83-93.	5.0	52
43	Quantitative analysis of particles, genomes and infectious particles in supernatants of haemorrhagic fever virus cell cultures. Virology Journal, 2011, 8, 81.	3.4	50
44	Cell-type-resolved quantitative proteomics map of interferon response against SARS-CoV-2. IScience, 2021, 24, 102420.	4.1	50
45	A DNA-based vaccine protects against Crimean-Congo haemorrhagic fever virus disease in a Cynomolgus macaque model. Nature Microbiology, 2021, 6, 187-195.	13.3	49
46	Amiodarone and metabolite MDEA inhibit Ebola virus infection by interfering with the viral entry process. Pathogens and Disease, 2015, 73, .	2.0	48
47	Effect of Brefeldin A on Rotavirus Assembly and Oligosaccharide Processing. Virology, 1996, 217, 554-563.	2.4	45
48	Emerging Mosquito-Borne Threats and the Response from European and Eastern Mediterranean Countries. International Journal of Environmental Research and Public Health, 2018, 15, 2775.	2.6	45
49	Identification of lectin receptors for conserved SARSâ€CoVâ€2 glycosylation sites. EMBO Journal, 2021, 40, e108375.	7.8	44
50	The Molecular Chaperone Calnexin Interacts with the NSP4 Enterotoxin of Rotavirus In Vivo and In Vitro. Journal of Virology, 1998, 72, 8705-8709.	3.4	42
51	ACE2 is the critical in vivo receptor for SARS-CoV-2 in a novel COVID-19 mouse model with TNF- and IFNÎ³-driven immunopathology. ELife, 2022, 11, .	6.0	42
52	Encapsulation of rotavirus into poly(lactide-co-glycolide) microspheres. Journal of Controlled Release, 1999, 59, 377-389.	9.9	41
53	A diabetic milieu increases ACE2 expression and cellular susceptibility to SARS-CoV-2 infections in human kidney organoids and patient cells. Cell Metabolism, 2022, 34, 857-873.e9.	16.2	40
54	Biosafety standards for working with Crimean-Congo hemorrhagic fever virus. Journal of General Virology, 2016, 97, 2799-2808.	2.9	39

#	Article	IF	Citations
55	Microtubule-dependent and microtubule-independent steps in Crimean-Congo hemorrhagic fever virus replication cycle. Virology, 2009, 385, 313-322.	2.4	38
56	Basolateral Entry and Release of Crimean-Congo Hemorrhagic Fever Virus in Polarized MDCK-1 Cells. Journal of Virology, 2007, 81, 2158-2164.	3.4	37
57	SARS-CoV 9b Protein Diffuses into Nucleus, Undergoes Active Crm1 Mediated Nucleocytoplasmic Export and Triggers Apoptosis When Retained in the Nucleus. PLoS ONE, 2011, 6, e19436.	2.5	37
58	Carbohydrates Facilitate Correct Disulfide Bond Formation and Folding of Rotavirus VP7. Journal of Virology, 1998, 72, 3887-3892.	3.4	37
59	The SARS-CoV-2 N Protein Is a Good Component in a Vaccine. Journal of Virology, 2020, 94, .	3.4	35
60	Clinical grade <scp>ACE2</scp> as a universal agent to block <scp>SARSâ€CoV</scp> â€2 variants. EMBO Molecular Medicine, 2022, 14, .	6.9	35
61	Fiber-Optic Immunosensor for Detection of Crimean-Congo Hemorrhagic Fever IgG Antibodies in Patients. Analytical Chemistry, 2015, 87, 8394-8398.	6.5	34
62	Colorimetric Nucleic Acid Testing Assay for RNA Virus Detection Based on Circle-to-Circle Amplification of Padlock Probes. Journal of Clinical Microbiology, 2011, 49, 4279-4285.	3.9	33
63	Viral Hemorrhagic Fevers Other than Ebola and Lassa. Infectious Disease Clinics of North America, 2019, 33, 977-1002.	5.1	32
64	The Microbial Detection Array for Detection of Emerging Viruses in Clinical Samples - A Useful Panmicrobial Diagnostic Tool. PLoS ONE, 2014, 9, e100813.	2.5	31
65	Methods of Inactivation of Highly Pathogenic Viruses for Molecular, Serology or Vaccine Development Purposes. Pathogens, 2022, 11, 271.	2.8	31
66	First International External Quality Assessment of Molecular Detection of Crimean-Congo Hemorrhagic Fever Virus. PLoS Neglected Tropical Diseases, 2012, 6, e1706.	3.0	30
67	Digital Rolling Circle Amplificationâ€“Based Detection of Ebola and Other Tropical Viruses. Journal of Molecular Diagnostics, 2020, 22, 272-283.	2.8	30
68	Structure-guided glyco-engineering of ACE2 for improved potency as soluble SARS-CoV-2 decoy receptor. ELife, 2021, 10, .	6.0	29
69	Amino acids 15-28 in the ectodomain of SARS coronavirus 3a protein induces neutralizing antibodies. FEBS Letters, 2006, 580, 3799-3803.	2.8	28
70	Crimean-Congo Hemorrhagic Fever Virus, Greece. Emerging Infectious Diseases, 2014, 20, 288-290.	4.3	28
71	Serological and molecular study of Crimean-Congo Hemorrhagic Fever Virus in cattle from selected districts in Uganda. Journal of Virological Methods, 2021, 290, 114075.	2.1	28
72	A super-potent tetramerized ACE2 protein displays enhanced neutralization of SARS-CoV-2 virus infection. Scientific Reports, 2021, 11, 10617.	3.3	28

#	Article	IF	Citations
73	Laboratory management of Crimean-Congo haemorrhagic fever virus infections: perspectives from two European networks. Eurosurveillance, 2019, 24, .	7.0	27
74	A putative diacidic motif in the SARS-CoV ORF6 protein influences its subcellular localization and suppression of expression of co-transfected expression constructs. BMC Research Notes, 2011, 4, 446.	1.4	26
75	Generation of enzymatically competent SARSâ€CoVâ€2 decoy receptor ACE2â€Fc in glycoengineered Nicotiana benthamiana. Biotechnology Journal, 2021, 16, e2000566.	3.5	26
76	ATP Is Required for Correct Folding and Disulfide Bond Formation of Rotavirus VP7. Journal of Virology, 2000, 74, 8048-8052.	3.4	24
77	Nucleoside-Modified mRNA Vaccines Protect IFNAR ^{â€"/â€"} Mice against Crimean-Congo Hemorrhagic Fever Virus Infection. Journal of Virology, 2022, 96, JVI0156821.	3.4	24
78	Type-I interferon signatures in SARS-CoV-2 infected Huh7 cells. Cell Death Discovery, 2021, 7, 114.	4.7	23
79	Epitope-mapping of the glycoprotein from Crimean-Congo hemorrhagic fever virus using a microarray approach. PLoS Neglected Tropical Diseases, 2018, 12, e0006598.	3.0	22
80	In silico and in vitro studies reveal complement system drives coagulation cascade in SARS-CoV-2 pathogenesis. Computational and Structural Biotechnology Journal, 2020, 18, 3734-3744.	4.1	22
81	Novel Broad-Spectrum Antiviral Inhibitors Targeting Host Factors Essential for Replication of Pathogenic RNA Viruses. Viruses, 2020, 12, 1423.	3.3	22
82	Rapid Bedside Inactivation of Ebola Virus for Safe Nucleic Acid Tests. Journal of Clinical Microbiology, 2016, 54, 2521-2529.	3.9	21
83	Biosafety Level-4 Laboratories in Europe: Opportunities for Public Health, Diagnostics, and Research. PLoS Pathogens, 2013, 9, e1003105.	4.7	19
84	Crimeanâ€"Congo haemorrhagic fever replication interplays with regulation mechanisms of apoptosis. Journal of General Virology, 2015, 96, 538-546.	2.9	19
85	A one-step multiplex real-time RT-PCR for the universal detection of all currently known CCHFV genotypes. Journal of Virological Methods, 2018, 255, 38-43.	2.1	19
86	Protective role of host aquaporin 6 against Hazara virus, a model for Crimeanâ€"Congo hemorrhagic fever virus infection. FEMS Microbiology Letters, 2016, 363, fnw058.	1.8	17
87	SARS coronavirus 8b reduces viral replication by down-regulating E via an ubiquitin-independent proteasome pathway. Microbes and Infection, 2011, 13, 179-188.	1.9	16
88	The New Generation hDHODH Inhibitor MEDS433 Hinders the In Vitro Replication of SARS-CoV-2 and Other Human Coronaviruses. Microorganisms, 2021, 9, 1731.	3.6	16
89	Free thiol groups are essential for infectivity of human cytomegalovirus. Journal of General Virology, 1999, 80, 2861-2865.	2.9	15
90	A new panel of NS1 antibodies for easy detection and titration of influenza A virus. Journal of Medical Virology, 2010, 82, 467-475.	5.0	15

#	Article	IF	Citations
91	Production, purification and immunogenicity of recombinant Ebola virus proteins â˜ A comparison of Freundâ€™s adjuvant and adjuvant system 03. Journal of Virological Methods, 2017, 242, 35-45.	2.1	15
92	Overexpression of the nucleocapsid protein of Middle East respiratory syndrome coronavirus up-regulates CXCL10. Bioscience Reports, 2018, 38, .	2.4	15
93	Broadly Active Antiviral Compounds Disturb Zika Virus Progeny Release Rescuing Virus-Induced Toxicity in Brain Organoids. Viruses, 2021, 13, 37.	3.3	15
94	In situ rolling circle amplification detection of Crimean Congo hemorrhagic fever virus (CCHFV) complementary and viral RNA. Virology, 2012, 426, 87-92.	2.4	14
95	Development and Evaluation of a Real-Time RT-qPCR for Detection of Crimean-Congo Hemorrhagic Fever Virus Representing Different Genotypes. Vector-Borne and Zoonotic Diseases, 2014, 14, 870-872.	1.5	14
96	Molecular biology and pathogenesis of Crimeanâ€“Congo hemorrhagic fever virus. Future Virology, 2010, 5, 469-479.	1.8	12
97	Multi-omics insights into host-viral response and pathogenesis in Crimean-Congo hemorrhagic fever viruses for novel therapeutic target. ELife, 2022, 11, .	6.0	12
98	A cytoplasmic region of the NSP4 enterotoxin of rotavirus is involved in retention in the endoplasmic reticulum. Journal of General Virology, 2003, 84, 875-883.	2.9	11
99	Perturbation of Wound Healing, Cytoskeletal Organization and Cellular Protein Networks during Hazara Virus Infection. Frontiers in Cell and Developmental Biology, 2017, 5, 98.	3.7	11
100	Geographical Variability Affects CCHFV Detection by RTâ€“PCR: A Tool for In-Silico Evaluation of Molecular Assays. Viruses, 2019, 11, 953.	3.3	10
101	Cynarin blocks Ebola virus replication by counteracting VP35 inhibition of interferon-beta production. Antiviral Research, 2022, 198, 105251.	4.1	9
102	Sheep and Cattle Are Not Susceptible to Experimental Inoculation with Hazara Orthonairovirus, a Tick-Borne Arbovirus Closely Related to CCHFV. Microorganisms, 2020, 8, 1927.	3.6	8
103	Experimental Challenge of Sheep and Cattle with Dugbe Orthonairovirus, a Neglected African Arbovirus Distantly Related to CCHFV. Viruses, 2021, 13, 372.	3.3	8
104	Diagnosis and Pathogenesis of Nairobi Sheep Disease Orthonairovirus Infections in Sheep and Cattle. Viruses, 2021, 13, 1250.	3.3	8
105	Virus-Derived DNA Forms Mediate the Persistent Infection of Tick Cells by Hazara Virus and Crimean-Congo Hemorrhagic Fever Virus. Journal of Virology, 2021, 95, e0163821.	3.4	7
106	Ebola virus disease: societal challenges and new treatments. Journal of Internal Medicine, 2015, 278, 227-237.	6.0	6
107	The DEVD motif of Crimean-Congo hemorrhagic fever virus nucleoprotein is essential for viral replication in tick cells. Emerging Microbes and Infections, 2018, 7, 1-5.	6.5	6
108	Presence of antibodies to Crimean Congo haemorrhagic fever virus in sheep in Tunisia, North Africa. Veterinary Medicine and Science, 2021, 7, 2323-2329.	1.6	6

#	Article	IF	Citations
109	ISG15 overexpression compensates the defect of Crimean-Congo hemorrhagic fever virus polymerase bearing a protease-inactive ovarian tumor domain. PLoS Neglected Tropical Diseases, 2020, 14, e0008610.	3.0	5
110	Hazara virus and Crimean-Congo Hemorrhagic Fever Virus show a different pattern of entry in fully-polarized Caco-2 cell line. PLoS Neglected Tropical Diseases, 2020, 14, e0008863.	3.0	5
111	Development of a Multivalent Kunjin Virus Reporter Virus-Like Particle System Inducing Seroconversion for Ebola and West Nile Virus Proteins in Mice. Microorganisms, 2020, 8, 1890.	3.6	4
112	Identification and validation of internal reference genes for real-time quantitative polymerase chain reaction-based studies in Hyalomma anatolicum ticks. Ticks and Tick-borne Diseases, 2020, 11, 101417.	2.7	4
113	Cranberry (Vaccinium macrocarpon) Extract Impairs Nairovirus Infection by Inhibiting the Attachment to Target Cells. Pathogens, 2021, 10, 1025.	2.8	4
114	European Perspective of 2-Person Rule for Biosafety Level 4 Laboratories. Emerging Infectious Diseases, 2009, 15, 1858a-1860.	4.3	3
115	Networking for BSL-3/4 laboratory scientist training. Nature Reviews Microbiology, 2009, 7, 756-756.	28.6	3
116	Amiodarone increases positive-strand RNA virus replicationin vitro: implications for its use in patients with viral infections: Table 1.. Journal of Antimicrobial Chemotherapy, 2016, 71, 280-281.	3.0	3
117	Treatment of Crimean-Congo Hemorrhagic Fever. , 2007, , 245-269.		3
118	Comparison of Zaire ebolavirus realtime RT-PCRs targeting the nucleoprotein gene. Journal of Virological Methods, 2020, 284, 113941.	2.1	2
119	Laboratory Biosafety in Containment Laboratories. , 2013, , 5-12.		1
120	Molecular and serological findings in suspected patients with Crimeanâ€Congo hemorrhagic fever virus in Iran. Journal of Medical Virology, 2015, 87, 686-693.	5.0	1
121	Iatrogenic immunosuppression can lead to prolonged viral shedding and absent immune response to COVIDâ€19. Acta Paediatrica, International Journal of Paediatrics, 2021, 110, 2810-2811.	1.5	1