Branka Horvat

List of Publications by Year
in descending order

86 papers	3,374 citations	109321 35 h-index	175258 52 g-index
126 all docs	126 docs citations	126 times ranked	4307 citing authors

#	Article	IF	Citations
1	Distinct antibody responses to SARS-CoV-2 in children and adults across the COVID-19 clinical spectrum. Nature Immunology, 2021, 22, 25-31.	14.5	403
2	Linking innate and acquired immunity: divergent role of CD46 cytoplasmic domains in T cellâ€"induced inflammation. Nature Immunology, 2002, 3, 659-666.	14.5	159
3	Mechanism of Measles Virusâ€"Induced Suppression of Inflammatory Immune Responses. Immunity, 2001, 14, 69-79.	14.3	128
4	Acute Hendra virus infection: Analysis of the pathogenesis and passive antibody protection in the hamster model. Virology, 2009, 387, 459-465.	2.4	99
5	Nipah Virus Uses Leukocytes for Efficient Dissemination within a Host. Journal of Virology, 2011, 85, 7863-7871.	3.4	86
6	iNKT cell development is orchestrated by different branches of TGF-Î² signaling. Journal of Experimental Medicine, 2009, 206, 1365-1378.	8.5	81
7	Protection Against Henipavirus Infection by Use of Recombinant Adeno-Associated Virusâ€"Vector Vaccines. Journal of Infectious Diseases, 2013, 207, 469-478.	4.0	72
8	Immunosuppression caused by measles virus: role of viral proteins. Reviews in Medical Virology, 2006, 16, 49-63.	8.3	67
9	A General Strategy to Endow Natural Fusion-protein-Derived Peptides with Potent Antiviral Activity. PLoS ONE, 2012, 7, e36833.	2.5	67
10	Type I Interferon Signaling Protects Mice From Lethal Henipavirus Infection. Journal of Infectious Diseases, 2013, 207, 142-151.	4.0	62
11	Experimental Infection of Squirrel Monkeys with Nipah Virus. Emerging Infectious Diseases, 2010, 16, 507-510.	4.3	60
12	Human Herpesvirus 6A Infection in CD46 Transgenic Mice: Viral Persistence in the Brain and Increased Production of Proinflammatory Chemokines via Toll-Like Receptor 9. Journal of Virology, 2014, 88, 5421-5436.	3.4	60
13	Fatal Measles Virus Infection Prevented by Brain-Penetrant Fusion Inhibitors. Journal of Virology, 2013, 87, 13785-13794.	3.4	58
14	Nonstructural Nipah Virus C Protein Regulates both the Early Host Proinflammatory Response and Viral Virulence. Journal of Virology, 2012, 86, 10766-10775.	3.4	57
15	Evidence of the pathogenic HERV-W envelope expression in T lymphocytes in association with the respiratory outcome of COVID-19 patients. EBioMedicine, 2021, 66, 103341.	6.1	57
16	Transgenic expression of a CD46 (membrane cofactor protein) minigene: Studies of xenotransplantation and measles virus infection. European Journal of Immunology, 1997, 27, 726-734.	2.9	56
17	Mechanism for Active Membrane Fusion Triggering by Morbillivirus Attachment Protein. Journal of Virology, 2013, 87, 314-326.	3.4	54
18	Measles Encephalitis: Towards New Therapeutics. Viruses, 2019, 11, 1017.	3.3	54

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19	Cell Surface Delivery of the Measles Virus Nucleoprotein: a Viral Strategy To Induce Immunosuppression. Journal of Virology, 2004, 78, 11952-11961.	3.4	50
20	Evaluation of Adenovirus Vectors Containing Serotype 35 Fibers for Vaccination. Molecular Therapy, 2006, 13, 756-765.	8.2	50
21	Lethal Nipah Virus Infection Induces Rapid Overexpression of CXCL10. PLoS ONE, 2012, 7, e32157.	2.5	49
22	HSP90 Chaperoning in Addition to Phosphoprotein Required for Folding but Not for Supporting Enzymatic Activities of Measles and Nipah Virus L Polymerases. Journal of Virology, 2016, 90, 6642-6656.	3.4	49
23	Octamerization Enables Soluble CD46 Receptor To Neutralize Measles Virus In Vitro and In Vivo. Journal of Virology, 2000, 74, 4672-4678.	3.4	47
24	Measles Fusion Machinery Is Dysregulated in Neuropathogenic Variants. MBio, 2015, 6, .	4.1	45
25	Broad spectrum antiviral activity for paramyxoviruses is modulated by biophysical properties of fusion inhibitory peptides. Scientific Reports, 2017, 7, 43610.	3.3	45
26	Fusion Inhibitory Lipopeptides Engineered for Prophylaxis of Nipah Virus in Primates. Journal of Infectious Diseases, 2018, 218, 218-227.	4.0	45
27	Immunomodulatory Properties of Morbillivirus Nucleoproteins. Viral Immunology, 2006, 19, 324-334.	1.3	43
28	Induction of Proinflammatory Multiple Sclerosis-Associated Retrovirus Envelope Protein by Human Herpesvirus-6A and CD46 Receptor Engagement. Frontiers in Immunology, 2018, 9, 2803.	4.8	43
29	Measles Virus Infection Induces Terminal Differentiation of Human Thymic Epithelial Cells. Journal of Virology, 1999, 73, 2212-2221.	3.4	43
30	Generation of mice with conditionally activated transforming growth factor beta signaling through the TÎ²RI/ALK5 receptor. Genesis, 2008, 46, 724-731.	1.6	42
31	Productive Measles Virus Brain Infection and Apoptosis in CD46 Transgenic Mice. Journal of Virology, 2000, 74, 1373-1382.	3.4	41
32	High Pathogenicity of Wild-Type Measles Virus Infection in CD150 (SLAM) Transgenic Mice. Journal of Virology, 2006, 80, 6420-6429.	3.4	41
33	Quercetin Blocks Ebola Virus Infection by Counteracting the VP24 Interferon-Inhibitory Function. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	41
34	<i>In Vivo</i> Efficacy of Measles Virus Fusion Protein-Derived Peptides Is Modulated by the Properties of Self-Assembly and Membrane Residence. Journal of Virology, 2017, 91, .	3.4	40
35	Measles Virus Nucleoprotein Induces a Regulatory Immune Response and Reduces Atherosclerosis in Mice. Circulation, 2007, 116, 1707-1713.	1.6	38
36	Hamster organotypic modeling of SARS-CoV-2 lung and brainstem infection. Nature Communications, 2021, 12, 5809.	12.8	37

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37	Interplay between Virus-Specific Effector Response and Foxp3+ Regulatory T Cells in Measles Virus Immunopathogenesis. PLoS ONE, 2009, 4, e4948.	2.5	35
38	Henipavirus pathogenesis and antiviral approaches. Expert Review of Anti-Infective Therapy, 2015, 13, 343-354.	4.4	34
39	Production of interleukin 2 and interleukin 4 by immune CD4âˆ'CD8+ and their role in the generation of antigen-specific cytotoxic T cells. European Journal of Immunology, 1991, 21, 1863-1871.	2.9	32
40	Tumour cell proliferation is abolished by inhibitors of and exchange. European Journal of Cancer, 1993, 29, 132-137.	2.8	32
41	Somatostatin increases mitogen-induced IL-2 secretion and proliferation of human jurkat T cells via sst3 receptor isotype. , 1998, 68, 62-73.		31
42	PolyI:C plus ILâ€2 or ILâ€12 induce IFNâ€Î³ production by human NK cells <i>via</i> autocrine IFNâ€Î². European Journal of Immunology, 2009, 39, 2877-2884.	2.9	31
43	Recent advances in the understanding of Nipah virus immunopathogenesis and anti-viral approaches. F1000Research, 2019, 8, 1763.	1.6	30
44	Wild type measles virus attenuation independent of type I IFN. Virology Journal, 2008, 5, 22.	3.4	28
45	Henipavirus Infections: Lessons from Animal Models. Pathogens, 2013, 2, 264-287.	2.8	28
46	Enhanced MHC class II-restricted presentation of measles virus (MV) hemagglutinin in transgenic mice expressing human MV receptor CD46. European Journal of Immunology, 1998, 28, 1301-1314.	2.9	26
47	Heparan Sulfate-Dependent Enhancement of Henipavirus Infection. MBio, 2015, 6, e02427.	4.1	26
48	Animal models for human herpesvirus 6 infection. Frontiers in Microbiology, 2013, 4, 174.	3.5	25
49	Analysis of a Subacute Sclerosing Panencephalitis Genotype B3 Virus from the 2009-2010 South African Measles Epidemic Shows That Hyperfusogenic F Proteins Contribute to Measles Virus Infection in the Brain. Journal of Virology, 2019, 93, .	3.4	25
50	Activation of cGAS/STING pathway upon paramyxovirus infection. IScience, 2021, 24, 102519.	4.1	25
51	Measles Virus Bearing Measles Inclusion Body Encephalitis-Derived Fusion Protein Is Pathogenic after Infection via the Respiratory Route. Journal of Virology, 2019, 93, .	3.4	24
52	Molecular Features of the Measles Virus Viral Fusion Complex That Favor Infection and Spread in the Brain. MBio, 2021, 12, e0079921.	4.1	24
53	Coâ€circulation of multiple measles virus genotypes during an epidemic in France in 2008. Journal of Medical Virology, 2010, 82, 1033-1043.	5.0	23
54	Molecular characterization of measles virus strains causing subactute sclerosing panencephalitis in France in 1977 and 2007. Journal of Medical Virology, 2011, 83, 1614-1623.	5.0	23

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55	Understanding the interaction between henipaviruses and their natural host, fruit bats: Paving the way toward control of highly lethal infection in humans. International Reviews of Immunology, 2017, 36, 108-121.	3.3	22
56	Type I Interferon Receptor Signaling Drives Selective Permissiveness of Astrocytes and Microglia to Measles Virus during Brain Infection. Journal of Virology, 2019, 93, .	3.4	22
57	The V Protein of Tioman Virus Is Incapable of Blocking Type I Interferon Signaling in Human Cells. PLoS ONE, 2013, 8, e53881.	2.5	21
58	Identification of a Region in the Common Amino-terminal Domain of Hendra Virus P, V, and W Proteins Responsible for Phase Transition and Amyloid Formation. Biomolecules, 2021, 11, 1324.	4.0	20
59	Rapid Screening for Entry Inhibitors of Highly Pathogenic Viruses under Low-Level Biocontainment. PLoS ONE, 2012, 7, e30538.	2.5	19
60	Influence of measles vaccination on the progression of atopic dermatitis in infants. Pediatric Allergy and Immunology, 2007, 18, 385-390.	2.6	18
61	Control of Nipah Virus Infection in Mice by the Host Adaptors Mitochondrial Antiviral Signaling Protein (MAVS) and Myeloid Differentiation Primary Response 88 (MyD88). Journal of Infectious Diseases, 2020, 221, S401-S406.	4.0	16
62	Human Endogenous Retrovirus Type W Envelope from Multiple Sclerosis Demyelinating Lesions Shows Unique Solubility and Antigenic Characteristics. Virologica Sinica, 2021, 36, 1006-1026.	3.0	16
63	Human Herpesvirus 6 and Neuroinflammation. ISRN Virology, 2013, 2013, 1-11.	0.5	16
64	Recent developments in animal models for human herpesvirus 6A and 6B. Current Opinion in Virology, 2014, 9, 97-103.	5.4	15
65	Protection from Hendra virus infection with Canarypox recombinant vaccine. Npj Vaccines, 2016, 1, 16003.	6.0	15
66	Measles virus hemagglutinin triggers intracellular signaling in CD150-expressing dendritic cells and inhibits immune response. Cellular and Molecular Immunology, 2016, 13, 828-838.	10.5	15
67	Measles virus infection of human keratinocytes: Possible link between measles and atopic dermatitis. Journal of Dermatological Science, 2017, 86, 97-105.	1.9	15
68	Differential permissivity to measles virus infection of human and CD46-transgenic murine lymphocytes. Journal of General Virology, 2001, 82, 2125-2129.	2.9	14
69	High Pathogenicity of Nipah Virus from<i>Pteropus lylei</i>Fruit Bats, Cambodia. Emerging Infectious Diseases, 2020, 26, 104-113.	4.3	12
70	A Bioluminescent 3CLPro Activity Assay to Monitor SARS-CoV-2 Replication and Identify Inhibitors. Viruses, 2021, 13, 1814.	3.3	12
71	Expression of CD150 in Tumors of the Central Nervous System: Identification of a Novel Isoform. PLoS ONE, 2015, 10, e0118302.	2.5	11
72	Fruit bats as natural reservoir of highly pathogenic henipaviruses: balance between antiviral defense and viral tolerance. Current Opinion in Virology, 2022, 54, 101228.	5.4	11

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73	Organotypic Brain Cultures: A Framework for Studying CNS Infection by Neurotropic Viruses and Screening Antiviral Drugs. Bio-protocol, 2017, 7, e2605.	0.4	10
74	Nipah virus W protein harnesses nuclear 14-3-3 to inhibit NF-Î°B-induced proinflammatory response. Communications Biology, 2021, 4, 1292.	4.4	9
75	Reprogrammed Pteropus Bat Stem Cells as A Model to Study Host-Pathogen Interaction during Henipavirus Infection. Microorganisms, 2021, 9, 2567.	3.6	7
76	Somatostatin-dependent adenylyl cyclase activity in nonactivated and mitogen-activated human T cells: Evidence for uncoupling of sst3 receptor from adenylyl cyclase. , 1999, 72, 221-231.		5
77	Highly Potent Host-Specific Small-Molecule Inhibitor of Paramyxovirus and Pneumovirus Replication with High Resistance Barrier. MBio, 2021, 12, e0262121.	4.1	5
78	The role of contrasuppression in tumor regression. Immunologic Research, 1988, 7, 12-22.	2.9	4
79	Contrasuppression and tumor rejection. Immunology Letters, 1987, 16, 297-303.	2.5	3
80	Animal models for the study of emerging zoonotic viruses: Nipah and Hendra. Veterinary Journal, 2009, 181, 207-208.	1.7	3
81	Recent challenges in understanding Henipavirus immunopathogenesis: role of nonstructural viral proteins. Future Virology, 2014, 9, 527-530.	1.8	3
82	Sequencing the Genome of Indian Flying Fox, Natural Reservoir of Nipah Virus, Using Hybrid Assembly and Conservative Secondary Scaffolding. Frontiers in Microbiology, 2020, 11, 1807.	3.5	3
83	Single-chain variable fragment antibody constructs neutralize measles virus infection in vitro and in vivo. Cellular and Molecular Immunology, 2021, 18, 1835-1837.	10.5	3
84	Rapid and Flexible Platform To Assess Anti-SARS-CoV-2 Antibody Neutralization and Spike Protein-Specific Antivirals. MSphere, 2021, 6, e0057121.	2.9	2
85	The role of contrasuppressor T cells in the adoptive transfer of contact sensitivity responses to picryl chloride. Immunologic Research, 1988, 7, 1-11.	2.9	1
86	First Evidence of Pathogenic HERV-W Envelope Expression in T Lymphocytes in Association with the Respiratory Outcome of COVID-19 Patients. SSRN Electronic Journal, 0, , .	0.4	0