

Serena Delbue

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

2,100
citations

257450

24
h-index

315739

38
g-index

110
all docs

110
docs citations

110
times ranked

2883
citing authors

#	ARTICLE	IF	CITATIONS
1	The Use of Antimalarial Drugs against Viral Infection. <i>Microorganisms</i> , 2020, 8, 85.	3.6	128
2	Expression of Human Neurotropic Polyomavirus JCV Late Gene Product Agnoprotein in Human Medulloblastoma. <i>Journal of the National Cancer Institute</i> , 2002, 94, 267-273.	6.3	121
3	HHV8 a subtype is associated with rapidly evolving classic Kaposi's sarcoma. <i>Journal of Medical Virology</i> , 2008, 80, 2153-2160.	5.0	61
4	Administration of aerosolized SARS-CoV-2 to K18-hACE2 mice uncouples respiratory infection from fatal neuroinvasion. <i>Science Immunology</i> , 2022, 7, .	11.9	61
5	Postinfectious neurologic syndromes. <i>Neurology</i> , 2013, 80, 882-889.	1.1	57
6	A Review on JC Virus Infection in Kidney Transplant Recipients. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-7.	3.3	54
7	Increased prevalence of varicella zoster virus DNA in cerebrospinal fluid from patients with multiple sclerosis. <i>Journal of Medical Virology</i> , 2007, 79, 192-199.	5.0	53
8	Presence and expression of JCV early gene large T Antigen in the brains of immunocompromised and immunocompetent individuals. <i>Journal of Medical Virology</i> , 2008, 80, 2147-2152.	5.0	53
9	Cerebrospinal fluid miRNA profile in HIV encephalitis. <i>Journal of Cellular Physiology</i> , 2013, 228, 1070-1075.	4.1	53
10	Presence, quantitation and characterization of JC virus in the urine of Italian immunocompetent subjects. <i>Journal of Medical Virology</i> , 2007, 79, 408-412.	5.0	49
11	Review on the role of the human Polyomavirus JC in the development of tumors. <i>Infectious Agents and Cancer</i> , 2017, 12, 10.	2.6	46
12	Molecular Analysis of JC Virus Genotypes Circulating Among the Italian Healthy Population. <i>Journal of NeuroVirology</i> , 2003, 9, 559-566.	2.1	45
13	Detection of viral DNA sequences in the cerebrospinal fluid of patients with multiple sclerosis. <i>Journal of Medical Virology</i> , 2010, 82, 1051-1057.	5.0	44
14	A case of a progressive multifocal leukoencephalopathy patient with four different JC virus transcriptional control region rearrangements in cerebrospinal fluid, blood, serum, and urine. <i>Journal of NeuroVirology</i> , 2005, 11, 51-57.	2.1	42
15	JC virus viremia in interferon- β treated and untreated Italian multiple sclerosis patients and healthy controls. <i>Journal of NeuroVirology</i> , 2007, 13, 73-77.	2.1	37
16	Mutations in the external loops of BK virus VP1 and urine viral load in renal transplant recipients. <i>Journal of Cellular Physiology</i> , 2010, 222, 195-199.	4.1	34
17	JC virus load in cerebrospinal fluid and transcriptional control region rearrangements may predict the clinical course of progressive multifocal leukoencephalopathy. <i>Journal of Cellular Physiology</i> , 2012, 227, 3511-3517.	4.1	33
18	High frequency of Merkel cell polyomavirus DNA in the urine of kidney transplant recipients and healthy controls. <i>Journal of Clinical Virology</i> , 2014, 61, 565-570.	3.1	33

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19	Distribution, characterization and significance of polyomavirus genomic sequences in tumors of the brain and its covering. <i>Journal of Medical Virology</i> , 2005, 77, 447-454.	5.0	31
20	First Identification and Molecular Characterization of Lymphotropic Polyomavirus in Peripheral Blood from Patients with Leukoencephalopathies. <i>Journal of Clinical Microbiology</i> , 2008, 46, 2461-2462.	3.9	30
21	JC virus VP1 loop-specific polymorphisms are associated with favorable prognosis for progressive multifocal leukoencephalopathy. <i>Journal of NeuroVirology</i> , 2009, 15, 51-56.	2.1	30
22	Adoptive Transfer of JC Virus-Specific T Lymphocytes for the Treatment of Progressive Multifocal Leukoencephalopathy. <i>Annals of Neurology</i> , 2021, 89, 769-779.	5.3	30
23	BK virus associated meningoencephalitis in an AIDS patient treated with HAART. <i>AIDS Research and Therapy</i> , 2007, 4, 13.	1.7	29
24	Lymphotropic Polyomavirus is detected in peripheral blood from immunocompromised and healthy subjects. <i>Journal of Clinical Virology</i> , 2010, 47, 156-160.	3.1	26
25	Polymorphisms of the BK virus subtypes and their influence on viral in vitro growth efficiency. <i>Virus Research</i> , 2010, 149, 190-196.	2.2	26
26	Upregulation of integrin expression on monocytes in multiple sclerosis patients treated with natalizumab. <i>Journal of Neuroimmunology</i> , 2015, 287, 76-79.	2.3	26
27	JC virus urinary excretion and seroprevalence in natalizumab-treated multiple sclerosis patients. <i>Journal of NeuroVirology</i> , 2015, 21, 645-652.	2.1	26
28	Design and development of plastic antibodies against SARS-CoV-2 RBD based on molecularly imprinted polymers that inhibit in vitro virus infection. <i>Nanoscale</i> , 2021, 13, 16885-16899.	5.6	26
29	Analysis of CCR5, CCR2, SDF1 and RANTES gene polymorphisms in subjects with HIV-related PML and not determined leukoencephalopathy. <i>Biomedicine and Pharmacotherapy</i> , 2008, 62, 26-30.	5.6	24
30	The JCPYV DNA load inversely correlates with the viral microRNA expression in blood and cerebrospinal fluid of patients at risk of PML. <i>Journal of Clinical Virology</i> , 2015, 70, 1-6.	3.1	23
31	Incidence, risk factors, and outcome of BK polyomavirus infection after kidney transplantation. <i>World Journal of Clinical Cases</i> , 2019, 7, 270-290.	0.8	23
32	The Obesity-Related Gut Bacterial and Viral Dysbiosis Can Impact the Risk of Colon Cancer Development. <i>Microorganisms</i> , 2020, 8, 431.	3.6	23
33	Polyomavirus BK and prostate cancer: an unworthy scientific effort?. <i>Oncoscience</i> , 2014, 1, 296-303.	2.2	23
34	Human Polyomaviruses: The Battle of Large and Small Tumor Antigens. <i>Virology: Research and Treatment</i> , 2017, 8, 1178122X1774478.	3.5	22
35	When the COVID-19 Pandemic Surges during Influenza Season: Lessons Learnt from the Sentinel Laboratory-Based Surveillance of Influenza-Like Illness in Lombardy during the 2019-2020 Season. <i>Viruses</i> , 2021, 13, 695.	3.3	22
36	Polyomavirus BK and prostate cancer: a complex interaction of potential clinical relevance. <i>Reviews in Medical Virology</i> , 2015, 25, 366-378.	8.3	21

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37	Evidence supporting the association of polyomavirus BK genome with prostate cancer. <i>Medical Microbiology and Immunology</i> , 2013, 202, 425-430.	4.8	20
38	Latent viral infections in young patients with inflammatory diseases treated with biological agents: Prevalence of JC virus genotype 2. <i>Journal of Medical Virology</i> , 2013, 85, 716-722.	5.0	20
39	Oxidative Inactivation of SARS-CoV-2 on Photoactive AgNPs@TiO ₂ Ceramic Tiles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8836.	4.1	20
40	HIV-Tat promotes cellular proliferation and inhibits NGF-induced differentiation through mechanisms involving Id1 regulation. <i>Oncogene</i> , 2004, 23, 7701-7711.	5.9	19
41	Investigation of polyomaviruses replication in pediatric patients with nephropathy receiving rituximab. <i>Journal of Medical Virology</i> , 2012, 84, 1464-1470.	5.0	19
42	Detection of herpesvirus-6A in a case of subacute cerebellitis and myoclonic dystonia. <i>Journal of Medical Virology</i> , 2005, 75, 427-429.	5.0	17
43	Isolation of SARS-CoV-2 strains carrying a nucleotide mutation, leading to a stop codon in the ORF 6 protein. <i>Emerging Microbes and Infections</i> , 2021, 10, 252-255.	6.5	17
44	Analysis of JC Virus Genotype Distribution and Transcriptional Control Region Rearrangements in Human Immunodeficiency Virus-Positive Progressive Multifocal Leukoencephalopathy Patients with and without Highly Active Antiretroviral Treatment. <i>Journal of NeuroVirology</i> , 2003, 9, 42-46.	2.1	16
45	Molecular epidemiology of <scp>JCV</scp> genotypes in patients and healthy subjects from Northern Italy. <i>Journal of Medical Virology</i> , 2013, 85, 1286-1292.	5.0	16
46	Natalizumab treatment of multiple sclerosis: new insights. <i>Immunotherapy</i> , 2017, 9, 157-171.	2.0	16
47	Systematic review of ablative therapy for the treatment of renal allograft neoplasms. <i>World Journal of Clinical Cases</i> , 2019, 7, 2487-2504.	0.8	16
48	Myelin basic protein-specific T lymphocytes proliferation and programmed cell death in demyelinating diseases. <i>Clinical Immunology</i> , 2008, 129, 509-517.	3.2	15
49	Review on the Relationship between Human Polyomaviruses-Associated Tumors and Host Immune System. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-10.	3.3	15
50	Generation of tumor-specific cytotoxic T-lymphocytes from the peripheral blood of colorectal cancer patients for adoptive T-cell transfer. <i>Journal of Cellular Physiology</i> , 2015, 230, 1457-1465.	4.1	15
51	Diagnostic assays for polyomavirus JC and progressive multifocal leukoencephalopathy. <i>Reviews in Medical Virology</i> , 2016, 26, 102-114.	8.3	15
52	Antibody response to polyomavirus primary infection: high seroprevalence of Merkel cell polyomavirus and lymphoid tissue involvement. <i>Journal of NeuroVirology</i> , 2018, 24, 314-322.	2.1	15
53	BK Polyomavirus MicroRNA Levels in Exosomes Are Modulated by Non-Coding Control Region Activity and Down-Regulate Viral Replication When Delivered to Non-Infected Cells Prior to Infection. <i>Viruses</i> , 2018, 10, 466.	3.3	15
54	Human Endogenous Retroviruses Long Terminal Repeat Methylation, Transcription, and Protein Expression in Human Colon Cancer. <i>Frontiers in Oncology</i> , 2020, 10, 569015.	2.8	15

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55	Human leukocyte antigen distribution analysis in North Italian brain Glioma patients: an association with HLA-DRB1*14. <i>Journal of Neuro-Oncology</i> , 2006, 77, 213-217.	2.9	14
56	JC virus infection is acquired very early in life: evidence from a longitudinal serological study. <i>Journal of NeuroVirology</i> , 2017, 23, 99-105.	2.1	14
57	Particulate matter exposure increases JC polyomavirus replication in the human host. <i>Environmental Pollution</i> , 2018, 241, 234-239.	7.5	14
58	Extracellular Vesicles Released by Colorectal Cancer Cell Lines Modulate Innate Immune Response in Zebrafish Model: The Possible Role of Human Endogenous Retroviruses. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3669.	4.1	14
59	SARS-CoV-2 infection among asymptomatic homebound subjects in Milan, Italy. <i>European Journal of Internal Medicine</i> , 2020, 78, 161-163.	2.2	14
60	Review of West Nile virus epidemiology in Italy and report of a case of West Nile virus encephalitis. <i>Journal of NeuroVirology</i> , 2014, 20, 437-441.	2.1	13
61	Epstein-Barr Virus Specific Antibody Response in Multiple Sclerosis Patients during 21 Months of Natalizumab Treatment. <i>Disease Markers</i> , 2015, 2015, 1-5.	1.3	13
62	Human polyomavirus 6 DNA in the cerebrospinal fluid of an HIV-positive patient with leukoencephalopathy. <i>Journal of Clinical Virology</i> , 2015, 68, 24-27.	3.1	12
63	Oncogenic Virome Benefits from the Different Vaginal Microbiome-Immune Axes. <i>Microorganisms</i> , 2019, 7, 414.	3.6	11
64	Specific protein profile in cerebrospinal fluid from HIV-1-positive cART-treated patients affected by neurological disorders. <i>Journal of NeuroVirology</i> , 2012, 18, 416-422.	2.1	10
65	<i>In vivo</i> detection of polyomaviruses JCV and SV40 in mesenchymal stem cells from human umbilical cords. <i>Pediatric Blood and Cancer</i> , 2014, 61, 1347-1349.	1.5	10
66	Viral Genomic Characterization and Replication Pattern of Human Polyomaviruses in Kidney Transplant Recipients. <i>Viruses</i> , 2020, 12, 1280.	3.3	10
67	Human endogenous retroviruses env gene expression and long terminal repeat methylation in colorectal cancer patients. <i>Medical Microbiology and Immunology</i> , 2020, 209, 189-199.	4.8	10
68	Effects of metal-rich particulate matter exposure on exogenous and endogenous viral sequence methylation in healthy steel-workers. <i>Environmental Research</i> , 2017, 159, 452-457.	7.5	9
69	Merkel Cell Polyomavirus Is Associated with Anal Infections in Men Who Have Sex with Men. <i>Microorganisms</i> , 2019, 7, 54.	3.6	9
70	Human Polyomaviruses in the Cerebrospinal Fluid of Neurological Patients. <i>Microorganisms</i> , 2020, 8, 16.	3.6	9
71	Cerebrospinal Fluid MicroRNA Profiling Using Quantitative Real Time PCR. <i>Journal of Visualized Experiments</i> , 2014, , e51172.	0.3	8
72	Interaction Between Human Polyomavirus BK and Hypoxia Inducible Factor-1 alpha. <i>Journal of Cellular Physiology</i> , 2016, 231, 1343-1349.	4.1	8

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73	Review on the immunotherapy strategies against metastatic colorectal carcinoma. <i>Immunotherapy</i> , 2016, 8, 1245-1261.	2.0	8
74	Circulation of SARS-CoV-2 Variants among Children from November 2020 to January 2022 in Trieste (Italy). <i>Microorganisms</i> , 2022, 10, 612.	3.6	8
75	Application of molecular tools for the diagnosis of central nervous system infections. <i>Neurological Sciences</i> , 2008, 29, 283-285.	1.9	7
76	Characterization of an in vitro model to study the possible role of polyomavirus BK in prostate cancer. <i>Journal of Cellular Physiology</i> , 2019, 234, 11912-11922.	4.1	7
77	Effect of antibiotic-loaded chitosan nanodroplets on Enterococci isolated from chronic ulcers of the lower limbs. <i>Future Microbiology</i> , 2020, 15, 1227-1236.	2.0	7
78	In Vitro SARS-CoV-2 Infection of Microvascular Endothelial Cells: Effect on Pro-Inflammatory Cytokine and Chemokine Release. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4063.	4.1	7
79	Reply to letter to the editor: "JC viremia and multiple sclerosis" by Focosi et al. <i>Journal of NeuroVirology</i> , 2008, 14, 87-88.	2.1	6
80	Serum Gelatinases Levels in Multiple Sclerosis Patients during 21 Months of Natalizumab Therapy. <i>Disease Markers</i> , 2016, 2016, 1-7.	1.3	6
81	SV40 Infection of Mesenchymal Stromal Cells From Wharton's Jelly Drives the Production of Inflammatory and Tumoral Mediators. <i>Journal of Cellular Physiology</i> , 2017, 232, 3060-3066.	4.1	6
82	Cytomegalovirus Disease in Renal Transplanted Patients: Prevalence, Determining Factors, and Influence on Graft and Patients Outcomes. <i>Pathogens</i> , 2021, 10, 473.	2.8	6
83	Malaria pigment accelerates MTT "formazan exocytosis in human endothelial cells. <i>Parasitology</i> , 2019, 146, 399-406.	1.5	5
84	Complete Response to Nivolumab in Recurrent/Metastatic HPV-Positive Head and Neck Squamous Cell Carcinoma Patient After Progressive Multifocal Leukoencephalopathy: A Case Report. <i>Frontiers in Oncology</i> , 2021, 11, 799453.	2.8	5
85	Longitudinal study of two cases of progressive multifocal leukoencephalopathy with a clinical benign evolution. <i>Journal of NeuroVirology</i> , 2007, 13, 268-273.	2.1	4
86	Progressive multifocal leukoencephalopathy and autoimmune haemolytic anemia in chronic lymphocytic leukaemia: more than a fortuitous combination?. <i>Annals of Hematology</i> , 2009, 88, 189-191.	1.8	4
87	Acute transient inflammatory leukoencephalopathy in HIV. <i>Neurological Sciences</i> , 2011, 32, 899-902.	1.9	4
88	The long and evolving relationship between viruses and multiple sclerosis. <i>Future Virology</i> , 2012, 7, 871-883.	1.8	4
89	Multiplex array analysis of circulating cytokines and chemokines in natalizumab-treated patients with multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2017, 310, 91-96.	2.3	4
90	JC Virus Replication at the First Symptoms of Multiple Sclerosis: A Case Report. <i>Intervirology</i> , 2015, 58, 278-282.	2.8	3

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91	Genetic and structural analysis of polyomavirus BK Tâ€antigens reveal a higher density of mutations at interâ€domain and hexamerization regions, regardless the status of infection. <i>Journal of Medical Virology</i> , 2015, 87, 1418-1426.	5.0	3
92	Human polyomavirus JC presence in chronic inflammatory rheumatic diseases patients treated with anti-TNF-Î±: Evaluation of JC viral loads in urine and plasma samples. <i>Joint Bone Spine</i> , 2015, 82, 375-376.	1.6	3
93	Leishmania Promastigotes Enhance Neutrophil Recruitment through the Production of CXCL8 by Endothelial Cells. <i>Pathogens</i> , 2021, 10, 1380.	2.8	3
94	Allograft artery mycotic aneurysm after kidney transplantation: A case report and review of literature. <i>World Journal of Clinical Cases</i> , 2020, 8, 912-921.	0.8	3
95	Administration of aerosolized SARS-CoV-2 to K18-hACE2 mice uncouples respiratory infection from fatal neuroinvasion. <i>Science Immunology</i> , 2021, , eabl9929.	11.9	3
96	Viral Agents and Systemic Levels of Inflammatory Cytokines in Vulnerable and Stable Atherosclerotic Carotid Plaques. <i>Annals of Vascular Surgery</i> , 2022, 82, 325-333.	0.9	3
97	Human herpesvirus-6 and polyomaviruses DNAemia in children and young adult patients after kidney transplantation. <i>Future Virology</i> , 2015, 10, 1275-1284.	1.8	2
98	Human polyomaviruses genomes in clinical specimens of colon cancer patients. <i>Journal of Medical Virology</i> , 2021, 93, 6333-6339.	5.0	2
99	Molecular Analysis of JC Virus Genotypes Circulating Among the Italian Healthy Population. <i>Journal of NeuroVirology</i> , 2003, 9, 559-566.	2.1	2
100	Longitudinal, virological, and serological assessment of hospitalized COVID-19 patients. <i>Journal of NeuroVirology</i> , 2022, , 1.	2.1	2
101	Antiparasitic Drugs against SARS-CoV-2: A Comprehensive Literature Survey. <i>Microorganisms</i> , 2022, 10, 1284.	3.6	2
102	MISC 12. Role of Antibiotic-Loaded Chitosan Nanodroplets on Enterococci Isolated From Chronic Ulcers of the Lower Limbs. <i>Journal of Vascular Surgery</i> , 2019, 70, e181-e182.	1.1	1
103	The Conundrum of Giglio Island: Unraveling the dynamics of an apparent resistance to COVID-19 â€ A descriptive study. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 1467-1471.	4.1	1
104	In Vitro Study Evaluating the Effect of Different Immunosuppressive Agents on Human Polyomavirus BK Replication. <i>Transplantation Proceedings</i> , 2022, 54, 2035-2041.	0.6	1
105	Ipotesi eziologiche ancora attuali nel campo dei disturbi mentali. <i>Quaderni Italiani Di Psichiatria</i> , 2009, 28, 138-144.	0.1	0
106	Merkel cell polyomavirus DNA in the blood of patients with neurological diseases and healthy controls. <i>Future Virology</i> , 2017, 12, 713-720.	1.8	0
107	Longitudinal profile of a set of biomarkers in predicting Covid-19 mortality using joint models. <i>Proceedings E Report</i> , 0, , 191-196.	0.0	0
108	Determination of the <sc>UV</sc> Inactivation Constant under 280 nm <sc>UV LED</sc> Irradiation for <sc>SARSâ€CoV</sc> â€2. <i>Photochemistry and Photobiology</i> , 2022, , .	2.5	0