

Igor J Koralnik

List of Publications by Year in descending order

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Version: 2024-02-01

79
papers

5,070
citations

147801

31
h-index

95266

68
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82
all docs

82
docs citations

82
times ranked

5384
citing authors

#	ARTICLE	IF	CITATIONS
1	Diaphragm and Phrenic Nerve Ultrasound in COVID-19 Patients and Beyond. Journal of Ultrasound in Medicine, 2022, 41, 285-299.	1.7	23
2	Global Teleneurology. Annals of Neurology, 2022, 91, 443-444.	5.3	2
3	Plasma Biomarkers of Neuropathogenesis in Hospitalized Patients With COVID-19 and Those With Postacute Sequelae of SARS-CoV-2 Infection. Neurology: Neuroimmunology and Neuroinflammation, 2022, 9, .	6.0	33
4	Clinical characteristics and outcomes after new-onset seizure among Zambian children with HIV during the antiretroviral therapy era. Epilepsia Open, 2022, 7, 315-324.	2.4	5
5	Persistent viral RNA shedding of SARS-CoV-2 is associated with delirium incidence and six-month mortality in hospitalized COVID-19 patients. GeroScience, 2022, 44, 1241-1254.	4.6	12
6	Evolution of neurologic symptoms in non-hospitalized COVID-19 long haulers. Annals of Clinical and Translational Neurology, 2022, 9, 950-961.	3.7	42
7	Imaging Review of Peripheral Nerve Injuries in Patients with COVID-19. Radiology, 2021, 298, E117-E130.	7.3	50
8	Pharmacovigilance during treatment of multiple sclerosis: early recognition of CNS complications. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 177-188.	1.9	9
9	Brainstem progressive multifocal leukoencephalopathy. European Journal of Neurology, 2021, 28, 1016-1021.	3.3	7
10	Reply to COVID-19 encephalopathy, Bayes rule, and a plea for case-control studies. Annals of Clinical and Translational Neurology, 2021, 8, 726-726.	3.7	0
11	Transcranial Doppler Ultrasound Evidence of Active Cerebral Embolization in COVID-19. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105542.	1.6	18
12	Persistent neurologic symptoms and cognitive dysfunction in non-hospitalized Covid-19 long haulers. Annals of Clinical and Translational Neurology, 2021, 8, 1073-1085.	3.7	430
13	Reader Response: A Prospective Study of Neurologic Disorders in Hospitalized Patients With COVID-19 in New York City. Neurology, 2021, 96, 550-550.	1.1	1
14	Abnormal movements in hospitalized COVID-19 patients: A case series. Journal of the Neurological Sciences, 2021, 423, 117377.	0.6	10
15	Acute-care hospital reencounters in COVID-19 patients. GeroScience, 2021, 43, 2041-2053.	4.6	9
16	Progressive Multifocal Leukoencephalopathy in a Patient With Progressive Multiple Sclerosis Treated With Ocrelizumab Monotherapy. JAMA Neurology, 2021, 78, 736.	9.0	40
17	Advances in Treatment of Progressive Multifocal Leukoencephalopathy. Annals of Neurology, 2021, 90, 865-873.	5.3	18
18	LTA4H Prevalence and Mortality in Adult Zambians with Tuberculous Meningitis. Annals of Neurology, 2021, 90, 994-998.	5.3	1

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19	Teriflunomide Inhibits JCPyV Infection and Spread in Glial Cells and Choroid Plexus Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9809.	4.1	6
20	Cross-protective immunity following coronavirus vaccination and coronavirus infection. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	51
21	Risk factors for lymphopenia in patients with relapsing–remitting multiple sclerosis treated with dimethyl fumarate. <i>Journal of Neurology</i> , 2020, 267, 125-131.	3.6	28
22	Evaluating the impact of antiretroviral and antiseizure medication interactions on treatment effectiveness among outpatient clinic attendees with HIV in Zambia. <i>Epilepsia</i> , 2020, 61, 2705-2711.	5.1	1
23	Frequent neurologic manifestations and encephalopathy–associated morbidity in Covid–19 patients. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 2221-2230.	3.7	362
24	<scp>COVID</scp>–19: A Global Threat to the Nervous System. <i>Annals of Neurology</i> , 2020, 88, 1-11.	5.3	371
25	Germline Genetic Risk Variants for Progressive Multifocal Leukoencephalopathy. <i>Frontiers in Neurology</i> , 2020, 11, 186.	2.4	11
26	Children with Narcolepsy type 1 have increased T–cell responses to orexins. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2566-2572.	3.7	17
27	Neurosyphilis. <i>Seminars in Neurology</i> , 2019, 39, 448-455.	1.4	56
28	Prospective Cohort Study on Performance of Cerebrospinal Fluid (CSF) Xpert MTB/RIF, CSF Lipoarabinomannan (LAM) Lateral Flow Assay (LFA), and Urine LAM LFA for Diagnosis of Tuberculous Meningitis in Zambia. <i>Journal of Clinical Microbiology</i> , 2019, 57, .	3.9	33
29	Treatment of natalizumab–associated <scp>PML</scp> with filgrastim. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 923-931.	3.7	18
30	Progressive multifocal leukoencephalopathy in Zambia is caused by JC virus with prototype regulatory region. <i>Journal of NeuroVirology</i> , 2019, 25, 475-479.	2.1	0
31	JC virus infection of meningeal and choroid plexus cells in patients with progressive multifocal leukoencephalopathy. <i>Journal of NeuroVirology</i> , 2019, 25, 520-524.	2.1	14
32	Can Immune Checkpoint Inhibitors Keep JC Virus in Check?. <i>New England Journal of Medicine</i> , 2019, 380, 1667-1668.	27.0	32
33	Brief Report: Decreased JC Virus-Specific Antibody-Dependent Cellular Cytotoxicity in HIV-Seropositive PML Survivors. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2019, 82, 220-224.	2.1	3
34	The neurobiological basis of narcolepsy. <i>Nature Reviews Neuroscience</i> , 2019, 20, 83-93.	10.2	151
35	The World Health Organization's Essential Diagnostics List. <i>Neurology</i> , 2019, 93, 680-683.	1.1	3
36	Neurologic illness in Zambia: A neurointensivist's experience. <i>Journal of the Neurological Sciences</i> , 2018, 385, 140-143.	0.6	3

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37	Mortality & recurrent seizure risk after new-onset seizure in HIV-positive Zambian adults. <i>BMC Neurology</i> , 2018, 18, 201.	1.8	4
38	JC Virus Granule Cell Neuronopathy as AIDS-Presenting Illness. <i>Canadian Journal of Neurological Sciences</i> , 2018, 45, 466-469.	0.5	2
39	ViroFind: A novel target-enrichment deep-sequencing platform reveals a complex JC virus population in the brain of PML patients. <i>PLoS ONE</i> , 2018, 13, e0186945.	2.5	25
40	New-onset seizure in HIV-infected adult Zambians. <i>Neurology</i> , 2017, 88, 477-482.	1.1	19
41	Developing a successful global neurology program. <i>Annals of Neurology</i> , 2017, 81, 167-170.	5.3	6
42	PML-IRIS in an HIV-2-infected patient presenting as Bell's palsy. <i>Journal of NeuroVirology</i> , 2017, 23, 789-792.	2.1	2
43	JC virus granule cell neuronopathy in the setting of chronic lymphopenia treated with recombinant interleukin-7. <i>Journal of NeuroVirology</i> , 2017, 23, 141-146.	2.1	16
44	Challenges in the diagnosis and treatment of CNS demyelinating disorders in Zambia. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2016, 2, 205521731665711.	1.0	2
45	Interleukin-7 treatment of PML in a patient with idiopathic lymphocytopenia. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016, 3, e213.	6.0	34
46	Nonfatal PML in a patient with multiple sclerosis treated with dimethyl fumarate. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016, 3, e274.	6.0	41
47	Predictors and characteristics of seizures in survivors of progressive multifocal leukoencephalopathy. <i>Journal of NeuroVirology</i> , 2016, 22, 464-471.	2.1	14
48	JC Virus Infects Neurons and Glial Cells in the Hippocampus. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 712-717.	1.7	11
49	Training for a neurology career in a rare disease: The role of cyberconsults. <i>Annals of Neurology</i> , 2015, 77, 738-740.	5.3	8
50	Progressive neurologic dysfunction in a psoriasis patient treated with dimethyl fumarate. <i>Annals of Neurology</i> , 2015, 78, 501-514.	5.3	45
51	JC virus nucleotides 376-396 are critical for VP1 capsid protein expression. <i>Journal of NeuroVirology</i> , 2015, 21, 671-678.	2.1	9
52	BK polyomavirus reactivation after reduced-intensity double umbilical cord blood cell transplantation. <i>Transplant Immunology</i> , 2015, 32, 116-120.	1.2	7
53	Acute EEG findings in HIV-infected Zambian adults with new-onset seizure. <i>Neurology</i> , 2015, 84, 1317-1322.	1.1	16
54	Cognitive Impairment and Psychiatric Morbidity in HIV+ Zambians with New-Onset Seizure. <i>American Journal of Tropical Medicine and Hygiene</i> , 2014, 91, 1254-1258.	1.4	6

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55	JCV GCN in a natalizumab-treated MS patient is associated with mutations of the <i>VP1</i> capsid gene. <i>Neurology</i> , 2014, 83, 727-732.	1.1	37
56	JC Polyomavirus Granule Cell Neuronopathy in a Patient Treated With Rituximab. <i>JAMA Neurology</i> , 2014, 71, 487.	9.0	37
57	Neuroimaging abnormalities and seizure recurrence in a prospective cohort study of Zambians with human immunodeficiency virus and first seizure. <i>Neurology International</i> , 2014, 6, 5547.	2.8	5
58	Molecular Diagnosis of Central Nervous System Opportunistic Infections in HIV-Infected Zambian Adults. <i>Clinical Infectious Diseases</i> , 2014, 58, 1771-1777.	5.8	70
59	Immune Reconstitution after Allogeneic Hematopoietic Stem Cell Transplantation Is Associated with Selective Control of JC Virus Reactivation. <i>Biology of Blood and Marrow Transplantation</i> , 2014, 20, 992-999.	2.0	16
60	Frequent Infection of Neurons by SV40 Virus in SIV-Infected Macaque Monkeys with Progressive Multifocal Leukoencephalopathy and Meningoencephalitis. <i>American Journal of Pathology</i> , 2013, 183, 1910-1917.	3.8	19
61	PML diagnostic criteria. <i>Neurology</i> , 2013, 80, 1430-1438.	1.1	574
62	Increased Program Cell Death-1 Expression on T Lymphocytes of Patients With Progressive Multifocal Leukoencephalopathy. <i>Journal of Acquired Immune Deficiency Syndromes (1999)</i> , 2012, 60, 244-248.	2.1	69
63	JC virus granule cell neuronopathy is associated with VP1 C terminus mutants. <i>Journal of General Virology</i> , 2012, 93, 175-183.	2.9	70
64	BK Virus Reactivation After Double Umbilical Cord Blood Transplantation in Adults Correlates with Tregs and Delayed Reconstitution of CD4+ and CD8+ T Effector Cells. <i>Blood</i> , 2012, 120, 4174-4174.	1.4	0
65	Role of CD4 ⁺ and CD8 ⁺ T-Cell Responses against JC Virus in the Outcome of Patients with Progressive Multifocal Leukoencephalopathy (PML) and PML with Immune Reconstitution Inflammatory Syndrome. <i>Journal of Virology</i> , 2011, 85, 7256-7263.	3.4	116
66	Adoptive T Cell Therapy for Progressive Multifocal Leukoencephalopathy Using Sequential Ex-Vivo Stimulation with JCV Peptide Pulsed Dendritic Cells and Anti-CD3/CD28. <i>Blood</i> , 2011, 118, 2175-2175.	1.4	0
67	Progressive multifocal leukoencephalopathy and other disorders caused by JC virus: clinical features and pathogenesis. <i>Lancet Neurology</i> , The, 2010, 9, 425-437.	10.2	662
68	A granule cell neuron-associated JC virus variant has a unique deletion in the VP1 gene. <i>Journal of General Virology</i> , 2006, 87, 2533-2537.	2.9	58
69	Characterization of lymphocytic infiltrates in progressive multifocal leukoencephalopathy: Co-localization of CD8 ⁺ T cells with JCV-infected glial cells. <i>Journal of NeuroVirology</i> , 2006, 12, 116-128.	2.1	64
70	Progressive multifocal leukoencephalopathy revisited: Has the disease outgrown its name?. <i>Annals of Neurology</i> , 2006, 60, 162-173.	5.3	228
71	JC virus granule cell neuronopathy: A novel clinical syndrome distinct from progressive multifocal leukoencephalopathy. <i>Annals of Neurology</i> , 2005, 57, 576-580.	5.3	172
72	Case 14-2004. <i>New England Journal of Medicine</i> , 2004, 350, 1882-1893.	27.0	63

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73	Analysis of 15 novel full-length BK virus sequences from three individuals: evidence of a high intra-strain genetic diversity. <i>Journal of General Virology</i> , 2004, 85, 2651-2663.	2.9	55
74	A prospective study demonstrates an association between JC virus-specific cytotoxic T lymphocytes and the early control of progressive multifocal leukoencephalopathy. <i>Brain</i> , 2004, 127, 1970-1978.	7.6	188
75	New insights into progressive multifocal leukoencephalopathy. <i>Current Opinion in Neurology</i> , 2004, 17, 365-370.	3.6	133
76	Association of Prolonged Survival in HLA-A2+ Progressive Multifocal Leukoencephalopathy Patients with a CTL Response Specific for a Commonly Recognized JC Virus Epitope. <i>Journal of Immunology</i> , 2002, 168, 499-504.	0.8	129
77	Lymphomatoid papulosis and human herpesviruses - A PCR-based evaluation for the presence of human herpesvirus 6, 7 and 8 and related herpesviruses. <i>Journal of Cutaneous Pathology</i> , 2001, 28, 29-33.	1.3	31
78	JCV-specific cellular immune response correlates with a favorable clinical outcome in HIV-infected individuals with progressive multifocal leukoencephalopathy. <i>Journal of NeuroVirology</i> , 2001, 7, 318-322.	2.1	88
79	Clinicopathological characterization of an HIV-2-infected individual with two clonally unrelated primary lymphomas. <i>American Journal of Hematology</i> , 2000, 65, 302-306.	4.1	4