

Maria A Nagel

List of Publications by Year in descending order

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100
papers

3,868
citations

117625

34
h-index

133252

59
g-index

104
all docs

104
docs citations

104
times ranked

3314
citing authors

#	ARTICLE	IF	CITATIONS
1	Varicella zoster virus vasculopathies: diverse clinical manifestations, laboratory features, pathogenesis, and treatment. <i>Lancet Neurology</i> , The, 2009, 8, 731-740.	10.2	484
2	Varicella Zoster Virus Infection: Clinical Features, Molecular Pathogenesis of Disease, and Latency. <i>Neurologic Clinics</i> , 2008, 26, 675-697.	1.8	251
3	Adventitial Fibroblasts Induce a Distinct Proinflammatory/Profibrotic Macrophage Phenotype in Pulmonary Hypertension. <i>Journal of Immunology</i> , 2014, 193, 597-609.	0.8	162
4	Analysis of Human Alphaherpesvirus MicroRNA Expression in Latently Infected Human Trigeminal Ganglia. <i>Journal of Virology</i> , 2009, 83, 10677-10683.	3.4	159
5	Prevalence and distribution of VZV in temporal arteries of patients with giant cell arteritis. <i>Neurology</i> , 2015, 84, 1948-1955.	1.1	156
6	Neurological complications of varicella zoster virus reactivation. <i>Current Opinion in Neurology</i> , 2014, 27, 356-360.	3.6	132
7	Neurological Disease Produced by Varicella Zoster Virus Reactivation Without Rash. <i>Current Topics in Microbiology and Immunology</i> , 2010, 342, 243-253.	1.1	131
8	Analysis of Varicella-Zoster Virus in Temporal Arteries Biopsy Positive and Negative for Giant Cell Arteritis. <i>JAMA Neurology</i> , 2015, 72, 1281.	9.0	101
9	Update on Varicella Zoster Virus Vasculopathy. <i>Current Infectious Disease Reports</i> , 2014, 16, 407.	3.0	90
10	Complications of Varicella Zoster Virus Reactivation. <i>Current Treatment Options in Neurology</i> , 2013, 15, 439-453.	1.8	76
11	Varicella Zoster Virus Vasculopathy. <i>Journal of Infectious Diseases</i> , 2018, 218, S107-S112.	4.0	75
12	The Variegated Neurological Manifestations of Varicella Zoster Virus Infection. <i>Current Neurology and Neuroscience Reports</i> , 2013, 13, 374.	4.2	72
13	Restricted Varicella-Zoster Virus Transcription in Human Trigeminal Ganglia Obtained Soon after Death. <i>Journal of Virology</i> , 2012, 86, 10203-10206.	3.4	71
14	Varicella-zoster virus vasculopathy. <i>Neurology</i> , 2013, 80, 62-68.	1.1	69
15	Varicella zoster virus vasculopathy: The expanding clinical spectrum and pathogenesis. <i>Journal of Neuroimmunology</i> , 2017, 308, 112-117.	2.3	69
16	Multifocal VZV vasculopathy with temporal artery infection mimics giant cell arteritis. <i>Neurology</i> , 2013, 80, 2017-2021.	1.1	61
17	Risk of Stroke and Myocardial Infarction After Herpes Zoster in Older Adults in a US Community Population. <i>Mayo Clinic Proceedings</i> , 2016, 91, 33-44.	3.0	57
18	Varicella-Zoster Virus Transcriptome in Latently Infected Human Ganglia. <i>Journal of Virology</i> , 2011, 85, 2276-2287.	3.4	56

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19	Varicella Zoster Virus Ischemic Optic Neuropathy and Subclinical Temporal Artery Involvement. Archives of Neurology, 2011, 68, 517.	4.5	55
20	Developments in Varicella Zoster Virus Vasculopathy. Current Neurology and Neuroscience Reports, 2016, 16, 12.	4.2	55
21	The protean neurologic manifestations of varicella-zoster virus infection.. Cleveland Clinic Journal of Medicine, 2007, 74, 489-494.	1.3	55
22	Varicella-Zoster Virus Infection of Differentiated Human Neural Stem Cells. Journal of Virology, 2011, 85, 6678-6686.	3.4	52
23	Central nervous system infections produced by varicella zoster virus. Current Opinion in Infectious Diseases, 2020, 33, 273-278.	3.1	50
24	Persistence of Varicella Zoster Virus DNA in Saliva After Herpes Zoster. Journal of Infectious Diseases, 2011, 204, 820-824.	4.0	48
25	The Relationship Between Herpes Zoster and Stroke. Current Neurology and Neuroscience Reports, 2015, 15, 16.	4.2	47
26	Varicella Zoster Virus in the Nervous System. F1000Research, 2015, 4, 1356.	1.6	47
27	Varicella zoster virus triggers the immunopathology of giant cell arteritis. Current Opinion in Rheumatology, 2016, 28, 376-382.	4.3	44
28	Vaccine strain varicella-zoster virus-induced central nervous system vasculopathy as the presenting feature of DOCK8 deficiency. Journal of Allergy and Clinical Immunology, 2014, 133, 1225-1227.	2.9	42
29	Varicella zoster virus in the temporal artery of a patient with giant cell arteritis. Journal of the Neurological Sciences, 2013, 335, 228-230.	0.6	41
30	Varicella zoster virus productively infects human peripheral blood mononuclear cells to modulate expression of immunoinhibitory proteins and blocking PD-L1 enhances virus-specific CD8+ T cell effector function. PLoS Pathogens, 2019, 15, e1007650.	4.7	40
31	VZV ischemic optic neuropathy and subclinical temporal artery infection without rash. Neurology, 2013, 80, 220-222.	1.1	39
32	Varicella zoster virus vasculopathy: clinical features and pathogenesis. Journal of NeuroVirology, 2014, 20, 157-163.	2.1	39
33	Varicella-zoster. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2014, 123, 265-283.	1.8	38
34	Cerebral Fructose Metabolism as a Potential Mechanism Driving Alzheimer's Disease. Frontiers in Aging Neuroscience, 2020, 12, 560865.	3.4	38
35	Rapid and sensitive detection of 68 unique varicella zoster virus gene transcripts in five multiplex reverse transcription-polymerase chain reactions. Journal of Virological Methods, 2009, 157, 62-68.	2.1	36
36	Varicella Zoster Virus Infection in Granulomatous Arteritis of the Aorta. Journal of Infectious Diseases, 2016, 213, 1866-1871.	4.0	36

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37	VZV in biopsy-positive and -negative giant cell arteritis: Analysis of 100+ temporal arteries. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016, 3, e216.	6.0	36
38	Nanoparticle uptake by circulating leukocytes: A major barrier to tumor delivery. <i>Journal of Controlled Release</i> , 2018, 286, 85-93.	9.9	36
39	VZV multifocal vasculopathy with ischemic optic neuropathy, acute retinal necrosis and temporal artery infection in the absence of zoster rash. <i>Journal of the Neurological Sciences</i> , 2013, 325, 180-182.	0.6	33
40	Varicella zoster virus vasculopathy: A treatable form of rapidly progressive multi-infarct dementia after 2years' duration. <i>Journal of the Neurological Sciences</i> , 2012, 323, 245-247.	0.6	32
41	Frequency and Abundance of Alphaherpesvirus DNA in Human Thoracic Sympathetic Ganglia. <i>Journal of Virology</i> , 2014, 88, 8189-8192.	3.4	30
42	Acute cerebellar ataxia in a 41 year old woman. <i>Lancet Neurology</i> , The, 2006, 5, 984-988.	10.2	28
43	Varicella zoster virus and giant cell arteritis. <i>Current Opinion in Infectious Diseases</i> , 2016, 29, 275-279.	3.1	26
44	Varicella-Zoster Virus Infection of Primary Human Spinal Astrocytes Produces Intracellular Amylin, Amyloid- β^2 , and an Amyloidogenic Extracellular Environment. <i>Journal of Infectious Diseases</i> , 2020, 221, 1088-1097.	4.0	25
45	Varicella Zoster Virus DNA at Inoculation Sites and in Saliva After Zostavax Immunization. <i>Journal of Infectious Diseases</i> , 2011, 203, 1542-1545.	4.0	23
46	The challenging patient with varicella-zoster virus disease. <i>Neurology: Clinical Practice</i> , 2013, 3, 109-117.	1.6	23
47	Rapid development of 9 cerebral aneurysms in varicella-zoster virus vasculopathy. <i>Neurology</i> , 2014, 82, 2139-2141.	1.1	23
48	Proinflammatory cytokines and matrix metalloproteinases in CSF of patients with VZV vasculopathy. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016, 3, e246.	6.0	23
49	Varicella zoster virusâ€“infected cerebrovascular cells produce a proinflammatory environment. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2017, 4, e382.	6.0	22
50	Varicella-Zoster Virus Downregulates Programmed Death Ligand 1 and Major Histocompatibility Complex Class I in Human Brain Vascular Adventitial Fibroblasts, Perineurial Cells, and Lung Fibroblasts. <i>Journal of Virology</i> , 2016, 90, 10527-10534.	3.4	21
51	Varicella Zoster Virus in Temporal Arteries of Patients With Giant Cell Arteritis. <i>Journal of Infectious Diseases</i> , 2015, 212, S37-S39.	4.0	20
52	Recurrent varicella zoster virus myelopathy. <i>Journal of the Neurological Sciences</i> , 2009, 276, 196-198.	0.6	18
53	Disseminated VZV infection and asymptomatic VZV vasculopathy after steroid abuse. <i>Journal of Clinical Virology</i> , 2015, 66, 72-75.	3.1	16
54	Successful Antiviral Treatment of Giant Cell Arteritis and Takayasu Arteritis. <i>JAMA Neurology</i> , 2015, 72, 943.	9.0	16

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55	Transcriptional profiling reveals potential involvement of microvillous TRPM5-expressing cells in viral infection of the olfactory epithelium. <i>BMC Genomics</i> , 2021, 22, 224.	2.8	15
56	Azadirachta indica A. Juss bark extract and its Nimbin isomers restrict $\hat{1}^2$ -coronaviral infection and replication. <i>Virology</i> , 2022, 569, 13-28.	2.4	15
57	Blinded search for varicella zoster virus in giant cell arteritis (GCA)-positive and GCA-negative temporal arteries. <i>Journal of the Neurological Sciences</i> , 2016, 364, 141-143.	0.6	14
58	Editorial Commentary: Varicella Zoster Virus Infection: Generally Benign in Kids, Bad in Grown-ups. <i>Clinical Infectious Diseases</i> , 2014, 58, 1504-1506.	5.8	13
59	Inhibition of Phosphorylated-STAT1 Nuclear Translocation and Antiviral Protein Expression in Human Brain Vascular Adventitial Fibroblasts Infected with Varicella-Zoster Virus. <i>Journal of Virology</i> , 2014, 88, 11634-11637.	3.4	12
60	Biopsy-negative, varicella zoster virus (VZV)-positive giant cell arteritis, zoster, VZV encephalitis and ischemic optic neuropathy, all in one. <i>Journal of the Neurological Sciences</i> , 2014, 343, 195-197.	0.6	12
61	Reactivation of type 1 herpes simplex virus and varicella zoster virus in an immunosuppressed patient with acute peripheral facial weakness. <i>Journal of the Neurological Sciences</i> , 2012, 313, 193-195.	0.6	11
62	Varicella-Zoster Virus Expression in the Cerebral Arteries of Diabetic Subjects. <i>Archives of Neurology</i> , 2012, 69, 142.	4.5	11
63	Search for varicella zoster virus and herpes simplex virus-1 in normal human cerebral arteries. <i>Journal of NeuroVirology</i> , 2013, 19, 181-185.	2.1	11
64	Differential regulation of matrix metalloproteinases in varicella zoster virus-infected human brain vascular adventitial fibroblasts. <i>Journal of the Neurological Sciences</i> , 2015, 358, 444-446.	0.6	11
65	Successful antiviral treatment after 6years of chronic progressive neurological disease attributed to VZV brain infection. <i>Journal of the Neurological Sciences</i> , 2016, 368, 240-242.	0.6	11
66	Reactivation of Simian Varicella Virus in Rhesus Macaques after CD4 T Cell Depletion. <i>Journal of Virology</i> , 2019, 93, .	3.4	11
67	Frequency of varicella zoster virus DNA in human adrenal glands. <i>Journal of NeuroVirology</i> , 2016, 22, 400-402.	2.1	10
68	Varicella zoster virus differentially alters morphology and suppresses proinflammatory cytokines in primary human spinal cord and hippocampal astrocytes. <i>Journal of Neuroinflammation</i> , 2018, 15, 318.	7.2	10
69	Varicella Zoster Virus Induces Nuclear Translocation of the Neurokinin-1 Receptor, Promoting Lamellipodia Formation and Viral Spread in Spinal Astrocytes. <i>Journal of Infectious Diseases</i> , 2018, 218, 1324-1335.	4.0	10
70	Modeling Hypoxia-Induced Neuropathies Using a Fast and Scalable Human Motor Neuron Differentiation System. <i>Stem Cell Reports</i> , 2020, 14, 1033-1043.	4.8	10
71	Amylin, A $\hat{1}^2$ 42, and Amyloid in Varicella Zoster Virus Vasculopathy Cerebrospinal Fluid and Infected Vascular Cells. <i>Journal of Infectious Diseases</i> , 2021, 223, 1284-1294.	4.0	10
72	Burning mouth syndrome associated with varicella zoster virus. <i>BMJ Case Reports</i> , 2016, 2016, bcr2016215953.	0.5	10

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73	Widespread arterial infection by varicella-zoster virus explains refractory giant cell arteritis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2015, 2, e125.	6.0	9
74	Varicella Zoster Virus in Ischemic Optic Neuropathy. <i>Ophthalmology</i> , 2015, 122, 2142-2145.	5.2	9
75	Acute zoster plasma contains elevated amyloid, correlating with A β 242 and amylin levels, and is amyloidogenic. <i>Journal of NeuroVirology</i> , 2020, 26, 422-428.	2.1	9
76	Burning mouth syndrome due to herpes simplex virus type 1. <i>BMJ Case Reports</i> , 2015, 2015, bcr2015209488-bcr2015209488.	0.5	9
77	Targeted RNA Sequencing of VZV-Infected Brain Vascular Adventitial Fibroblasts Indicates That Amyloid May Be Involved in VZV Vasculopathy. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2022, 9, .	6.0	9
78	Synthesis and decay of varicella zoster virus transcripts. <i>Journal of NeuroVirology</i> , 2011, 17, 281-287.	2.1	8
79	Roundtable on Postherpetic Neuralgia—What, Why, How Long, and What's Next?. <i>Population Health Management</i> , 2012, 15, 385-390.	1.7	8
80	SUNCT headaches after ipsilateral ophthalmic-distribution zoster. <i>Journal of the Neurological Sciences</i> , 2016, 366, 207-208.	0.6	8
81	Raeder syndrome produced by extension of chronic inflammation to the internal carotid artery. <i>Neurology</i> , 2012, 79, 1296-1297.	1.1	7
82	Varicella zoster virus (VZV) in cerebral arteries of subjects at high risk for VZV reactivation. <i>Journal of the Neurological Sciences</i> , 2014, 339, 32-34.	0.6	7
83	Varicella Zoster Virus Alters Expression of Cell Adhesion Proteins in Human Perineurial Cells via Interleukin 6. <i>Journal of Infectious Diseases</i> , 2019, 220, 1453-1461.	4.0	6
84	An atypical case of post-varicella stroke in a child presenting with hemichorea followed by late-onset inflammatory focal cerebral arteriopathy. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 463-471.	2.0	6
85	Expanding the clinical and neuroimaging features of post-varicella arteriopathy of childhood. <i>Journal of Neurology</i> , 2021, 268, 4846-4865.	3.6	6
86	Attenuation of Simian Varicella Virus Infection by Enhanced Green Fluorescent Protein in Rhesus Macaques. <i>Journal of Virology</i> , 2018, 92, .	3.4	5
87	Varicella Zoster Virus Induces Differential Cell-Type Specific Responses in Human Corneal Epithelial Cells and Keratocytes. , 2019, 60, 704.		5
88	GeXPS multiplex PCR analysis of the simian varicella virus transcriptome in productively infected cells in culture and acutely infected ganglia. <i>Journal of Virological Methods</i> , 2013, 193, 151-158.	2.1	4
89	Histopathological Analysis of Adrenal Glands after Simian Varicella Virus Infection. <i>Viruses</i> , 2021, 13, 1245.	3.3	4
90	Simian Varicella Virus DNA in Saliva and Buccal Cells After Experimental Acute Infection in Rhesus Macaques. <i>Frontiers in Microbiology</i> , 2019, 10, 1009.	3.5	3

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91	VZV Infection of Primary Human Adrenal Cortical Cells Produces a Proinflammatory Environment without Cell Death. <i>Viruses</i> , 2022, 14, 674.	3.3	3
92	Detection of varicella zoster virus antigen and DNA in two cases of cerebral amyloid angiopathy. <i>Journal of the Neurological Sciences</i> , 2021, 422, 117315.	0.6	2
93	Targeted RNA Sequencing of Formalin-Fixed, Paraffin-Embedded Temporal Arteries From Giant Cell Arteritis Cases Reveals Viral Signatures. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .	6.0	2
94	Varicella-Zoster Virus in Giant Cell Arteritis—Reply. <i>JAMA Neurology</i> , 2016, 73, 239.	9.0	2
95	Herpes Zoster, a Rash of Cerebrovascular Events. <i>Mayo Clinic Proceedings</i> , 2019, 94, 742-744.	3.0	1
96	Elevated serum substance P during simian varicella virus infection in rhesus macaques: implications for chronic inflammation and adverse cerebrovascular events. <i>Journal of NeuroVirology</i> , 2020, 26, 945-951.	2.1	1
97	Simian Varicella Virus Pathogenesis in Skin during Varicella and Zoster. <i>Viruses</i> , 2022, 14, 1167.	3.3	1
98	Varicella Zoster Virus Vasculopathy. , 0, , 71-76.		0
99	Donald H. Gilden, M.D.. <i>Journal of Neuroimmunology</i> , 2017, 308, 2-5.	2.3	0
100	The Role of Varicella Zoster Virus in Giant Cell Arteritis. , 2017, , 77-84.		0