Susumu Kusunoki

List of Publications by Year
in descending order

122 papers	4,727 citations	136950 32 h-index	110387 64 g-index
130 all docs	130 docs citations	130 times ranked	3091 citing authors

#	Article	IF	Citations
1	Serum IgG antibody to ganglioside GQ1b is a possible marker of Miller Fisher syndrome. Annals of Neurology, 1992, 31, 677-679.	5.3	528
2	Ganglioside composition of the human cranial nerves, with special reference to pathophysiology of Miller Fisher syndrome. Brain Research, 1997, 745, 32-36.	2.2	261
3	Regional variation of Guillain-BarrÃ© syndrome. Brain, 2018, 141, 2866-2877.	7.6	190
4	Experimental sensory neuropathy induced by sensitization with ganglioside GD1b. Annals of Neurology, 1996, 39, 424-431.	5.3	182
5	N-acetylgalactosaminyl GD1a is a target molecule for serum antibody in Guillain-BarrÃ© syndrome. Annals of Neurology, 1994, 35, 570-576.	5.3	172
6	Anti-neurofascin antibody in patients with combined central and peripheral demyelination. Neurology, 2013, 81, 714-722.	1.1	157
7	Ganglioside complexes as new target antigens in Guillain-BarrÃ© syndrome. Annals of Neurology, 2004, 56, 567-571.	5.3	156
8	Characterization of IgG4 antiâ€neurofascin 155 antibodyâ€positive polyneuropathy. Annals of Clinical and Translational Neurology, 2015, 2, 960-971.	3.7	148
9	A nationwide survey of hypertrophic pachymeningitis in Japan. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 732-739.	1.9	131
10	Anti-GQ1b IgG antibody is associated with ataxia as well as ophthalmoplegia. , 1999, 22, 1071-1074.		126
11	Acute conduction block in vitro following exposure to antiganglioside sera. Muscle and Nerve, 1993, 16, 587-593.	2.2	113
12	Safety and efficacy of eculizumab in Guillain-BarrÃ© syndrome: a multicentre, double-blind, randomised phase 2 trial. Lancet Neurology, The, 2018, 17, 519-529.	10.2	111
13	Clinical Features of Acute Flaccid Myelitis Temporally Associated With an Enterovirus D68 Outbreak: Results of a Nationwide Survey of Acute Flaccid Paralysis in Japan, Augustâ€“December 2015. Clinical Infectious Diseases, 2018, 66, 653-664.	5.8	110
14	Localization of GM1 and GD1b antigens in the human peripheral nervous system. Muscle and Nerve, 1993, 16, 752-756.	2.2	105
15	Anti-gal-C antibody in autoimmune neuropathies subsequent to mycoplasma infection. Muscle and Nerve, 1995, 18, 409-413.	2.2	89
16	International Guillainâ€BarrÃ© Syndrome Outcome Study: protocol of a prospective observational cohort study on clinical and biological predictors of disease course and outcome in Guillainâ€BarrÃ© syndrome. Journal of the Peripheral Nervous System, 2017, 22, 68-76.	3.1	89
17	Antibodies to gangliosides and ganglioside complexes in Guillainâ€“BarrÃ© syndrome and Fisher syndrome: Mini-review. Journal of Neuroimmunology, 2010, 223, 5-12.	2.3	84
18	Antibodies against ganglioside complexes in Guillainâ€BarrÃ© syndrome and related disorders. Journal of Neurochemistry, 2011, 116, 828-832.	3.9	74

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19	Nationwide survey of patients in Japan with Bickerstaff brainstem encephalitis: epidemiological and clinical characteristics. Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, 1210-1215.	1.9	74
20	Prevalence of Anti-Ganglioside Antibodies and Their Clinical Correlates with Guillain-BarrÃ© Syndrome		

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37	Clinical features of CIDP with LM1-associated antibodies. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, 573-575.	1.9	30
38	Apoptosis of primary sensory neurons in GD1b-induced sensory ataxic neuropathy. Experimental Neurology, 2008, 209, 279-283.	4.1	29
39	Characterization of the neurological diseases associated with Mycoplasma pneumoniae infection and anti-glycolipid antibodies. Journal of Neurology, 2017, 264, 467-475.	3.6	29
40	Chondroitin beta-1,4-N-acetylgalactosaminyltransferase-1 missense mutations are associated with neuropathies. Journal of Human Genetics, 2011, 56, 143-146.	2.3	27
41	IgM M-protein with antibody activity against gangliosides with disialosyl residue in sensory neuropathy binds to sensory neurons. , 1996, 19, 528-530.		26
42	Degeneration of rabbit sensory neurons induced by passive transfer of anti-GD1b antiserum. Neuroscience Letters, 1999, 273, 33-36.	2.1	26
43	ELectron microscopic abnormality and therapeutic efficacy in chronic inflammatory demyelinating polyneuropathy with antiâ€neurofascin155 immunoglobulin G4 antibody. Muscle and Nerve, 2018, 57, 498-502.	2.2	26
44	Varied antibody reactivities and clinical relevance in anti-GQ1b antibodyâ€“related diseases. Neurology: Neuroimmunology and NeuroInflammation, 2018, 5, e501.	6.0	26
45	Binding of immunoglobulin G antibodies in Guillain-BarrÃ© syndrome sera to a mixture of GM1 and a phospholipid: Possible clinical implications. Muscle and Nerve, 2003, 27, 302-306.	2.2	25
46	Sensorimotor polyneuropathy associated with chronic lymphocytic leukemia, IgM antigangliosides antibody and human T-cell leukemia virus I infection. Muscle and Nerve, 1999, 22, 1461-1465.	2.2	23
47	An antibody to the GM1/GalNAc-GD1a complex correlates with development of pure motor Guillainâ€“BarrÃ© syndrome with reversible conduction failure. Journal of Neuroimmunology, 2013, 254, 141-145.	2.3	23
48	Antibodies to ganglioside complexes consisting of asialo-GM1 and GQ1b or GT1a in Fisher and Guillainâ€“BarrÃ© syndromes. Journal of Neuroimmunology, 2009, 214, 125-127.	2.3	22
49	Predicting Outcome in Guillain-BarrÃ© Syndrome. Neurology, 2022, 98, .	1.1	22
50	Guillainâ€“BarrÃ© syndrome: update on immunobiology and treatment. Expert Review of Neurotherapeutics, 2009, 9, 1307-1319.	2.8	21
51	Bickerstaff brainstem encephalitis with or without anti-GQ1b antibody. Neurology: Neuroimmunology and NeuroInflammation, 2020, 7, .	6.0	21
52	Antiglycolipid antibodies in Guillain-BarrÃ© and Fisher syndromes: discovery, current status and future perspective. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 311-318.	1.9	21
53	Cerebellar ataxia and polyneuropathy in a patient with IgM M-protein specific to the Gal(Î²1-3) GalNAc epitope. Journal of the Neurological Sciences, 1994, 126, 219-224.	0.6	20
54	A novel ganglioside, 9-O-acetyl GD1b, is recognized by serum antibodies in Guillain-BarrÃ© syndrome. Journal of Neuroimmunology, 1996, 66, 95-101.	2.3	20

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55	Clinicopathological study of an autopsy case with sensory-dominant polyradiculoneuropathy with antiganglioside antibodies. Muscle and Nerve, 1999, 22, 1426-1431.	2.2	20
56	Serological study using glycoarray for detecting antibodies to glycolipids and glycolipid complexes in immune-mediated neuropathies. Journal of Neuroimmunology, 2016, 301, 35-40.	2.3	20
57	Guillain-BarrÃ© syndrome and related diseases after influenza virus infection. Neurology: Neuroimmunology and NeuroInflammation, 2019, 6, e575.	6.0	20
58	Rabbit experimental sensory ataxic neuropathy: anti-GD1b antibody-mediated trkC downregulation of dorsal root ganglia neurons. Neuroscience Letters, 1999, 260, 157-160.	2.1	19
59	Effects of phospholipids on antiganglioside antibody reactivity in GBS. Journal of Neuroimmunology, 2005, 159, 129-132.	2.3	19
60	Noncoding repeat expansions for ALS in Japan are associated with the ATXN8OS gene. Neurology: Genetics, 2018, 4, e252.	1.9	19
61	HLA genotype-clinical phenotype correlations in multiple sclerosis and neuromyelitis optica spectrum disorders based on Japan MS/NMOSD Biobank data. Scientific Reports, 2021, 11, 607.	3.3	19
62	Severe motor-dominant neuropathy with IgM M-protein binding to the NeuAcÎ±2-3GalÎ²- moiety. Journal of the Neurological Sciences, 1998, 154, 4-7.	0.6	18
63	Anti-GM1/GD1a complex antibodies in GBS sera specifically recognize the hybrid dimer GM1-GD1a. Glycobiology, 2012, 22, 352-360.	2.5	18
64	The novel de novo mutation of KIF1A gene as the cause for Spastic paraplegia 30 in a Japanese case. ENeurologicalSci, 2019, 14, 34-37.	1.3	18
65	Unique HLA haplotype associations in IgG4 anti-neurofascin 155 antibody-positive chronic inflammatory demyelinating polyneuropathy. Journal of Neuroimmunology, 2020, 339, 577139.	2.3	18
66	A Prospective, Multicenter, Randomized Phase II Study to Evaluate the Efficacy and Safety of Eculizumab in Patients with Guillain-BarrÃ© Syndrome (GBS): Protocol of Japanese Eculizumab Trial for GBS (JET-GBS). JMIR Research Protocols, 2016, 5, e210.	1.0	18
67	COQ2 V393A confers high risk susceptibility for multiple system atrophy in East Asian population. Journal of the Neurological Sciences, 2021, 429, 117623.	0.6	17
68	Refractory acute disseminated encephalomyelitis with anti-galactocerebroside antibody. Neuroscience Research, 2012, 74, 284-289.	1.9	16
69	Diagnosis of Parkinsonâ€™s disease and the level of oxidized DJ-1 protein. Neuroscience Research, 2018, 128, 58-62.	1.9	15
70	A chondroitin synthase-1 (ChSy-1) missense mutation in a patient with neuropathy impairs the elongation of chondroitin sulfate chains initiated by chondroitin N-acetylgalactosaminyltransferase-1. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 4806-4812.	2.4	14
71	Japanese POEMS syndrome with Thalidomide (J-POST) Trial: study protocol for a phase II/III multicentre, randomised, double-blind, placebo-controlled trial. BMJ Open, 2015, 5, e007330-e007330.	1.9	14
72	Binding specificity of anti-HNK-1 IgM M-protein in anti-MAG neuropathy: Possible clinical relevance. Neuroscience Research, 2015, 91, 63-68.	1.9	14

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73	Serum IgG anti-GD1a antibody and mEGOS predict outcome in Guillain-BarrÃ© syndrome. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 1339-1342.	1.9	13
74	Expression of the Î²-Galactoside Î±1,2-Fucosyltransferase Gene Suppresses Axonal Outgrowth of Neuro2a Neuroblastoma Cells. Journal of Neurochemistry, 2002, 66, 1633-1640.	3.9	12
75	Elevation in anti-GQ1b, anti-GT1a, and anti-GT1b IgG antibodies in postinfectious acute ataxic neuropathy with oropharyngeal palsy but without ophthalmolplegia. Journal of Neurology, 2000, 247, 566-567.	3.6	11
76	Neuropathophysiological potential of Guillain-BarrÃ© syndrome anti-ganglioside-complex antibodies at mouse motor nerve terminals. Clinical and Experimental Neuroimmunology, 2011, 2, 59-67.	1.0	11
77	Chondroitin sulfate Î²-1,4-N-acetylgalactosaminyltransferase-1 (ChGn-1) polymorphism: Association with progression of multiple sclerosis. Neuroscience Research, 2016, 108, 55-59.	1.9	11
78	PSP-Phenotype in SCA8: Case Report and Systemic Review. Cerebellum, 2019, 18, 76-84.	2.5	11
79	Intrathecal cytokine profile in neuropathy with antiâ€neurofascin 155 antibody. Annals of Clinical and Translational Neurology, 2019, 6, 2304-2316.	3.7	11
80	Acute isolated ophthalmoplegia as a variant of Miller-Fisher syndrome. , 1998, 21, 1107-1107.		10
81	Ganglionic acetylcholine receptor autoantibodies in patients with Guillain-BarrÃ© syndrome. Journal of Neuroimmunology, 2016, 295-296, 54-59.	2.3	10
82	A Guillain-BarrÃ© syndrome-associated SIGLEC10 rare variant impairs its recognition of gangliosides. Journal of Autoimmunity, 2021, 116, 102571.	6.5	10
83	Harmful effects of anti-GalNAc-GD1a antibodies and TNF-alpha on rat dorsal root ganglia. Journal of the Peripheral Nervous System, 2005, 10, 190-201.	3.1	9
84	Chondroitin 6-O-sulfate ameliorates experimental autoimmune encephalomyelitis. Glycobiology, 2014, 24, 469-475.	2.5	9
85	Bardetâ€“Biedl syndrome and related disorders in Japan. Journal of Human Genetics, 2020, 65, 847-853.	2.3	9
86	Neuropathogenesis of Zika Virus Infection : Potential Roles of Antibody-Mediated Pathology. Acta Medica Kinki University, 2016, 41, 37-52.	3.0	9
87	The first Japanese familial case of spinocerebellar ataxia 23 with a novel mutation in the PDYN gene. Parkinsonism and Related Disorders, 2015, 21, 332-334.	2.2	8
88	Dorsal Root Ganglia-Specific Expression of the Î²-Galactoside Î±1,2-Fucosyltransferase Genes in Rabbits. Journal of Neurochemistry, 2002, 70, 2174-2178.	3.9	7
89	Motor-dominant polyneuropathy due to IgM monoclonal antibody against disialosyl gangliosides in a patient with mantle cell lymphoma. Journal of the Neurological Sciences, 2014, 337, 215-218.	0.6	7
90	Electrophysiological assessment of Guillain-BarrÃ© syndrome with both Gal-C and ganglioside antibodies; tendency for demyelinating type. Journal of Neuroimmunology, 2016, 301, 61-64.	2.3	7

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91	An unusual case of facial diplegia. , 1999, 22, 778-779.		6
92	Variability in immunohistochemistries of IgM M-proteins binding to sulfated glucuronyl paragloboside. Journal of Neuroimmunology, 2001, 116, 206-212.	2.3	6
93	Diagnosis, pathogenesis and treatment of Miller Fisher syndrome and related disorders: clinical significance of antiGQ1b IgG antibody. Expert Review of Neurotherapeutics, 2003, 3, 133-140.	2.8	6
94	Intravenous immunoglobulin treatment for mild Guillain-BarrÃ© syndrome: an international observational study. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 1080-1088.	1.9	6
95	Letter to the Editor. Muscle and Nerve, 2006, 33, 828-829.	2.2	5
96	Characterization of a phospholipid antigen reacting with serum antibody in patients with peripheral neuropathies and paraproteinemia. Journal of Neurochemistry, 2008, 79, 970-975.	3.9	5
97	Charcotâ€“Marieâ€“Tooth disease with a mutation in FBLN5 accompanying with the small vasculitis and widespread onion-bulb formations. Journal of the Neurological Sciences, 2020, 410, 116623.	0.6	5
98	Electroencephalographic findings in Bickerstaffâ€™s brainstem encephalitis: A possible reflection of the dysfunction of the ascending reticular activating system. Clinical Neurophysiology Practice, 2021, 6, 29-35.	1.4	5
99	Guillain-Barre syndrome with antibodies to GD1a/GD1b complex. Journal of Neurology, Neurosurgery and Psychiatry, 2006, 78, 548-549.	1.9	4
100	Autoantibodies in neuroimmunological diseases; relevance of fine specificity. Experimental Neurology, 2013, 250, 219-220.	4.1	4
101	History of Guillainâ€“BarrÃ© syndrome. Clinical and Experimental Neuroimmunology, 2016, 7, 305-311.	1.0	4
102	New-onset Refractory Status Epilepticus Involving the Limbic System, Spinal Cord, and Peripheral Nerves. Internal Medicine, 2020, 59, 267-270.	0.7	4
103	Neutral Lipid Storage Disease Associated with the <i>PNPLA2</i> Gene: Case Report and Literature Review. European Neurology, 2020, 83, 317-322.	1.4	4
104	Finger drop sign as a new variant of acute motor axonal neuropathy. Muscle and Nerve, 2021, 63, 336-343.	2.2	4
105	Chondroitin sulfate N-acetylgalactosyltransferase-1 knockout shows milder phenotype in experimental autoimmune encephalomyelitis than in wild type. Glycobiology, 2021, 31, 260-265.	2.5	4
106	Effects of acidic phospholipids on antiganglioside antibodies in Guillain-BarrÃ© syndrome: Role of the disialosyl residue. Clinical and Experimental Neuroimmunology, 2013, 4, 70-74.	1.0	3
107	Miller Fisher syndrome with sinus arrest. Neurology International, 2017, 9, 7312.	2.8	3
108	Childhood-onset multifocal motor neuropathy with IgM antibodies to GM2 and GalNac-GD1a. Brain and Development, 2020, 42, 88-92.	1.1	3

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109	Ganglioside complexes as target antigens in Guillainâ€“BarrÃ© syndrome and related disorders. Future Lipidology, 2008, 3, 425-434.	0.5	3
110	Association of variability in antibody binding affinity with a clinical course of anti-MAG neuropathy. Journal of Neuroimmunology, 2020, 339, 577127.	2.3	2
111	Hemiplegic migraine type 2 with new mutation of the ATP1A2 gene in Japanese cases. Neuroscience Research, 2022, , .	1.9	2
112	Antiganglioside Antibodies in Guillain-BarrÃ©e Syndrome. Internal Medicine, 1997, 36, 599-600.	0.7	1
113	Mechanism and spectrum of antiâ€glycolipid antibodyâ€mediated chronic inflammatory demyelinating polyneuropathy. Clinical and Experimental Neuroimmunology, 2018, 9, 65-74.	1.0	1
114	A case report of Fisher syndrome with the detection of anti-GM3 and anti-GD1b IgG antibodies. Neurological Sciences, 2019, 40, 891-893.	1.9	1
115	Unclassified subtype of Guillain-BarrÃ© syndrome is associated with quick recovery. Journal of Clinical Neuroscience, 2021, 91, 313-318.	1.5	1
116	CSF sphingomyelin: possible biomarker of demyelination. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 232-232.	1.9	1
117	Letters to the editor. Muscle and Nerve, 1996, 19, 254-260.	2.2	0
118	Predictors of respiratory failure in Guillainâ€“BarrÃ© syndrome. Nature Clinical Practice Neurology, 2007, 3, 430-431.	2.5	0
119	Autoantibodies in chronic inflammatory demyelinating polyneuropathy: Specificities and clinical relevance. Clinical and Experimental Neuroimmunology, 2014, 5, 8-9.	1.0	0
120	Modified method of intravenous immunoglobulin administration for patients with intractable multifocal motor neuropathy: A case report. Clinical and Experimental Neuroimmunology, 2017, 8, 141-145.	1.0	0
121	Guillain-BarrÃ© Syndrome: Epidemiology, Diagnosis, and Treatment. , 2016, , 153-164.		0
122	6. Pathogenesis and Treatments of Autoimmune Neuropathies. The Journal of the Japanese Society of Internal Medicine, 2019, 108, 481-486.	0.0	0