

Fabienne Brilot

List of Publications by Year in descending order

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115
papers

7,759
citations

46918

47
h-index

54797

84
g-index

120
all docs

120
docs citations

120
times ranked

7688
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinical course, therapeutic responses and outcomes in relapsing MOG antibody-associated demyelination. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 127-137.	0.9	422
2	Antibodies to surface dopamine-2 receptor in autoimmune movement and psychiatric disorders. <i>Brain</i> , 2012, 135, 3453-3468.	3.7	324
3	Antibodies to MOG are transient in childhood acute disseminated encephalomyelitis. <i>Neurology</i> , 2011, 77, 580-588.	1.5	286
4	Radiological differentiation of optic neuritis with myelin oligodendrocyte glycoprotein antibodies, aquaporin-4 antibodies, and multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2016, 22, 470-482.	1.4	284
5	Antibodies to native myelin oligodendrocyte glycoprotein in children with inflammatory demyelinating central nervous system disease. <i>Annals of Neurology</i> , 2009, 66, 833-842.	2.8	283
6	Utility and safety of rituximab in pediatric autoimmune and inflammatory CNS disease. <i>Neurology</i> , 2014, 83, 142-150.	1.5	275
7	Myelin-oligodendrocyte glycoprotein antibody-associated disease. <i>Lancet Neurology</i> , The, 2021, 20, 762-772.	4.9	261
8	Anti-MOG antibody: The history, clinical phenotype, and pathogenicity of a serum biomarker for demyelination. <i>Autoimmunity Reviews</i> , 2016, 15, 307-324.	2.5	229
9	Nâ€methylâ€Dâ€aspartate receptor antibodies in pediatric dyskinetic encephalitis lethargica. <i>Annals of Neurology</i> , 2009, 66, 704-709.	2.8	223
10	CSF cytokines/chemokines as biomarkers in neuroinflammatory CNS disorders: A systematic review. <i>Cytokine</i> , 2016, 77, 227-237.	1.4	209
11	Antibodies to myelin oligodendrocyte glycoprotein in bilateral and recurrent optic neuritis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2014, 1, e40.	3.1	192
12	International multicenter examination of MOG antibody assays. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020, 7, .	3.1	180
13	Immune therapy in autoimmune encephalitis: a systematic review. <i>Expert Review of Neurotherapeutics</i> , 2015, 15, 1391-1419.	1.4	168
14	Herpes simplex encephalitis relapse with chorea is associated with autoantibodies to Nâ€methylâ€Dâ€aspartate receptor or dopamineâ€2 receptor. <i>Movement Disorders</i> , 2014, 29, 117-122.	2.2	160
15	Antibodies to MOG have a demyelination phenotype and affect oligodendrocyte cytoskeleton. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2014, 1, e12.	3.1	158
16	Maternal acute and chronic inflammation in pregnancy is associated with common neurodevelopmental disorders: a systematic review. <i>Translational Psychiatry</i> , 2021, 11, 71.	2.4	158
17	Autoimmune encephalitis: Recent updates and emerging challenges. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 722-730.	0.8	131
18	Noncytotoxic Functions of NK Cells: Direct Pathogen Restriction and Assistance to Adaptive Immunity. <i>Journal of Immunology</i> , 2008, 180, 7785-7791.	0.4	130

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19	Distinction and Temporal Stability of Conformational Epitopes on Myelin Oligodendrocyte Glycoprotein Recognized by Patients with Different Inflammatory Central Nervous System Diseases. <i>Journal of Immunology</i> , 2013, 191, 3594-3604.	0.4	126
20	Targeting the nuclear antigen 1 of Epstein-Barr virus to the human endocytic receptor DEC-205 stimulates protective T-cell responses. <i>Blood</i> , 2008, 112, 1231-1239.	0.6	115
21	Infectious and Autoantibody-Associated Encephalitis: Clinical Features and Long-term Outcome. <i>Pediatrics</i> , 2015, 135, e974-e984.	1.0	115
22	Tonsilar NK Cells Restrict B Cell Transformation by the Epstein-Barr Virus via IFN- β . <i>PLoS Pathogens</i> , 2008, 4, e27.	2.1	113
23	Pediatric central nervous system inflammatory demyelination: acute disseminated encephalomyelitis, clinically isolated syndromes, neuromyelitis optica, and multiple sclerosis. <i>Current Opinion in Neurology</i> , 2009, 22, 233-240.	1.8	111
24	SARS-CoV-2 neutralizing antibodies: Longevity, breadth, and evasion by emerging viral variants. <i>PLoS Medicine</i> , 2021, 18, e1003656.	3.9	109
25	Utility of CSF Cytokine/Chemokines as Markers of Active Intrathecal Inflammation: Comparison of Demyelinating, Anti-NMDAR and Enteroviral Encephalitis. <i>PLoS ONE</i> , 2016, 11, e0161656.	1.1	102
26	VGKC antibodies in pediatric encephalitis presenting with status epilepticus. <i>Neurology</i> , 2011, 76, 1252-1255.	1.5	99
27	Antibody binding to neuronal surface in Sydenham chorea, but not in PANDAS or Tourette syndrome. <i>Neurology</i> , 2011, 76, 1508-1513.	1.5	90
28	NK cell survival mediated through the regulatory synapse with human DCs requires IL-15R α . <i>Journal of Clinical Investigation</i> , 2007, 117, 3316-3329.	3.9	89
29	Antibodies to Surface Dopamine-2 Receptor and N-Methyl-D-Aspartate Receptor in the First Episode of Acute Psychosis in Children. <i>Biological Psychiatry</i> , 2015, 77, 537-547.	0.7	87
30	Cerebrospinal fluid neopterin in paediatric neurology: a marker of active central nervous system inflammation. <i>Developmental Medicine and Child Neurology</i> , 2009, 51, 317-323.	1.1	85
31	Movement disorders in children with anti-NMDAR encephalitis and other autoimmune encephalopathies. <i>Movement Disorders</i> , 2014, 29, 1539-1542.	2.2	79
32	Autoimmune epilepsy in children: Case series and proposed guidelines for identification. <i>Epilepsia</i> , 2013, 54, 1036-1045.	2.6	76
33	Involvement of Insulin-Like Growth Factors in Early T Cell Development: A Study Using Fetal Thymic Organ Cultures. <i>Endocrinology</i> , 2000, 141, 1209-1217.	1.4	73
34	Characterization of the human myelin oligodendrocyte glycoprotein antibody response in demyelination. <i>Acta Neuropathologica Communications</i> , 2019, 7, 145.	2.4	71
35	Development of innate CD4+ α -chain variable gene segment 24 (V α 24) natural killer T cells in the early human fetal thymus is regulated by IL-7. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 7058-7063.	3.3	68
36	B Cell, Th17, and Neutrophil Related Cerebrospinal Fluid Cytokine/Chemokines Are Elevated in MOG Antibody Associated Demyelination. <i>PLoS ONE</i> , 2016, 11, e0149411.	1.1	66

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37	Long-term persistence of RBD+ memory B cells encoding neutralizing antibodies in SARS-CoV-2 infection. <i>Cell Reports Medicine</i> , 2021, 2, 100228.	3.3	66
38	Autoimmune Basal Ganglia Disorders. <i>Journal of Child Neurology</i> , 2012, 27, 1470-1481.	0.7	64
39	Mutations in <i>PIGY</i> : expanding the phenotype of inherited glycosylphosphatidylinositol deficiencies. <i>Human Molecular Genetics</i> , 2015, 24, 6146-6159.	1.4	64
40	Expanding Role of T Cells in Human Autoimmune Diseases of the Central Nervous System. <i>Frontiers in Immunology</i> , 2017, 8, 652.	2.2	62
41	Symptomatic treatment of children with anti-NMDAR encephalitis. <i>Developmental Medicine and Child Neurology</i> , 2016, 58, 376-384.	1.1	60
42	Rituximab monitoring and redosing in pediatric neuromyelitis optica spectrum disorder. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016, 3, e188.	3.1	60
43	Overlapping central and peripheral nervous system syndromes in MOG antibody-associated disorders. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .	3.1	58
44	AQP4 Antibody Assay Sensitivity Comparison in the Era of the 2015 Diagnostic Criteria for NMOSD. <i>Frontiers in Neurology</i> , 2019, 10, 1028.	1.1	56
45	Antibody responses to EBV and native MOG in pediatric inflammatory demyelinating CNS diseases. <i>Neurology</i> , 2010, 74, 1711-1715.	1.5	54
46	Autoantibodies to neuronal antigens in children with new-onset seizures classified according to the revised ILAE organization of seizures and epilepsies. <i>Epilepsia</i> , 2013, 54, 2091-2100.	2.6	54
47	Postencephalitic epilepsy and drug-resistant epilepsy after infectious and antibody-associated encephalitis in childhood: Clinical and etiologic risk factors. <i>Epilepsia</i> , 2016, 57, e7-e11.	2.6	54
48	Antibody binding to neuronal surface in movement disorders associated with lupus and antiphospholipid antibodies. <i>Developmental Medicine and Child Neurology</i> , 2011, 53, 522-528.	1.1	52
49	Persistent Infection of Human Thymic Epithelial Cells by Coxsackievirus B4. <i>Journal of Virology</i> , 2002, 76, 5260-5265.	1.5	51
50	Isolated seizures during the first episode of relapsing myelin oligodendrocyte glycoprotein antibody-associated demyelination in children. <i>Developmental Medicine and Child Neurology</i> , 2019, 61, 610-614.	1.1	51
51	The Tumor Antigen NY-ESO-1 Mediates Direct Recognition of Melanoma Cells by CD4+ T Cells after Intercellular Antigen Transfer. <i>Journal of Immunology</i> , 2016, 196, 64-71.	0.4	47
52	Coxsackievirus B4 Infection of Human Fetal Thymus Cells. <i>Journal of Virology</i> , 2004, 78, 9854-9861.	1.5	43
53	Autoantibodies in movement and psychiatric disorders: updated concepts in detection methods, pathogenicity, and CNS entry. <i>Annals of the New York Academy of Sciences</i> , 2015, 1351, 22-38.	1.8	42
54	Immune-mediated steroid-responsive epileptic spasms and epileptic encephalopathy associated with VGKC-complex antibodies. <i>Developmental Medicine and Child Neurology</i> , 2011, 53, 1058-1060.	1.1	40

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55	The CYP27B1 variant associated with an increased risk of autoimmune disease is underexpressed in tolerizing dendritic cells. <i>Human Molecular Genetics</i> , 2014, 23, 1425-1434.	1.4	40
56	Prolonged Viral RNA Detection in Blood and Lymphoid Tissues from <i>Coxsackievirus B4 E2</i> Orally Inoculated Swiss Mice. <i>Microbiology and Immunology</i> , 2006, 50, 971-974.	0.7	39
57	Mapping autoantigen epitopes: molecular insights into autoantibody-associated disorders of the nervous system. <i>Journal of Neuroinflammation</i> , 2016, 13, 219.	3.1	39
58	Ontogenesis and functional aspects of oxytocin and vasopressin gene expression in the thymus network. <i>Journal of Neuroimmunology</i> , 2005, 158, 67-75.	1.1	38
59	Biomarkers of inflammatory and auto-immune central nervous system disorders. <i>Current Opinion in Pediatrics</i> , 2010, 22, 718-725.	1.0	37
60	Reduced Plasma Membrane Expression of Dysferlin Mutants Is Attributed to Accelerated Endocytosis via a Syntaxin-4-associated Pathway. <i>Journal of Biological Chemistry</i> , 2010, 285, 28529-28539.	1.6	37
61	Complement Activation Is a Prominent Feature of <i>MOGAD</i> . <i>Annals of Neurology</i> , 2021, 90, 976-982.	2.8	35
62	Clinical association of intrathecal and mirrored oligoclonal bands in paediatric neurology. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 71-75.	1.1	34
63	NK cells interactions with dendritic cells shape innate and adaptive immunity. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 6443.	3.0	33
64	Uveitis and optic perineuritis in the context of myelin oligodendrocyte glycoprotein antibody seropositivity. <i>European Journal of Neurology</i> , 2019, 26, 1137.	1.7	33
65	Maternal autoimmunity and inflammation are associated with childhood tics and obsessive-compulsive disorder: Transcriptomic data show common enriched innate immune pathways. <i>Brain, Behavior, and Immunity</i> , 2021, 94, 308-317.	2.0	32
66	Platform for isolation and characterization of SARS-CoV-2 variants enables rapid characterization of Omicron in Australia. <i>Nature Microbiology</i> , 2022, 7, 896-908.	5.9	32
67	Pathogenesis of autoimmune demyelination: from multiple sclerosis to neuromyelitis optica spectrum disorders and myelin oligodendrocyte glycoprotein antibody-associated disease. <i>Clinical and Translational Immunology</i> , 2021, 10, e1316.	1.7	31
68	Risk of multiple sclerosis after a first demyelinating syndrome in an Australian Paediatric cohort: clinical, radiological features and application of the McDonald 2010 MRI criteria. <i>Multiple Sclerosis Journal</i> , 2013, 19, 1749-1759.	1.4	30
69	Cerebrospinal fluid CD19 ⁺ cell expansion in <i>N-methyl-D-aspartate</i> receptor encephalitis. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 191-193.	1.1	29
70	Autoantibody-Associated Movement Disorders. <i>Neuropediatrics</i> , 2013, 44, 336-345.	0.3	28
71	Dopamine-2 receptor extracellular N-terminus regulates receptor surface availability and is the target of human pathogenic antibodies from children with movement and psychiatric disorders. <i>Acta Neuropathologica Communications</i> , 2016, 4, 126.	2.4	28
72	Relapse Patterns in NMOSD: Evidence for Earlier Occurrence of Optic Neuritis and Possible Seasonal Variation. <i>Frontiers in Neurology</i> , 2020, 11, 537.	1.1	27

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73	Leucineâ€Rich Gliomaâ€Inactivated 1 versus Contactinâ€Associated Proteinâ€Like 2 Antibody Neuropathic Pain: Clinical and Biological Comparisons. <i>Annals of Neurology</i> , 2021, 90, 683-690.	2.8	27
74	Coxsackievirus B4 infection of murine foetal thymus organ cultures. <i>Journal of Medical Virology</i> , 2008, 80, 659-666.	2.5	26
75	Infectious Mononucleosis Triggers Generation of IgG Auto-Antibodies against Native Myelin Oligodendrocyte Glycoprotein. <i>Viruses</i> , 2016, 8, 51.	1.5	24
76	Role of the Thymus in the Development of Tolerance and Autoimmunity towards the Neuroendocrine System. <i>Annals of the New York Academy of Sciences</i> , 2003, 992, 186-195.	1.8	22
77	Magnetic resonance imaging in enterovirusâ€71, myelin oligodendrocyte glycoprotein antibody, aquaporinâ€4 antibody, and multiple sclerosisâ€associated myelitis in children. <i>Developmental Medicine and Child Neurology</i> , 2019, 61, 1108-1116.	1.1	22
78	Autoantibodies and the Immune Hypothesis in Psychotic Brain Diseases: Challenges and Perspectives. <i>Clinical and Developmental Immunology</i> , 2013, 2013, 1-10.	3.3	21
79	The Thymic Repertoire of Neuroendocrine-Related Self Antigens: Biological Role in T-Cell Selection and Pharmacological Implications. <i>NeuroImmunoModulation</i> , 1999, 6, 115-125.	0.9	19
80	The clinical profile of NMOSD in Australia and New Zealand. <i>Journal of Neurology</i> , 2020, 267, 1431-1443.	1.8	17
81	High-throughput Flow Cytometry Cell-based Assay to Detect Antibodies to N-Methyl-D-aspartate Receptor or Dopamine-2 Receptor in Human Serum. <i>Journal of Visualized Experiments</i> , 2013, , e50935.	0.2	13
82	Hashimoto's encephalopathy and anti-MOG antibody encephalitis: 50 years after Lord Brain's description. <i>European Journal of Paediatric Neurology</i> , 2017, 21, 898-901.	0.7	13
83	Maternal thyroid autoimmunity associated with acuteâ€onset neuropsychiatric disorders and global regression in offspring. <i>Developmental Medicine and Child Neurology</i> , 2019, 61, 984-988.	1.1	12
84	Emerging evidence of Toll-like receptors as a putative pathway linking maternal inflammation and neurodevelopmental disorders in human offspring: A systematic review. <i>Brain, Behavior, and Immunity</i> , 2022, 99, 91-105.	2.0	11
85	Thymic Neuroendocrine Selfâ€Antigens: Role in Tâ€Cell Development and Central Tâ€Cell Selfâ€Tolerance. <i>Annals of the New York Academy of Sciences</i> , 2000, 917, 710-723.	1.8	10
86	Single-cell approaches to investigate B cells and antibodies in autoimmune neurological disorders. <i>Cellular and Molecular Immunology</i> , 2021, 18, 294-306.	4.8	10
87	Cerebrospinal fluid Bâ€cell expansion in longitudinally extensive transverse myelitis associated with neuromyelitis optica immunoglobulin G. <i>Developmental Medicine and Child Neurology</i> , 2011, 53, 856-860.	1.1	9
88	Treatment-responsive pandysautonomia in an adolescent with ganglionic Î±3-AChR antibodies. <i>European Journal of Paediatric Neurology</i> , 2012, 16, 396-398.	0.7	9
89	Antipsychotic-induced akathisia and neuroleptic malignant syndrome in anti-NMDAR encephalitis. <i>Annals of Clinical Psychiatry</i> , 2014, 26, 297-8.	0.6	9
90	Patients with treated indolent lymphomas immunized with <sc>BNT162b2</sc> have reduced antiâ€spike neutralizing <sc>IgG</sc> to <sc>SARSâ€CoV</sc>â€2 variants, but preserved antigenâ€specific 2.0 T cell responses. <i>American Journal of Hematology</i> , 2023, 98, 131-139.		9

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91	Confirmed enterovirus encephalitis with associated steroid-responsive acute disseminated encephalomyelitis: An overlapping infection and inflammation syndrome. <i>European Journal of Paediatric Neurology</i> , 2015, 19, 266-270.	0.7	8
92	MRI Patterns Distinguish AQP4 Antibody Positive Neuromyelitis Optica Spectrum Disorder From Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2021, 12, 722237.	1.1	8
93	Effects of the Positive Threshold and Data Analysis on Human MOG Antibody Detection by Live Flow Cytometry. <i>Frontiers in Immunology</i> , 2020, 11, 119.	2.2	7
94	Validation of a Flow Cytometry Live Cell-Based Assay to Detect Myelin Oligodendrocyte Glycoprotein Antibodies for Clinical Diagnostics. <i>Journal of Applied Laboratory Medicine</i> , 2022, 7, 12-25.	0.6	7
95	Antibodies to myelin oligodendrocyte glycoprotein are uncommon in Japanese opticospinal multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2016, 22, 127-128.	1.4	5
96	PRES-like presentation in MOG antibody-related demyelination (MARD). <i>Journal of Clinical Neuroscience</i> , 2020, 72, 453-455.	0.8	5
97	Structural and functional markers of optic nerve damage in myelin oligodendrocyte glycoprotein antibody-associated optic neuritis. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2021, 7, 205521732110631.	0.5	5
98	Thymic T-cell tolerance of neuroendocrine functions: physiology and pathophysiology. <i>Cellular and Molecular Biology</i> , 2001, 47, 179-88.	0.3	4
99	Autoantibodies against aquaporin-4 and myelin oligodendrocyte glycoprotein in paediatric CNS demyelination: Recent developments and future directions. <i>Multiple Sclerosis and Related Disorders</i> , 2012, 1, 116-122.	0.9	3
100	Neuromyelitis Optica Spectrum Disorder and Anti-Aquaporin 4 Channel Immunoglobulin in an Australian Pediatric Demyelination Cohort. <i>Journal of Child Neurology</i> , 2020, 35, 291-296.	0.7	3
101	Reply to "Investigating the Immunopathogenic Mechanisms Underlying MOGAD". <i>Annals of Neurology</i> , 2022, 91, 300-301.	2.8	2
102	Central Self - Tolerance by Thymic Presentation of Self - Antigens and Autoimmunity. <i>Current Medicinal Chemistry Immunology, Endocrine & Metabolic Agents</i> , 2001, 1, 47-60.	0.2	1
103	Relapsing acute disseminated encephalomyelitis followed by optic neuritis in children; a clinical entity associated with anti-MOG antibody. <i>European Journal of Neurology</i> , 2018, 25, 1003-1004.	1.7	1
104	Pro-inflammatory dopamine D2 receptor-specific T cells in paediatric movement and psychiatric disorders. <i>Clinical and Translational Immunology</i> , 2020, 9, e1229.	1.7	1
105	Long-Term Persistence of Neutralizing Memory B Cells in SARS-CoV-2. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
106	Antibodies to Myelin Oligodendrocyte Glycoprotein have a demyelination phenotype in children and affect oligodendrocyte cytoskeleton. <i>Journal of Neuroimmunology</i> , 2014, 275, 17.	1.1	0
107	Antibodies to myelin oligodendrocyte glycoprotein in bilateral and recurrent optic neuritis. <i>Journal of Neuroimmunology</i> , 2014, 275, 23-24.	1.1	0
108	Autoimmune Movement Disorders in Children: Clinical Characteristics and Therapeutic Considerations. <i>Journal of Pediatric Neurology</i> , 2015, 13, 144-154.	0.0	0

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109	OP87 " 3001: Paediatric neurological syndromes associated with glycine receptor antibodies. European Journal of Paediatric Neurology, 2015, 19, S27.	0.7	0
110	Editorial: Induction of Central Nervous System Disease by the Adaptive Immune Response. Frontiers in Immunology, 2017, 8, 1218.	2.2	0
111	MOG antibody associated disorder (MOGAD). Advances in Clinical Neuroscience & Rehabilitation: ACNR, 0, 20, .	0.1	0
112	007"..."Immuno-therapy responsive neuropathic pain associated with LGI1 and CASPR2 antibodies. , 2021, , .		0
113	Cerebrospinal fluid free light chain quantitation is a specific biomarker for inflammatory neurological disorders in a paediatric patient cohort. Pathology, 2021, 53, 753-758.	0.3	0
114	The Central Role of the Thymus in the Development of Self-Tolerance and Autoimmunity in the Neuroendocrine System. , 2004, , 337-355.		0
115	Efficacy of Vaccine BNT162b2 (Pfizer-BioNTech) in Individuals with Waldenstrom's Macroglobulinemia and Follicular Lymphoma in Australia. Blood, 2021, 138, 816-816.	0.6	0