

Fabienne Brilot

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5757884/publications.pdf>

Version: 2024-02-01

116
papers

7,759
citations

47006

47
h-index

54911

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.	1.9	422
2	Antibodies to surface dopamine-2 receptor in autoimmune movement and psychiatric disorders. <i>Brain</i> , 2012, 135, 3453-3468.	7.6	324
3	Antibodies to MOG are transient in childhood acute disseminated encephalomyelitis. <i>Neurology</i> , 2011, 77, 580-588.	1.1	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.	3.0	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.	5.3	283
6	Utility and safety of rituximab in pediatric autoimmune and inflammatory CNS disease. <i>Neurology</i> , 2014, 83, 142-150.	1.1	275
7	Myelin-oligodendrocyte glycoprotein antibody-associated disease. <i>Lancet Neurology</i> , The, 2021, 20, 762-772.	10.2	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.	5.8	229
9	Nâ€methylâ€Dâ€aspartate receptor antibodies in pediatric dyskinetic encephalitis lethargica. <i>Annals of Neurology</i> , 2009, 66, 704-709.	5.3	223
10	CSF cytokines/chemokines as biomarkers in neuroinflammatory CNS disorders: A systematic review. <i>Cytokine</i> , 2016, 77, 227-237.	3.2	209
11	Antibodies to myelin oligodendrocyte glycoprotein in bilateral and recurrent optic neuritis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2014, 1, e40.	6.0	192
12	International multicenter examination of MOG antibody assays. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020, 7, .	6.0	180
13	Immune therapy in autoimmune encephalitis: a systematic review. <i>Expert Review of Neurotherapeutics</i> , 2015, 15, 1391-1419.	2.8	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.	3.9	160
15	Antibodies to MOG have a demyelination phenotype and affect oligodendrocyte cytoskeleton. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2014, 1, e12.	6.0	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.	4.8	158
17	Autoimmune encephalitis: Recent updates and emerging challenges. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 722-730.	1.5	131
18	Noncytotoxic Functions of NK Cells: Direct Pathogen Restriction and Assistance to Adaptive Immunity. <i>Journal of Immunology</i> , 2008, 180, 7785-7791.	0.8	130

#	ARTICLE	IF	CITATIONS
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.	0.8	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.	1.4	115
21	Infectious and Autoantibody-Associated Encephalitis: Clinical Features and Long-term Outcome. <i>Pediatrics</i> , 2015, 135, e974-e984.	2.1	115
22	Tonsilar NK Cells Restrict B Cell Transformation by the Epstein-Barr Virus via IFN- β . <i>PLoS Pathogens</i> , 2008, 4, e27.	4.7	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.	3.6	111
24	SARS-CoV-2 neutralizing antibodies: Longevity, breadth, and evasion by emerging viral variants. <i>PLoS Medicine</i> , 2021, 18, e1003656.	8.4	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.	2.5	102
26	VGKC antibodies in pediatric encephalitis presenting with status epilepticus. <i>Neurology</i> , 2011, 76, 1252-1255.	1.1	99
27	Antibody binding to neuronal surface in Sydenham chorea, but not in PANDAS or Tourette syndrome. <i>Neurology</i> , 2011, 76, 1508-1513.	1.1	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.	8.2	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.	1.3	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.	2.1	85
31	Movement disorders in children with anti-NMDAR encephalitis and other autoimmune encephalopathies. <i>Movement Disorders</i> , 2014, 29, 1539-1542.	3.9	79
32	Autoimmune epilepsy in children: Case series and proposed guidelines for identification. <i>Epilepsia</i> , 2013, 54, 1036-1045.	5.1	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.	2.8	73
34	Characterization of the human myelin oligodendrocyte glycoprotein antibody response in demyelination. <i>Acta Neuropathologica Communications</i> , 2019, 7, 145.	5.2	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.	7.1	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.	2.5	66

#	ARTICLE	IF	CITATIONS
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.	6.5	66
38	Autoimmune Basal Ganglia Disorders. <i>Journal of Child Neurology</i> , 2012, 27, 1470-1481.	1.4	64
39	Mutations in <i>PIGY</i> : expanding the phenotype of inherited glycosylphosphatidylinositol deficiencies. <i>Human Molecular Genetics</i> , 2015, 24, 6146-6159.	2.9	64
40	Expanding Role of T Cells in Human Autoimmune Diseases of the Central Nervous System. <i>Frontiers in Immunology</i> , 2017, 8, 652.	4.8	62
41	Symptomatic treatment of children with anti-NMDAR encephalitis. <i>Developmental Medicine and Child Neurology</i> , 2016, 58, 376-384.	2.1	60
42	Rituximab monitoring and redosing in pediatric neuromyelitis optica spectrum disorder. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016, 3, e188.	6.0	60
43	Overlapping central and peripheral nervous system syndromes in MOG antibody-associated disorders. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2021, 8, .	6.0	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.	2.4	56
45	Antibody responses to EBV and native MOG in pediatric inflammatory demyelinating CNS diseases. <i>Neurology</i> , 2010, 74, 1711-1715.	1.1	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.	5.1	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.	5.1	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.	2.1	52
49	Persistent Infection of Human Thymic Epithelial Cells by Coxsackievirus B4. <i>Journal of Virology</i> , 2002, 76, 5260-5265.	3.4	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.	2.1	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.	0.8	47
52	Coxsackievirus B4 Infection of Human Fetal Thymus Cells. <i>Journal of Virology</i> , 2004, 78, 9854-9861.	3.4	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.	3.8	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.	2.1	40

#	ARTICLE	IF	CITATIONS
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.	2.9	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.	1.4	39
57	Mapping autoantigen epitopes: molecular insights into autoantibody-associated disorders of the nervous system. <i>Journal of Neuroinflammation</i> , 2016, 13, 219.	7.2	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.	2.3	38
59	Biomarkers of inflammatory and auto-immune central nervous system disorders. <i>Current Opinion in Pediatrics</i> , 2010, 22, 718-725.	2.0	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.	3.4	37
61	Complement Activation Is a Prominent Feature of <i>MOGAD</i> . <i>Annals of Neurology</i> , 2021, 90, 976-982.	5.3	35
62	Clinical association of intrathecal and mirrored oligoclonal bands in paediatric neurology. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 71-75.	2.1	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.	3.3	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.	4.1	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.	13.3	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.	3.8	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.	3.0	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.	2.1	29
70	Autoantibody-Associated Movement Disorders. <i>Neuropediatrics</i> , 2013, 44, 336-345.	0.6	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.	5.2	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.	2.4	27

#	ARTICLE	IF	CITATIONS
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.	5.3	27
74	Coxsackievirus B4 infection of murine foetal thymus organ cultures. <i>Journal of Medical Virology</i> , 2008, 80, 659-666.	5.0	26
75	Infectious Mononucleosis Triggers Generation of IgG Auto-Antibodies against Native Myelin Oligodendrocyte Glycoprotein. <i>Viruses</i> , 2016, 8, 51.	3.3	24
76	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.	2.8	24
77	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.	3.8	22
78	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.	2.1	22
79	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
80	The Thymic Repertoire of Neuroendocrine-Related Self Antigens: Biological Role in T-Cell Selection and Pharmacological Implications. <i>NeuroImmunoModulation</i> , 1999, 6, 115-125.	1.8	19
81	The clinical profile of NMOSD in Australia and New Zealand. <i>Journal of Neurology</i> , 2020, 267, 1431-1443.	3.6	17
82	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.	0.3	13
83	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.	1.6	13
84	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.	2.1	12
85	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.	4.1	11
86	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.	3.8	10
87	Single-cell approaches to investigate B cells and antibodies in autoimmune neurological disorders. <i>Cellular and Molecular Immunology</i> , 2021, 18, 294-306.	10.5	10
88	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.	2.1	9
89	Treatment-responsive pandysautonomia in an adolescent with ganglionic Î±3-AChR antibodies. <i>European Journal of Paediatric Neurology</i> , 2012, 16, 396-398.	1.6	9
90	Antipsychotic-induced akathisia and neuroleptic malignant syndrome in anti-NMDAR encephalitis. <i>Annals of Clinical Psychiatry</i> , 2014, 26, 297-8.	0.6	9

#	ARTICLE	IF	CITATIONS
91	Patients with treated indolent lymphomas immunized with <scp>BNT162b2</scp> have reduced anti- ϵ spike neutralizing <scp>IgG</scp> to <scp>SARS-CoV-2</scp> variants, but preserved antigen-specific 4.1 T cell responses. American Journal of Hematology, 2023, 98, 131-139.		9
92	Confirmed enterovirus encephalitis with associated steroid-responsive acute disseminated encephalomyelitis: An overlapping infection and inflammation syndrome. European Journal of Paediatric Neurology, 2015, 19, 266-270.	1.6	8
93	MRI Patterns Distinguish AQP4 Antibody Positive Neuromyelitis Optica Spectrum Disorder From Multiple Sclerosis. Frontiers in Neurology, 2021, 12, 722237.	2.4	8
94	Effects of the Positive Threshold and Data Analysis on Human MOG Antibody Detection by Live Flow Cytometry. Frontiers in Immunology, 2020, 11, 119.	4.8	7
95	Validation of a Flow Cytometry Live Cell-Based Assay to Detect Myelin Oligodendrocyte Glycoprotein Antibodies for Clinical Diagnostics. Journal of applied laboratory medicine, The, 2022, 7, 12-25.	1.3	7
96	Antibodies to myelin oligodendrocyte glycoprotein are uncommon in Japanese opticospinal multiple sclerosis. Multiple Sclerosis Journal, 2016, 22, 127-128.	3.0	5
97	PRES-like presentation in MOG antibody-related demyelination (MARD). Journal of Clinical Neuroscience, 2020, 72, 453-455.	1.5	5
98	Structural and functional markers of optic nerve damage in myelin oligodendrocyte glycoprotein antibody-associated optic neuritis. Multiple Sclerosis Journal - Experimental, Translational and Clinical, 2021, 7, 205521732110631.	1.0	5
99	Thymic T-cell tolerance of neuroendocrine functions: physiology and pathophysiology. Cellular and Molecular Biology, 2001, 47, 179-88.	0.9	4
100	Autoantibodies against aquaporin-4 and myelin oligodendrocyte glycoprotein in paediatric CNS demyelination: Recent developments and future directions. Multiple Sclerosis and Related Disorders, 2012, 1, 116-122.	2.0	3
101	Neuromyelitis Optica Spectrum Disorder and Anti-Aquaporin 4 Channel Immunoglobulin in an Australian Pediatric Demyelination Cohort. Journal of Child Neurology, 2020, 35, 291-296.	1.4	3
102	Reply to "Investigating the Immunopathogenic Mechanisms Underlying <scp>MOGAD</scp>". Annals of Neurology, 2022, 91, 300-301.	5.3	2
103	Central Self - Tolerance by Thymic Presentation of Self - Antigens and Autoimmunity. Current Medicinal Chemistry Immunology, Endocrine & Metabolic Agents, 2001, 1, 47-60.	0.2	1
104	Relapsing acute disseminated encephalomyelitis followed by optic neuritis in children; a clinical entity associated with anti-MOG antibody. European Journal of Neurology, 2018, 25, 1003-1004.	3.3	1
105	Pro-inflammatory dopamine receptor-specific T cells in paediatric movement and psychiatric disorders. Clinical and Translational Immunology, 2020, 9, e1229.	3.8	1
106	Long-Term Persistence of Neutralizing Memory B Cells in SARS-CoV-2. SSRN Electronic Journal, 0, ,.	0.4	1
107	Antibodies to Myelin Oligodendrocyte Glycoprotein have a demyelination phenotype in children and affect oligodendrocyte cytoskeleton. Journal of Neuroimmunology, 2014, 275, 17.	2.3	0
108	Antibodies to myelin oligodendrocyte glycoprotein in bilateral and recurrent optic neuritis. Journal of Neuroimmunology, 2014, 275, 23-24.	2.3	0

#	ARTICLE	IF	CITATIONS
109	Autoimmune Movement Disorders in Children: Clinical Characteristics and Therapeutic Considerations. <i>Journal of Pediatric Neurology</i> , 2015, 13, 144-154.	0.2	0
110	OP87 â€“ 3001: Paediatric neurological syndromes associated with glycine receptor antibodies. <i>European Journal of Paediatric Neurology</i> , 2015, 19, S27.	1.6	0
111	Editorial: Induction of Central Nervous System Disease by the Adaptive Immune Response. <i>Frontiers in Immunology</i> , 2017, 8, 1218.	4.8	0
112	MOG antibody associated disorder (MOGAD). <i>Advances in Clinical Neuroscience & Rehabilitation: ACNR</i> , 0, 20, .	0.1	0
113	007â€…Immunotherapy responsive neuropathic pain associated with LGI1 and CASPR2 antibodies. , 2021, , .		0
114	Cerebrospinal fluid free light chain quantitation is a specific biomarker for inflammatory neurological disorders in a paediatric patient cohort. <i>Pathology</i> , 2021, 53, 753-758.	0.6	0
115	The Central Role of the Thymus in the Development of Self-Tolerance and Autoimmunity in the Neuroendocrine System. , 2004, , 337-355.		0
116	Efficacy of Vaccine BNT162b2 (Pfizer-BioNTech) in Individuals with Waldenstrom's Macroglobulinemia and Follicular Lymphoma in Australia. <i>Blood</i> , 2021, 138, 816-816.	1.4	0