

# Frédérique Bonnet-Brilhault

## List of Publications by Year in descending order

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Version: 2024-02-01

101  
papers

3,647  
citations

186265

28  
h-index

149698

56  
g-index

118  
all docs

118  
docs citations

118  
times ranked

5227  
citing authors

#	ARTICLE	IF	CITATIONS
1	Heterozygous variants in <i>ZBTB7A</i> cause a neurodevelopmental disorder associated with symptomatic overgrowth of pharyngeal lymphoid tissue, macrocephaly, and elevated fetal hemoglobin. <i>American Journal of Medical Genetics, Part A</i> , 2022, 188, 272-282.	1.2	4
2	Adult attention-deficit/hyperactivity disorder among alcohol use disorder inpatients is associated with food addiction and binge eating, but not BMI. <i>Appetite</i> , 2022, 168, 105665.	3.7	1
3	A Preliminary Study on Photoc Driving in the Electroencephalogram of Children with Autism across a Wide Cognitive and Behavioral Range. <i>Journal of Clinical Medicine</i> , 2022, 11, 3568.	2.4	3
4	The broad phenotypic spectrum of PPP2R1A-related neurodevelopmental disorders correlates with the degree of biochemical dysfunction. <i>Genetics in Medicine</i> , 2021, 23, 352-362.	2.4	23
5	Phase-IIa randomized, double-blind, sham-controlled, parallel group trial on anodal transcranial direct current stimulation (tDCS) over the left and right tempo-parietal junction in autism spectrum disorderâ€”StimAT: study protocol for a clinical trial. <i>Trials</i> , 2021, 22, 248.	1.6	7
6	Local Processing Bias Impacts Implicit and Explicit Memory in Autism. <i>Frontiers in Psychology</i> , 2021, 12, 622462.	2.1	2
7	When Alterations in Social Cognition Meet Subjective Complaints in Autism Spectrum Disorder: Evaluation With the â€œClacoSâ€”Battery. <i>Frontiers in Psychiatry</i> , 2021, 12, 643551.	2.6	2
8	Does Phonological Complexity Provide a Good Index of Language Disorder in Children With Cochlear Implants?. <i>Journal of Speech, Language, and Hearing Research</i> , 2021, 64, 4271-4286.	1.6	2
9	Early Intervention in Severe Autism: Positive Outcome Using Exchange and Development Therapy. <i>Frontiers in Pediatrics</i> , 2021, 9, 785762.	1.9	7
10	The pupil: a window on social automatic processing in autism spectrum disorder children. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2020, 61, 768-778.	5.2	18
11	A Preliminary Study on Cranio-Facial Characteristics Associated with Minor Neurological Dysfunctions (MNDs) in Children with Autism Spectrum Disorders (ASD). <i>Brain Sciences</i> , 2020, 10, 566.	2.3	2
12	Brain responses to change in phonological structures of varying complexity in children and adults. <i>Psychophysiology</i> , 2020, 57, e13621.	2.4	9
13	Disturbances of Continuous Sleep and Circadian Rhythms Account for Behavioral Difficulties in Children with Autism Spectrum Disorder. <i>Journal of Clinical Medicine</i> , 2020, 9, 1978.	2.4	22
14	Identifying Language and Cognitive Profiles in Children With ASD via a Cluster Analysis Exploration: Implications for the New ICDâ€”11. <i>Autism Research</i> , 2020, 13, 1155-1167.	3.8	29
15	Ophthalmological findings in children with autism spectrum disorder. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 909-916.	1.9	7
16	Brain correlates of emotional prosodic change detection in autism spectrum disorder. <i>NeuroImage: Clinical</i> , 2020, 28, 102512.	2.7	4
17	Heterogeneities in Cognitive and Socio-Emotional Development in Children With Autism Spectrum Disorder and Severe Intellectual Disability as a Comorbidity. <i>Frontiers in Psychiatry</i> , 2019, 10, 508.	2.6	18
18	Incomplete Gestation has an Impact on Cognitive Abilities in Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2019, 49, 4339-4345.	2.7	9

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19	Inflexibility in Autism Spectrum Disorder: Need for certainty and atypical emotion processing share the blame. <i>Brain and Cognition</i> , 2019, 136, 103599.	1.8	10
20	Atypical Sound Perception in ASD Explained by Inter-Trial (In)consistency in EEG. <i>Frontiers in Psychology</i> , 2019, 10, 1177.	2.1	17
21	Cranio-Facial Characteristics in Children with Autism Spectrum Disorders (ASD). <i>Journal of Clinical Medicine</i> , 2019, 8, 641.	2.4	17
22	LIMK2-1 is a Hominidae-Specific Isoform of LIMK2 Expressed in Central Nervous System and Associated with Intellectual Disability. <i>Neuroscience</i> , 2019, 399, 199-210.	2.3	6
23	What do parents of children with autism expect from participation in research? A community survey about early autism studies. <i>Autism</i> , 2019, 23, 175-186.	4.1	12
24	Disrupted behaviour in grammatical morphology in French speakers with autism spectrum disorders. <i>Clinical Linguistics and Phonetics</i> , 2018, 32, 706-720.	0.9	3
25	Evaluating Sex and Age Differences in ADI-R and ADOS Scores in a Large European Multi-site Sample of Individuals with Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2018, 48, 2490-2505.	2.7	83
26	A strategic plan to identify key neurophysiological mechanisms and brain circuits in autism. <i>Journal of Chemical Neuroanatomy</i> , 2018, 89, 69-72.	2.1	5
27	Pragmatic versus structural difficulties in the production of pronominal clitics in French-speaking children with autism spectrum disorder. <i>Autism and Developmental Language Impairments</i> , 2018, 3, 239694151879964.	1.6	15
28	Autism is a prenatal disorder: Evidence from late gestation brain overgrowth. <i>Autism Research</i> , 2018, 11, 1635-1642.	3.8	50
29	Emotional prosodic change detection in autism Spectrum disorder: an electrophysiological investigation in children and adults. <i>Journal of Neurodevelopmental Disorders</i> , 2018, 10, 28.	3.1	20
30	Minor Neurological Dysfunctions (MNDs) in Autistic Children without Intellectual Disability. <i>Journal of Clinical Medicine</i> , 2018, 7, 79.	2.4	3
31	Brain mechanisms involved in angry prosody change detection in school-age children and adults, revealed by electrophysiology. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018, 18, 748-763.	2.0	12
32	22q13 deletion syndrome: communication disorder or autism? Evidence from a specific clinical and neurophysiological phenotype. <i>Translational Psychiatry</i> , 2018, 8, 146.	4.8	26
33	Chapitre 1. Approche neuropsychologique du trouble du spectre de l' autisme. , 2018, , 1-34.		0
34	Attitudes of the autism community to early autism research. <i>Autism</i> , 2017, 21, 61-74.	4.1	51
35	Presbyopia compensation: looking for cortical predictors. <i>British Journal of Ophthalmology</i> , 2017, 101, 223-226.	3.9	10
36	Atypical sound discrimination in children with ASD as indicated by cortical ERPs. <i>Journal of Neurodevelopmental Disorders</i> , 2017, 9, 13.	3.1	22

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37	Production and comprehension of French <i>wh</i> -questions by children with autism spectrum disorder: A comparative study with specific language impairment. <i>Applied Psycholinguistics</i> , 2017, 38, 1095-1131.	1.1	19
38	Facial Expression Related vMMN: Disentangling Emotional from Neutral Change Detection. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 18.	2.0	39
39	The effect of computational complexity on the acquisition of French by children with ASD. , 2017, , 115-140.		25
40	Atypical Brain Mechanisms of Prediction According to Uncertainty in Autism. <i>Frontiers in Neuroscience</i> , 2016, 10, 317.	2.8	29
41	Brief Report: Early VEPs to Pattern-Reversal in Adolescents and Adults with Autism. <i>Journal of Autism and Developmental Disorders</i> , 2016, 46, 3377-3386.	2.7	17
42	Eye Movement Monitoring and Maturation of Human Face Exploration. <i>Medical Principles and Practice</i> , 2016, 25, 548-554.	2.4	5
43	GABA/Glutamate synaptic pathways targeted by integrative genomic and electrophysiological explorations distinguish autism from intellectual disability. <i>Molecular Psychiatry</i> , 2016, 21, 411-418.	7.9	31
44	Use of early intervention for young children with autism spectrum disorder across Europe. <i>Autism</i> , 2016, 20, 233-249.	4.1	100
45	Impaired Facilitatory Mechanisms of Auditory Attention After Damage of the Lateral Prefrontal Cortex. <i>Cerebral Cortex</i> , 2015, 25, 4126-4134.	2.9	33
46	Mutation screening of the ubiquitin ligase gene RNF135 in French patients with autism. <i>Psychiatric Genetics</i> , 2015, 25, 263-267.	1.1	18
47	Sustained attention and prediction: distinct brain maturation trajectories during adolescence. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 519.	2.0	32
48	An odor identification approach based on event-related pupil dilation and gaze focus. <i>International Journal of Psychophysiology</i> , 2015, 96, 201-209.	1.0	9
49	Asymmetry of temporal auditory T-complex: Right ear "left hemisphere advantage in Tb timing in children. <i>International Journal of Psychophysiology</i> , 2015, 95, 94-100.	1.0	5
50	Is my voice just a familiar voice? An electrophysiological study. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 101-105.	3.0	26
51	Metabolomics Study of Urine in Autism Spectrum Disorders Using a Multiplatform Analytical Methodology. <i>Journal of Proteome Research</i> , 2015, 14, 5273-5282.	3.7	98
52	Interventions ultra-précoces dans les troubles du spectre de l'autisme. <i>European Psychiatry</i> , 2015, 30, S70-S71.	0.2	0
53	Cortical Electrophysiological Markers of Language Abilities in Children with Hearing Aids: A Pilot Study. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	2
54	Event-related potential and eye tracking evidence of the developmental dynamics of face processing. <i>European Journal of Neuroscience</i> , 2014, 39, 1349-1362.	2.6	23

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55	Hallucinations and negative symptoms differentially revealed by frontal and temporal responses to speech in schizophrenia. <i>Schizophrenia Research</i> , 2014, 155, 39-44.	2.0	5
56	Gender Identity Disorder and Autism Spectrum Disorder in a 23-Year-Old Female. <i>Archives of Sexual Behavior</i> , 2014, 43, 395-398.	1.9	22
57	La mémoire autobiographique chez l'enfant avec Trouble du Spectre Autistique: du passé au futur. <i>European Psychiatry</i> , 2014, 29, 601-602.	0.2	1
58	Combined <sup>1</sup> H-NMR and <sup>13</sup> C HSQC-NMR to improve urinary screening in autism spectrum disorders. <i>Analyst</i> , 2014, 139, 3460-3468.	3.5	46
59	Urinary p-cresol is elevated in young French children with autism spectrum disorder: a replication study. <i>Biomarkers</i> , 2014, 19, 463-470.	1.9	88
60	Subjective and physiological emotional response in euthymic bipolar patients: A pilot study. <i>Psychiatry Research</i> , 2014, 220, 294-301.	3.3	11
61	Identification of Nine New RAI1-Truncating Mutations in Smith-Magenis Syndrome Patients without 17p11.2 Deletions. <i>Molecular Syndromology</i> , 2014, 5, 57-64.	0.8	22
62	“Please Draw Me a Face”   Atypical Face Mental Concept in Autism. <i>Psychology</i> , 2014, 05, 1392-1403.	0.5	2
63	Impaired vitality form recognition in autism. <i>Neuropsychologia</i> , 2013, 51, 1918-1924.	1.6	61
64	fMRI investigation of visual change detection in adults with autism. <i>NeuroImage: Clinical</i> , 2013, 2, 303-312.	2.7	33
65	Discrimination between biological motion with and without social intention: A pilot study using visual scanning in healthy adults. <i>International Journal of Psychophysiology</i> , 2013, 88, 47-54.	1.0	6
66	<sup>1</sup> H- <sup>13</sup> C NMR-based urine metabolic profiling in autism spectrum disorders. <i>Talanta</i> , 2013, 114, 95-102.	5.5	79
67	Atypical visual change processing in children with autism: An electrophysiological Study. <i>Psychophysiology</i> , 2013, 50, 240-252.	2.4	35
68	GC-MS-based urine metabolic profiling of autism spectrum disorders. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 5291-5300.	3.7	109
69	My Voice or Yours? An Electrophysiological Study. <i>Brain Topography</i> , 2013, 26, 72-82.	1.8	35
70	Xq27 FRAXA Locus is a Strong Candidate for Dyslexia: Evidence from a Genome-Wide Scan in French Families. <i>Behavior Genetics</i> , 2013, 43, 132-140.	2.1	8
71	Back to Basic: Do Children with Autism Spontaneously Look at Screen Displaying a Face or an Object?. <i>Autism Research &amp; Treatment</i> , 2013, 2013, 1-7.	0.5	12
72	Cerebral functional asymmetry and phonological performance in dyslexic adults. <i>Psychophysiology</i> , 2013, 50, 1226-1238.	2.4	12

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73	Electrophysiological evidence of atypical visual change detection in adults with autism. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 62.	2.0	21
74	Minimization of cochlear implant artifact in cortical auditory evoked potentials in children. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2012, 76, 1627-1632.	1.0	16
75	Automatic visual change perception through typical development and in autism: An electrophysiological study. <i>International Journal of Psychophysiology</i> , 2012, 85, 299.	1.0	0
76	Psychostimulants for ADHD-like symptoms in individuals with autism spectrum disorders. <i>Expert Review of Neurotherapeutics</i> , 2012, 12, 461-473.	2.8	48
77	Quality of life of adolescents with autism spectrum disorders: comparison to adolescents with diabetes. <i>European Child and Adolescent Psychiatry</i> , 2012, 21, 289-296.	4.7	57
78	Dynamics of anticipatory mechanisms during predictive context processing. <i>European Journal of Neuroscience</i> , 2012, 36, 2996-3004.	2.6	30
79	Can pupil size and pupil responses during visual scanning contribute to the diagnosis of autism spectrum disorder in children?. <i>Journal of Psychiatric Research</i> , 2011, 45, 1077-1082.	3.1	85
80	An electrophysiological correlate of voice processing in 4- to 5-year-old children. <i>International Journal of Psychophysiology</i> , 2010, 75, 44-47.	1.0	32
81	Emotional faces, avatars and objects: Visual fixation patterns in children with Autism Spectrum Disorder (ASD). <i>International Journal of Psychophysiology</i> , 2010, 77, 233-233.	1.0	0
82	Visual automatic change detection in children with autism: An electrophysiological study. <i>International Journal of Psychophysiology</i> , 2010, 77, 235-236.	1.0	0
83	Electrophysiological evidence for aging effects on local contextual processing. <i>Cortex</i> , 2010, 46, 498-506.	2.4	23
84	Could autism with mental retardation result from digenism and frequent de novo mutations?. <i>World Journal of Biological Psychiatry</i> , 2009, 10, 1030-1036.	2.6	5
85	Recurrent Rearrangements in Synaptic and Neurodevelopmental Genes and Shared Biologic Pathways in Schizophrenia, Autism, and Mental Retardation. <i>Archives of General Psychiatry</i> , 2009, 66, 947.	12.3	374
86	Exploration of core features of a human face by healthy and autistic adults analyzed by visual scanning. <i>Neuropsychologia</i> , 2009, 47, 1004-1012.	1.6	133
87	Validation of the repetitive and restricted behaviour scale in autism spectrum disorders. <i>European Child and Adolescent Psychiatry</i> , 2009, 18, 675-682.	4.7	28
88	Autism and Nonsyndromic Mental Retardation Associated with a De Novo Mutation in the NLGN4X Gene Promoter Causing an Increased Expression Level. <i>Biological Psychiatry</i> , 2009, 66, 906-910.	1.3	61
89	An ADHD 6-year-old Child Ultrarapid Metabolizer for CYP2D6. <i>Journal of Clinical Psychopharmacology</i> , 2006, 26, 442-444.	1.4	7
90	Auditory evoked potentials to tones and syllables in adults: evidence of specific influence on N250 wave. <i>Neuroscience Letters</i> , 2005, 378, 145-149.	2.1	15

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91	X-Linked Mental Retardation and Autism Are Associated with a Mutation in the NLGN4 Gene, a Member of the Neuroligin Family. <i>American Journal of Human Genetics</i> , 2004, 74, 552-557.	6.2	686
92	Cortical auditory processing and communication in children with autism: electrophysiological/behavioral relations. <i>International Journal of Psychophysiology</i> , 2003, 51, 17-25.	1.0	93
93	Mutation screening and association study of the UBE2H gene on chromosome 7q32 in autistic disorder. <i>Psychiatric Genetics</i> , 2003, 13, 221-225.	1.1	26
94	The 2 bp deletion in exon 6 of the $\alpha$ 7-like nicotinic receptor subunit gene is a risk factor for the P50 sensory gating deficit. <i>Molecular Psychiatry</i> , 2002, 7, 1006-1011.	7.9	93
95	Concordance of deficit and non-deficit subtypes in siblings affected with schizophrenia. <i>Psychiatry Research</i> , 2001, 102, 59-64.	3.3	7
96	No evidence for involvement of KCNN3 (hSKCa3) potassium channel gene in familial and isolated cases of schizophrenia. <i>European Journal of Human Genetics</i> , 1999, 7, 247-250.	2.8	32
97	Anticipation in schizophrenia: No evidence of expanded CAG/CTG repeat sequences in French families and sporadic cases. , 1998, 81, 342-346.		11
98	Serotonin transporter gene polymorphism and schizophrenia: An association study. <i>Schizophrenia Research</i> , 1998, 29, 128.	2.0	0
99	A case of paroxetine-induced akathisia and a review of SSRI-induced akathisia. <i>European Psychiatry</i> , 1998, 13, 109-111.	0.2	10
100	Serotonin transporter gene polymorphism and schizophrenia: An association study. <i>Biological Psychiatry</i> , 1997, 42, 634-636.	1.3	29
101	Sentence repetition and language impairment in French-speaking children with ASD. <i>Language Acquisition and Language Disorders</i> , 0, , 235-258.	0.1	6