

# Frédérique Bonnet-Brilhault

## List of Publications by Year in descending order

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101  
papers

3,647  
citations

186209

28  
h-index

149623

56  
g-index

118  
all docs

118  
docs citations

118  
times ranked

5227  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.6	686
2	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.	13.8	374
3	Exploration of core features of a human face by healthy and autistic adults analyzed by visual scanning. <i>Neuropsychologia</i> , 2009, 47, 1004-1012.	0.7	133
4	GC-MS-based urine metabolic profiling of autism spectrum disorders. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 5291-5300.	1.9	109
5	Use of early intervention for young children with autism spectrum disorder across Europe. <i>Autism</i> , 2016, 20, 233-249.	2.4	100
6	Metabolomics Study of Urine in Autism Spectrum Disorders Using a Multiplatform Analytical Methodology. <i>Journal of Proteome Research</i> , 2015, 14, 5273-5282.	1.8	98
7	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.	4.1	93
8	Cortical auditory processing and communication in children with autism: electrophysiological/behavioral relations. <i>International Journal of Psychophysiology</i> , 2003, 51, 17-25.	0.5	93
9	Urinary p-cresol is elevated in young French children with autism spectrum disorder: a replication study. <i>Biomarkers</i> , 2014, 19, 463-470.	0.9	88
10	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.	1.5	85
11	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.	1.7	83
12	$^{1}H$ - $^{13}C$ NMR-based urine metabolic profiling in autism spectrum disorders. <i>Talanta</i> , 2013, 114, 95-102.	2.9	79
13	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.	0.7	61
14	Impaired vitality form recognition in autism. <i>Neuropsychologia</i> , 2013, 51, 1918-1924.	0.7	61
15	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.	2.8	57
16	Attitudes of the autism community to early autism research. <i>Autism</i> , 2017, 21, 61-74.	2.4	51
17	Autism is a prenatal disorder: Evidence from late gestation brain overgrowth. <i>Autism Research</i> , 2018, 11, 1635-1642.	2.1	50
18	Psychostimulants for ADHD-like symptoms in individuals with autism spectrum disorders. <i>Expert Review of Neurotherapeutics</i> , 2012, 12, 461-473.	1.4	48

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19	Combined <sup>1</sup> H-NMR and <sup>13</sup> C HSQC-NMR to improve urinary screening in autism spectrum disorders. <i>Analyst</i> , The, 2014, 139, 3460-3468.	1.7	46
20	Facial Expression Related vMMN: Disentangling Emotional from Neutral Change Detection. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 18.	1.0	39
21	Atypical visual change processing in children with autism: An electrophysiological Study. <i>Psychophysiology</i> , 2013, 50, 240-252.	1.2	35
22	My Voice or Yours? An Electrophysiological Study. <i>Brain Topography</i> , 2013, 26, 72-82.	0.8	35
23	fMRI investigation of visual change detection in adults with autism. <i>NeuroImage: Clinical</i> , 2013, 2, 303-312.	1.4	33
24	Impaired Facilitatory Mechanisms of Auditory Attention After Damage of the Lateral Prefrontal Cortex. <i>Cerebral Cortex</i> , 2015, 25, 4126-4134.	1.6	33
25	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.	1.4	32
26	An electrophysiological correlate of voice processing in 4- to 5-year-old children. <i>International Journal of Psychophysiology</i> , 2010, 75, 44-47.	0.5	32
27	Sustained attention and prediction: distinct brain maturation trajectories during adolescence. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 519.	1.0	32
28	GABA/Glutamate synaptic pathways targeted by integrative genomic and electrophysiological explorations distinguish autism from intellectual disability. <i>Molecular Psychiatry</i> , 2016, 21, 411-418.	4.1	31
29	Dynamics of anticipatory mechanisms during predictive context processing. <i>European Journal of Neuroscience</i> , 2012, 36, 2996-3004.	1.2	30
30	Serotonin transporter gene polymorphism and schizophrenia: An association study. <i>Biological Psychiatry</i> , 1997, 42, 634-636.	0.7	29
31	Atypical Brain Mechanisms of Prediction According to Uncertainty in Autism. <i>Frontiers in Neuroscience</i> , 2016, 10, 317.	1.4	29
32	Identifying Language and Cognitive Profiles in Children With ASD via a Cluster Analysis Exploration: Implications for the New ICD-11. <i>Autism Research</i> , 2020, 13, 1155-1167.	2.1	29
33	Validation of the repetitive and restricted behaviour scale in autism spectrum disorders. <i>European Child and Adolescent Psychiatry</i> , 2009, 18, 675-682.	2.8	28
34	Mutation screening and association study of the UBE2H gene on chromosome 7q32 in autistic disorder. <i>Psychiatric Genetics</i> , 2003, 13, 221-225.	0.6	26
35	Is my voice just a familiar voice? An electrophysiological study. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 101-105.	1.5	26
36	22q13 deletion syndrome: communication disorder or autism? Evidence from a specific clinical and neurophysiological phenotype. <i>Translational Psychiatry</i> , 2018, 8, 146.	2.4	26

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37	The effect of computational complexity on the acquisition of French by children with ASD. , 2017, , 115-140.		25
38	Electrophysiological evidence for aging effects on local contextual processing. Cortex, 2010, 46, 498-506.	1.1	23
39	Event-related potential and eye tracking evidence of the developmental dynamics of face processing. European Journal of Neuroscience, 2014, 39, 1349-1362.	1.2	23
40	The broad phenotypic spectrum of PPP2R1A-related neurodevelopmental disorders correlates with the degree of biochemical dysfunction. Genetics in Medicine, 2021, 23, 352-362.	1.1	23
41	Gender Identity Disorder and Autism Spectrum Disorder in a 23-Year-Old Female. Archives of Sexual Behavior, 2014, 43, 395-398.	1.2	22
42	Identification of Nine New RAI1-Truncating Mutations in Smith-Magenis Syndrome Patients without 17p11.2 Deletions. Molecular Syndromology, 2014, 5, 57-64.	0.3	22
43	Atypical sound discrimination in children with ASD as indicated by cortical ERPs. Journal of Neurodevelopmental Disorders, 2017, 9, 13.	1.5	22
44	Disturbances of Continuous Sleep and Circadian Rhythms Account for Behavioral Difficulties in Children with Autism Spectrum Disorder. Journal of Clinical Medicine, 2020, 9, 1978.	1.0	22
45	Electrophysiological evidence of atypical visual change detection in adults with autism. Frontiers in Human Neuroscience, 2013, 7, 62.	1.0	21
46	Emotional prosodic change detection in autism Spectrum disorder: an electrophysiological investigation in children and adults. Journal of Neurodevelopmental Disorders, 2018, 10, 28.	1.5	20
47	Production and comprehension of French<i>wh</i>-questions by children with autism spectrum disorder: A comparative study with specific language impairment. Applied Psycholinguistics, 2017, 38, 1095-1131.	0.8	19
48	Mutation screening of the ubiquitin ligase gene RNF135 in French patients with autism. Psychiatric Genetics, 2015, 25, 263-267.	0.6	18
49	Heterogeneities in Cognitive and Socio-Emotional Development in Children With Autism Spectrum Disorder and Severe Intellectual Disability as a Comorbidity. Frontiers in Psychiatry, 2019, 10, 508.	1.3	18
50	The pupil: a window on social automatic processing in autism spectrum disorder children. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2020, 61, 768-778.	3.1	18
51	Brief Report: Early VEPs to Pattern-Reversal in Adolescents and Adults with Autism. Journal of Autism and Developmental Disorders, 2016, 46, 3377-3386.	1.7	17
52	Atypical Sound Perception in ASD Explained by Inter-Trial (In)consistency in EEG. Frontiers in Psychology, 2019, 10, 1177.	1.1	17
53	Cranio-Facial Characteristics in Children with Autism Spectrum Disorders (ASD). Journal of Clinical Medicine, 2019, 8, 641.	1.0	17
54	Minimization of cochlear implant artifact in cortical auditory evoked potentials in children. International Journal of Pediatric Otorhinolaryngology, 2012, 76, 1627-1632.	0.4	16

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55	Auditory evoked potentials to tones and syllables in adults: evidence of specific influence on N250 wave. <i>Neuroscience Letters</i> , 2005, 378, 145-149.	1.0	15
56	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.	0.8	15
57	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.	0.1	12
58	Cerebral functional asymmetry and phonological performance in dyslexic adults. <i>Psychophysiology</i> , 2013, 50, 1226-1238.	1.2	12
59	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.	1.0	12
60	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.	2.4	12
61	Anticipation in schizophrenia: No evidence of expanded CAG/CTG repeat sequences in French families and sporadic cases. , 1998, 81, 342-346.		11
62	Subjective and physiological emotional response in euthymic bipolar patients: A pilot study. <i>Psychiatry Research</i> , 2014, 220, 294-301.	1.7	11
63	A case of paroxetine-induced akathisia and a review of SSRI-induced akathisia. <i>European Psychiatry</i> , 1998, 13, 109-111.	0.1	10
64	Presbyopia compensation: looking for cortical predictors. <i>British Journal of Ophthalmology</i> , 2017, 101, 223-226.	2.1	10
65	Inflexibility in Autism Spectrum Disorder: Need for certainty and atypical emotion processing share the blame. <i>Brain and Cognition</i> , 2019, 136, 103599.	0.8	10
66	An odor identification approach based on event-related pupil dilation and gaze focus. <i>International Journal of Psychophysiology</i> , 2015, 96, 201-209.	0.5	9
67	Incomplete Gestation has an Impact on Cognitive Abilities in Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2019, 49, 4339-4345.	1.7	9
68	Brain responses to change in phonological structures of varying complexity in children and adults. <i>Psychophysiology</i> , 2020, 57, e13621.	1.2	9
69	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.	1.4	8
70	Concordance of deficit and non-deficit subtypes in siblings affected with schizophrenia. <i>Psychiatry Research</i> , 2001, 102, 59-64.	1.7	7
71	An ADHD 6-year-old Child Ultrarapid Metabolizer for CYP2D6. <i>Journal of Clinical Psychopharmacology</i> , 2006, 26, 442-444.	0.7	7
72	Ophthalmological findings in children with autism spectrum disorder. <i>Graefes's Archive for Clinical and Experimental Ophthalmology</i> , 2020, 258, 909-916.	1.0	7

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73	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.	0.7	7
74	Early Intervention in Severe Autism: Positive Outcome Using Exchange and Development Therapy. <i>Frontiers in Pediatrics</i> , 2021, 9, 785762.	0.9	7
75	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.	0.5	6
76	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.	1.1	6
77	Sentence repetition and language impairment in French-speaking children with ASD. <i>Language Acquisition and Language Disorders</i> , 0, , 235-258.	0.1	6
78	Could autism with mental retardation result from digenism and frequent de novo mutations?. <i>World Journal of Biological Psychiatry</i> , 2009, 10, 1030-1036.	1.3	5
79	Hallucinations and negative symptoms differentially revealed by frontal and temporal responses to speech in schizophrenia. <i>Schizophrenia Research</i> , 2014, 155, 39-44.	1.1	5
80	Asymmetry of temporal auditory T-complex: Right earâ€”left hemisphere advantage in Tb timing in children. <i>International Journal of Psychophysiology</i> , 2015, 95, 94-100.	0.5	5
81	Eye Movement Monitoring and Maturation of Human Face Exploration. <i>Medical Principles and Practice</i> , 2016, 25, 548-554.	1.1	5
82	A strategic plan to identify key neurophysiological mechanisms and brain circuits in autism. <i>Journal of Chemical Neuroanatomy</i> , 2018, 89, 69-72.	1.0	5
83	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.	0.7	4
84	Brain correlates of emotional prosodic change detection in autism spectrum disorder. <i>NeuroImage: Clinical</i> , 2020, 28, 102512.	1.4	4
85	Disrupted behaviour in grammatical morphology in French speakers with autism spectrum disorders. <i>Clinical Linguistics and Phonetics</i> , 2018, 32, 706-720.	0.5	3
86	Minor Neurological Dysfunctions (MNDs) in Autistic Children without Intellectual Disability. <i>Journal of Clinical Medicine</i> , 2018, 7, 79.	1.0	3
87	A Preliminary Study on Photic Driving in the Electroencephalogram of Children with Autism across a Wide Cognitive and Behavioral Range. <i>Journal of Clinical Medicine</i> , 2022, 11, 3568.	1.0	3
88	Cortical Electrophysiological Markers of Language Abilities in Children with Hearing Aids: A Pilot Study. <i>BioMed Research International</i> , 2014, 2014, 1-7.	0.9	2
89	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.	1.1	2
90	Local Processing Bias Impacts Implicit and Explicit Memory in Autism. <i>Frontiers in Psychology</i> , 2021, 12, 622462.	1.1	2

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91	When Alterations in Social Cognition Meet Subjective Complaints in Autism Spectrum Disorder: Evaluation With the "ClacoS" Battery. <i>Frontiers in Psychiatry</i> , 2021, 12, 643551.	1.3	2
92	"Please Draw Me a Face"   Atypical Face Mental Concept in Autism. <i>Psychology</i> , 2014, 05, 1392-1403.	0.3	2
93	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.	0.7	2
94	La mémoire autobiographique chez l'enfant avec Trouble du Spectre Autistique: du passé au futur. <i>European Psychiatry</i> , 2014, 29, 601-602.	0.1	1
95	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.	1.8	1
96	Serotonin transporter gene polymorphism and schizophrenia: An association study. <i>Schizophrenia Research</i> , 1998, 29, 128.	1.1	0
97	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.	0.5	0
98	Visual automatic change detection in children with autism: An electrophysiological study. <i>International Journal of Psychophysiology</i> , 2010, 77, 235-236.	0.5	0
99	Automatic visual change perception through typical development and in autism: An electrophysiological study. <i>International Journal of Psychophysiology</i> , 2012, 85, 299.	0.5	0
100	Interventions ultra-précoces dans les troubles du spectre de l'autisme. <i>European Psychiatry</i> , 2015, 30, S70-S71.	0.1	0
101	Chapitre 1. Approche neuropsychologique du trouble du spectre de l'autisme. , 2018, , 1-34.		0