

Frédérique Bonnet-Brilhault

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98
papers

2,784
citations

24
h-index

50
g-index

118
ext. papers

3,283
ext. citations

4.1
avg. IF

4.52
L-index

#	Paper	IF	Citations
98	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, 552-7	11	594
97	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, 947-56		334
96	Exploration of core features of a human face by healthy and autistic adults analyzed by visual scanning. <i>Neuropsychologia</i> , 2009 , 47, 1004-12	3.2	108
95	GC-MS-based urine metabolic profiling of autism spectrum disorders. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 5291-300	4.4	87
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, 1006-11	15.1	84
93	Metabolomics Study of Urine in Autism Spectrum Disorders Using a Multiplatform Analytical Methodology. <i>Journal of Proteome Research</i> , 2015 , 14, 5273-82	5.6	80
92	Cortical auditory processing and communication in children with autism: electrophysiological/behavioral relations. <i>International Journal of Psychophysiology</i> , 2003 , 51, 17-25	2.9	77
91	Use of early intervention for young children with autism spectrum disorder across Europe. <i>Autism</i> , 2016 , 20, 233-49	6.6	76
90	Urinary p-cresol is elevated in young French children with autism spectrum disorder: a replication study. <i>Biomarkers</i> , 2014 , 19, 463-70	2.6	65
89	1H-13C NMR-based urine metabolic profiling in autism spectrum disorders. <i>Talanta</i> , 2013 , 114, 95-102	6.2	64
88	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, 1077-82	5.2	61
87	Impaired vitality form recognition in autism. <i>Neuropsychologia</i> , 2013 , 51, 1918-24	3.2	52
86	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, 906-10	7.9	50
85	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	4.6	49
84	Quality of life of adolescents with autism spectrum disorders: comparison to adolescents with diabetes. <i>European Child and Adolescent Psychiatry</i> , 2012 , 21, 289-96	5.5	41
83	Combined 1H-NMR and 1H-13C HSQC-NMR to improve urinary screening in autism spectrum disorders. <i>Analyst, The</i> , 2014 , 139, 3460-8	5	36
82	Psychostimulants for ADHD-like symptoms in individuals with autism spectrum disorders. <i>Expert Review of Neurotherapeutics</i> , 2012 , 12, 461-73	4.3	36

81	Attitudes of the autism community to early autism research. <i>Autism</i> , 2017 , 21, 61-74	6.6	33
80	An electrophysiological correlate of voice processing in 4- to 5-year-old children. <i>International Journal of Psychophysiology</i> , 2010 , 75, 44-7	2.9	30
79	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, 247-50	5.3	30
78	Atypical visual change processing in children with autism: an electrophysiological study. <i>Psychophysiology</i> , 2013 , 50, 240-52	4.1	29
77	My voice or yours? An electrophysiological study. <i>Brain Topography</i> , 2013 , 26, 72-82	4.3	28
76	Serotonin transporter gene polymorphism and schizophrenia: an association study. <i>Biological Psychiatry</i> , 1997 , 42, 634-6	7.9	27
75	Dynamics of anticipatory mechanisms during predictive context processing. <i>European Journal of Neuroscience</i> , 2012 , 36, 2996-3004	3.5	25
74	Sustained attention and prediction: distinct brain maturation trajectories during adolescence. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 519	3.3	23
73	Autism is a prenatal disorder: Evidence from late gestation brain overgrowth. <i>Autism Research</i> , 2018 , 11, 1635-1642	5.1	23
72	fMRI investigation of visual change detection in adults with autism. <i>NeuroImage: Clinical</i> , 2013 , 2, 303-12	5.3	22
71	Facial Expression Related vMMN: Disentangling Emotional from Neutral Change Detection. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 18	3.3	22
70	Is my voice just a familiar voice? An electrophysiological study. <i>Social Cognitive and Affective Neuroscience</i> , 2015 , 10, 101-5	4	21
69	Mutation screening and association study of the UBE2H gene on chromosome 7q32 in autistic disorder. <i>Psychiatric Genetics</i> , 2003 , 13, 221-5	2.9	21
68	GABA/Glutamate synaptic pathways targeted by integrative genomic and electrophysiological explorations distinguish autism from intellectual disability. <i>Molecular Psychiatry</i> , 2016 , 21, 411-8	15.1	19
67	Event-related potential and eye tracking evidence of the developmental dynamics of face processing. <i>European Journal of Neuroscience</i> , 2014 , 39, 1349-62	3.5	19
66	Electrophysiological evidence for aging effects on local contextual processing. <i>Cortex</i> , 2010 , 46, 498-506	3.8	19
65	The effect of computational complexity on the acquisition of French by children with ASD. 115-140		19
64	Atypical Brain Mechanisms of Prediction According to Uncertainty in Autism. <i>Frontiers in Neuroscience</i> , 2016 , 10, 317	5.1	19

63	Identification of Nine New RAI1-Truncating Mutations in Smith-Magenis Syndrome Patients without 17p11.2 Deletions. <i>Molecular Syndromology</i> , 2014 , 5, 57-64	1.5	18
62	Impaired Facilitatory Mechanisms of Auditory Attention After Damage of the Lateral Prefrontal Cortex. <i>Cerebral Cortex</i> , 2015 , 25, 4126-34	5.1	18
61	Gender identity disorder and autism spectrum disorder in a 23-year-old female. <i>Archives of Sexual Behavior</i> , 2014 , 43, 395-8	3.5	17
60	Electrophysiological evidence of atypical visual change detection in adults with autism. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 62	3.3	17
59	Validation of the repetitive and restricted behaviour scale in autism spectrum disorders. <i>European Child and Adolescent Psychiatry</i> , 2009 , 18, 675-82	5.5	17
58	Minimization of cochlear implant artifact in cortical auditory evoked potentials in children. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2012 , 76, 1627-32	1.7	15
57	Atypical sound discrimination in children with ASD as indicated by cortical ERPs. <i>Journal of Neurodevelopmental Disorders</i> , 2017 , 9, 13	4.6	14
56	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	5.1	14
55	Mutation screening of the ubiquitin ligase gene RNF135 in French patients with autism. <i>Psychiatric Genetics</i> , 2015 , 25, 263-7	2.9	14
54	Emotional prosodic change detection in autism Spectrum disorder: an electrophysiological investigation in children and adults. <i>Journal of Neurodevelopmental Disorders</i> , 2018 , 10, 28	4.6	14
53	22q13 deletion syndrome: communication disorder or autism? Evidence from a specific clinical and neurophysiological phenotype. <i>Translational Psychiatry</i> , 2018 , 8, 146	8.6	13
52	Production and comprehension of French wh-questions by children with autism spectrum disorder: A comparative study with specific language impairment. <i>Applied Psycholinguistics</i> , 2017 , 38, 1095-1131	1.4	13
51	Auditory evoked potentials to tones and syllables in adults: evidence of specific influence on N250 wave. <i>Neuroscience Letters</i> , 2005 , 378, 145-9	3.3	12
50	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,	5.1	11
49	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	1.8	11
48	Atypical Sound Perception in ASD Explained by Inter-Trial (In)consistency in EEG. <i>Frontiers in Psychology</i> , 2019 , 10, 1177	3.4	10
47	Brief Report: Early VEPs to Pattern-Reversal in Adolescents and Adults with Autism. <i>Journal of Autism and Developmental Disorders</i> , 2016 , 46, 3377-86	4.6	10
46	Subjective and physiological emotional response in euthymic bipolar patients: a pilot study. <i>Psychiatry Research</i> , 2014 , 220, 294-301	9.9	10

45	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	5	9
44	Back to basic: do children with autism spontaneously look at screen displaying a face or an object?. <i>Autism Research & Treatment</i> , 2013 , 2013, 835247	3.2	9
43	Anticipation in schizophrenia: no evidence of expanded CAG/CTG repeat sequences in French families and sporadic cases. <i>American Journal of Medical Genetics Part A</i> , 1998 , 81, 342-6		9
42	Xq27 FRAXA locus is a strong candidate for dyslexia: evidence from a genome-wide scan in French families. <i>Behavior Genetics</i> , 2013 , 43, 132-40	3.2	8
41	Cerebral functional asymmetry and phonological performance in dyslexic adults. <i>Psychophysiology</i> , 2013 , 50, 1226-38	4.1	8
40	Concordance of deficit and non-deficit subtypes in siblings affected with schizophrenia. <i>Psychiatry Research</i> , 2001 , 102, 59-64	9.9	7
39	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	7.9	7
38	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	6.6	7
37	Presbyopia compensation: looking for cortical predictors. <i>British Journal of Ophthalmology</i> , 2017 , 101, 223-226	5.5	6
36	An odor identification approach based on event-related pupil dilation and gaze focus. <i>International Journal of Psychophysiology</i> , 2015 , 96, 201-9	2.9	6
35	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	3.5	6
34	Inflexibility in Autism Spectrum Disorder: Need for certainty and atypical emotion processing share the blame. <i>Brain and Cognition</i> , 2019 , 136, 103599	2.7	5
33	Cranio-Facial Characteristics in Children with Autism Spectrum Disorders (ASD). <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	5
32	Hallucinations and negative symptoms differentially revealed by frontal and temporal responses to speech in schizophrenia. <i>Schizophrenia Research</i> , 2014 , 155, 39-44	3.6	5
31	An ADHD 6-year-old child ultrarapid metabolizer for CYP2D6. <i>Journal of Clinical Psychopharmacology</i> , 2006 , 26, 442-4	1.7	5
30	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	8.1	5
29	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	2.9	4
28	Ophthalmological findings in children with autism spectrum disorder. <i>Graefes Archive for Clinical and Experimental Ophthalmology</i> , 2020 , 258, 909-916	3.8	4

27	Incomplete Gestation has an Impact on Cognitive Abilities in Autism Spectrum Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2019 , 49, 4339-4345	4.6	4
26	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	2.9	4
25	Could autism with mental retardation result from digenism and frequent de novo mutations?. <i>World Journal of Biological Psychiatry</i> , 2009 , 10, 1030-6	3.8	4
24	Brain responses to change in phonological structures of varying complexity in children and adults. <i>Psychophysiology</i> , 2020 , 57, e13621	4.1	3
23	A case of paroxetine-induced akathisia and a review of SSRI-induced akathisia. <i>European Psychiatry</i> , 1998 , 13, 109-11	6	3
22	Sentence repetition and language impairment in French-speaking children with ASD. <i>Language Acquisition and Language Disorders</i> , 235-258	0.2	3
21	A strategic plan to identify key neurophysiological mechanisms and brain circuits in autism. <i>Journal of Chemical Neuroanatomy</i> , 2018 , 89, 69-72	3.2	3
20	Disrupted behaviour in grammatical morphology in French speakers with autism spectrum disorders. <i>Clinical Linguistics and Phonetics</i> , 2018 , 32, 706-720	1.4	2
19	Eye Movement Monitoring and Maturation of Human Face Exploration. <i>Medical Principles and Practice</i> , 2016 , 25, 548-554	2.1	2
18	Please Draw Me a Face: Atypical Face Mental Concept in Autism. <i>Psychology</i> , 2014 , 05, 1392-1403	0.5	2
17	Phase-IIa randomized, double-blind, sham-controlled, parallel group trial on anodal transcranial direct current stimulation (tDCS) over the left and right temporo-parietal junction in autism spectrum disorder-StimAT: study protocol for a clinical trial. <i>Trials</i> , 2021 , 22, 248	2.8	2
16	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	3.9	2
15	Early Intervention in Severe Autism: Positive Outcome Using Exchange and Development Therapy.. <i>Frontiers in Pediatrics</i> , 2021 , 9, 785762	3.4	2
14	Minor Neurological Dysfunctions (MNDs) in Autistic Children without Intellectual Disability. <i>Journal of Clinical Medicine</i> , 2018 , 7,	5.1	1
13	La mémoire autobiographique chez l'enfant avec Trouble du Spectre Autistique : du passé au futur. <i>European Psychiatry</i> , 2014 , 29, 601-602	6	1
12	Production and comprehension of French wh-questions by children with autism spectrum disorder: A comparative study with specific language impairment. CORRIGENDUM. <i>Applied Psycholinguistics</i> , 2017 , 38, 1263-1264	1.4	1
11	Cortical electrophysiological markers of language abilities in children with hearing AIDS: a pilot study. <i>BioMed Research International</i> , 2014 , 2014, 198153	3	1
10	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	5	1

9	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	4.5	1
8	Brain correlates of emotional prosodic change detection in autism spectrum disorder. <i>NeuroImage: Clinical</i> , 2020 , 28, 102512	5.3	0
7	Heterozygous variants in ZBTB7A 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> , 2021 ,	2.5	0
6	Interventions ultra-préoces dans les troubles du spectre de l'autisme. <i>European Psychiatry</i> , 2015 , 30, S70-S71	6	
5	Imagerie morpho-fonctionnelle des troubles du spectre autistiques : actualité et théories avancées. <i>Diagnostic and Interventional Imaging</i> , 2012 , 93, 149-157		
4	Visual automatic change detection in children with autism: An electrophysiological study. <i>International Journal of Psychophysiology</i> , 2010 , 77, 235-236	2.9	
3	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	2.8	
2	Chapitre 1. Approche neuropsychologique du trouble du spectre de l'autisme 2018 , 1-34		
1	Local Processing Bias Impacts Implicit and Explicit Memory in Autism. <i>Frontiers in Psychology</i> , 2021 , 12, 622462	3.4	