

Faraneh Vargha-khadem

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

11,027
citations

31902

53
h-index

30848

102
g-index

107
all docs

107
docs citations

107
times ranked

8636
citing authors

#	ARTICLE	IF	CITATIONS
1	A forkhead-domain gene is mutated in a severe speech and language disorder. <i>Nature</i> , 2001, 413, 519-523.	13.7	1,969
2	FOXP2 and the neuroanatomy of speech and language. <i>Nature Reviews Neuroscience</i> , 2005, 6, 131-138.	4.9	472
3	Localisation of a gene implicated in a severe speech and language disorder. <i>Nature Genetics</i> , 1998, 18, 168-170.	9.4	447
4	Identification of FOXP2 Truncation as a Novel Cause of Developmental Speech and Language Deficits. <i>American Journal of Human Genetics</i> , 2005, 76, 1074-1080.	2.6	438
5	Language fMRI abnormalities associated with FOXP2 gene mutation. <i>Nature Neuroscience</i> , 2003, 6, 1230-1237.	7.1	342
6	APHASIA AND HANDEDNESS IN RELATION TO HEMISPHERIC SIDE, AGE AT INJURY AND SEVERITY OF CEREBRAL LESION DURING CHILDHOOD. <i>Brain</i> , 1985, 108, 677-696.	3.7	309
7	Hippocampal Volume and Everyday Memory in Children of Very Low Birth Weight. <i>Pediatric Research</i> , 2000, 47, 713-720.	1.1	289
8	The hippocampus is required for short-term topographical memory in humans. <i>Hippocampus</i> , 2007, 17, 34-48.	0.9	288
9	Human hippocampus and viewpoint dependence in spatial memory. <i>Hippocampus</i> , 2002, 12, 811-820.	0.9	241
10	Preserved Recognition in a Case of Developmental Amnesia: Implications for the Acquisition of Semantic Memory?. <i>Journal of Cognitive Neuroscience</i> , 2001, 13, 357-369.	1.1	237
11	The SPCH1 Region on Human 7q31: Genomic Characterization of the Critical Interval and Localization of Translocations Associated with Speech and Language Disorder. <i>American Journal of Human Genetics</i> , 2000, 67, 357-368.	2.6	214
12	DEVELOPMENT OF INTELLIGENCE AND MEMORY IN CHILDREN WITH HEMIPLEGIC CEREBRAL PALSY. <i>Brain</i> , 1992, 115, 315-329.	3.7	207
13	Amnesia and the organization of the hippocampal system. <i>Hippocampus</i> , 1998, 8, 212-216.	0.9	192
14	Bilateral hippocampal pathology impairs topographical and episodic memory but not visual pattern matching. <i>Hippocampus</i> , 2001, 11, 715-725.	0.9	189
15	Bilateral brain abnormalities associated with dominantly inherited verbal and orofacial dyspraxia. <i>Human Brain Mapping</i> , 2003, 18, 194-200.	1.9	182
16	Brain and cognitive-behavioural development after asphyxia at term birth. <i>Developmental Science</i> , 2006, 9, 350-358.	1.3	145
17	Normative Development of White Matter Tracts: Similarities and Differences in Relation to Age, Gender, and Intelligence. <i>Cerebral Cortex</i> , 2012, 22, 1738-1747.	1.6	144
18	Oral Dyspraxia in Inherited Speech and Language Impairment and Acquired Dysphasia. <i>Brain and Language</i> , 2000, 75, 17-33.	0.8	140

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19	The Development of Intellectual Abilities in Pediatric Temporal Lobe Epilepsy. <i>Epilepsia</i> , 2007, 48, 201-4.	2.6	140
20	Pitch and Timing Abilities in Inherited Speech and Language Impairment. <i>Brain and Language</i> , 2000, 75, 34-46.	0.8	130
21	Maturation of action monitoring from adolescence to adulthood: an ERP study. <i>Developmental Science</i> , 2005, 8, 525-534.	1.3	130
22	Differential course of development of spatial and verbal memory span: A normative study. <i>British Journal of Developmental Psychology</i> , 1989, 7, 377-380.	0.9	128
23	DEVELOPMENT OF LANGUAGE IN SIX HEMISPHERECTOMIZED PATIENTS. <i>Brain</i> , 1991, 114, 473-495.	3.7	127
24	Patient HC with developmental amnesia can construct future scenarios. <i>Neuropsychologia</i> , 2011, 49, 3620-3628.	0.7	123
25	Is the hippocampus necessary for visual and verbal binding in working memory?. <i>Neuropsychologia</i> , 2010, 48, 1089-1095.	0.7	121
26	The reorganization of sensorimotor function in children after hemispherectomy: A functional MRI and somatosensory evoked potential study. <i>Brain</i> , 2000, 123, 2432-2444.	3.7	120
27	Human memory development and its dysfunction after early hippocampal injury. <i>Trends in Neurosciences</i> , 2006, 29, 374-381.	4.2	117
28	Imagining fictitious and future experiences: Evidence from developmental amnesia. <i>Neuropsychologia</i> , 2010, 48, 3187-3192.	0.7	114
29	A longitudinal study of early intellectual development in hemiplegic children. <i>Neuropsychologia</i> , 1997, 35, 289-298.	0.7	113
30	Dissociations in cognitive memory: the syndrome of developmental amnesia. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2001, 356, 1435-1440.	1.8	99
31	READING WITH ONE HEMISPHERE. <i>Brain</i> , 1989, 112, 39-63.	3.7	92
32	Temporal lobe surgery in childhood and neuroanatomical predictors of long-term declarative memory outcome. <i>Brain</i> , 2015, 138, 80-93.	3.7	90
33	The effect of hippocampal damage in children on recalling the past and imagining new experiences. <i>Neuropsychologia</i> , 2011, 49, 1843-1850.	0.7	86
34	A Review of Cognitive Outcome After Unilateral Lesions Sustained During Childhood. <i>Journal of Child Neurology</i> , 1994, 9, 2S67-2S73.	0.7	85
35	Hippocampal Volume Reduction in Humans Predicts Impaired Allocentric Spatial Memory in Virtual-Reality Navigation. <i>Journal of Neuroscience</i> , 2015, 35, 14123-14131.	1.7	84
36	Working Memory and the Hippocampus. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 3855-3861.	1.1	83

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37	Functional and Structural Brain Abnormalities Associated with a Genetic Disorder of Speech and Language. <i>American Journal of Human Genetics</i> , 1999, 65, 1215-1221.	2.6	82
38	Speaking with a single cerebral hemisphere: fMRI language organization after hemispherectomy in childhood. <i>Brain and Language</i> , 2008, 106, 195-203.	0.8	82
39	Physiological correlates of intellectual function in children with sickle cell disease: hypoxaemia, hyperaemia and brain infarction. <i>Developmental Science</i> , 2006, 9, 379-387.	1.3	80
40	Heterogeneity in the Patterns of Neural Abnormality in Autistic Spectrum Disorders: Evidence from ERP and MRI. <i>Cortex</i> , 2007, 43, 686-699.	1.1	80
41	Impact of frontal white matter lesions on performance monitoring: ERP evidence for cortical disconnection. <i>Brain</i> , 2006, 129, 2177-2188.	3.7	78
42	Neonatal Hypoxia, Hippocampal Atrophy, and Memory Impairment: Evidence of a Causal Sequence. <i>Cerebral Cortex</i> , 2015, 25, 1469-1476.	1.6	77
43	Deferred Imitation of Action Sequences in Developmental Amnesia. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 240-248.	1.1	76
44	The Hippocampal Role in Spatial Memory and the Familiarity-Recollection Distinction: A Case Study.. <i>Neuropsychology</i> , 2004, 18, 405-417.	1.0	74
45	Detecting white matter injury in sickle cell disease using voxel-based morphometry. <i>Annals of Neurology</i> , 2006, 59, 662-672.	2.8	71
46	The primate hippocampus: ontogeny, early insult and memory. <i>Current Opinion in Neurobiology</i> , 2005, 15, 168-174.	2.0	65
47	Effects of hemispheric side of injury, age at injury, and presence of seizure disorder on functional ear and hand asymmetries in hemiplegic children. <i>Neuropsychologia</i> , 1996, 34, 127-137.	0.7	60
48	Generalized Versus Selective Cognitive Impairments Resulting from Brain Damage Sustained in Childhood. <i>Epilepsia</i> , 2001, 42, 37-40.	2.6	60
49	Cerebral asymmetry in infants. <i>Brain and Language</i> , 1979, 8, 1-9.	0.8	59
50	Item-location binding in working memory: Is it hippocampus-dependent?. <i>Neuropsychologia</i> , 2014, 59, 74-84.	0.7	59
51	Cognitive outcome after extratemporal epilepsy surgery in childhood. <i>Epilepsia</i> , 2011, 52, 1966-1972.	2.6	58
52	Extra-hippocampal grey matter density abnormalities in paediatric mesial temporal sclerosis. <i>NeuroImage</i> , 2005, 27, 635-643.	2.1	57
53	Dissociation between recognition and recall in developmental amnesia. <i>Neuropsychologia</i> , 2009, 47, 2207-2210.	0.7	57
54	Test of a motor theory of long-term auditory memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 7121-7125.	3.3	53

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55	An exploratory study of physiological correlates of neurodevelopmental delay in infants with sickle cell anaemia. <i>British Journal of Haematology</i> , 2006, 132, 99-107.	1.2	51
56	Evolution of the EEG in children with Rasmussen's syndrome. <i>Epilepsia</i> , 2012, 53, 1539-1545.	2.6	51
57	Charting the acquisition of semantic knowledge in a case of developmental amnesia. <i>Neuropsychologia</i> , 2008, 46, 2865-2868.	0.7	50
58	A Review of Cognitive Outcome after Hemidecortication in Humans. <i>Advances in Experimental Medicine and Biology</i> , 1992, 325, 137-151.	0.8	50
59	Cognitive Outcome of Long-Term Survivors of Multisystem Langerhans Cell Histiocytosis: A Single-Institution, Cross-Sectional Study. <i>Journal of Clinical Oncology</i> , 2003, 21, 2961-2967.	0.8	49
60	Impaired memory for scenes but not faces in developmental hippocampal amnesia: A case study. <i>Neuropsychologia</i> , 2008, 46, 1050-1059.	0.7	49
61	Hippocampal and diencephalic pathology in developmental amnesia. <i>Cortex</i> , 2017, 86, 33-44.	1.1	48
62	Impairment of recollection but not familiarity in a case of developmental amnesia. <i>Neurocase</i> , 2009, 15, 60-65.	0.2	47
63	Impaired everyday memory associated with encephalopathy of severe malaria: the role of seizures and hippocampal damage. <i>Malaria Journal</i> , 2009, 8, 273.	0.8	45
64	The impact of therapy for childhood acute lymphoblastic leukaemia on intelligence quotients; results of the risk-stratified randomized central nervous system treatment trial MRC UKALL XI. <i>Journal of Hematology and Oncology</i> , 2011, 4, 42.	6.9	45
65	Semantic memory in developmental amnesia. <i>Neuroscience Letters</i> , 2018, 680, 23-30.	1.0	44
66	Agnosia, alexia and a remarkable form of amnesia in an adolescent boy. <i>Brain</i> , 1994, 117, 683-703.	3.7	43
67	Language after hemispherectomy in childhood: Contributions from memory and intelligence. <i>Neuropsychologia</i> , 2008, 46, 3101-3107.	0.7	43
68	Optic radiation structure and anatomy in the normally developing brain determined using diffusion MRI and tractography. <i>Brain Structure and Function</i> , 2015, 220, 291-306.	1.2	43
69	Modified constraint-induced movement therapy after childhood stroke. <i>Developmental Medicine and Child Neurology</i> , 2007, 49, 23-27.	1.1	41
70	Effects of level of processing but not of task enactment on recognition memory in a case of developmental amnesia. <i>Cognitive Neuropsychology</i> , 2006, 23, 930-948.	0.4	41
71	Scene construction in developmental amnesia: An fMRI study. <i>Neuropsychologia</i> , 2014, 52, 1-10.	0.7	41
72	Cortical lateralization during verb generation: a combined ERP and fMRI study. <i>NeuroImage</i> , 2004, 22, 665-675.	2.1	39

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73	A Rapid, Hippocampus-Dependent, Item-Memory Signal that Initiates Context Memory in Humans. <i>Current Biology</i> , 2012, 22, 2369-2374.	1.8	39
74	Sexual Dimorphism in White Matter Developmental Trajectories Using Tract-Based Spatial Statistics. <i>Brain Connectivity</i> , 2016, 6, 37-47.	0.8	39
75	Impaired spatial and non-spatial configural learning in patients with hippocampal pathology. <i>Neuropsychologia</i> , 2007, 45, 2699-2711.	0.7	38
76	Hippocampal damage and memory impairment in congenital cyanotic heart disease. <i>Hippocampus</i> , 2017, 27, 417-424.	0.9	32
77	Determinants of IQ outcome after focal epilepsy surgery in childhood: A longitudinal case-control neuroimaging study. <i>Epilepsia</i> , 2019, 60, 872-884.	2.6	32
78	Memory in paediatric temporal lobe epilepsy: Effects of lesion type and side. <i>Epilepsy Research</i> , 2012, 98, 255-259.	0.8	30
79	Extent of hippocampal atrophy predicts degree of deficit in recall. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 12830-12833.	3.3	25
80	Speech and oral motor profile after childhood hemispherectomy. <i>Brain and Language</i> , 2010, 114, 126-134.	0.8	24
81	Ophthalmological, cognitive, electrophysiological and MRI assessment of visual processing in preterm children without major neuromotor impairment. <i>Developmental Science</i> , 2010, 13, 692-705.	1.3	24
82	Robust subdivision of the thalamus in children based on probability distribution functions calculated from probabilistic tractography. <i>NeuroImage</i> , 2011, 57, 403-415.	2.1	23
83	Asymmetry of planum temporale constrains interhemispheric language plasticity in children with focal epilepsy. <i>Brain</i> , 2013, 136, 3163-3175.	3.7	23
84	Cortical abnormalities and language function in young patients with basal ganglia stroke. <i>NeuroImage</i> , 2007, 36, 431-440.	2.1	21
85	Are there sex differences in the brain basis of literacy related skills? Evidence from reading and spelling impairments after early unilateral brain damage. <i>Neuropsychologia</i> , 2001, 39, 1485-1488.	0.7	20
86	Phonological working memory and FOXP2. <i>Neuropsychologia</i> , 2018, 108, 147-152.	0.7	20
87	Using semantic memory to boost "episodic" recall in a case of developmental amnesia. <i>NeuroReport</i> , 2006, 17, 1057-1060.	0.6	18
88	Hemispheric Specialization for the Processing of Tactual Stimuli in Congenitally Deaf and Hearing Children. <i>Cortex</i> , 1982, 18, 277-286.	1.1	17
89	Homozygous Resistance to Thyroid Hormone β 2: Can Combined Antithyroid Drug and Triiodothyroacetic Acid Treatment Prevent Cardiac Failure?. <i>Journal of the Endocrine Society</i> , 2017, 1, 1203-1212.	0.1	13
90	When the brain, but not the person, remembers: Cortical reinstatement is modulated by retrieval goal in developmental amnesia. <i>Neuropsychologia</i> , 2021, 154, 107788.	0.7	13

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91	Impairment on a self-ordered working memory task in patients with early-acquired hippocampal atrophy. <i>Developmental Cognitive Neuroscience</i> , 2016, 20, 12-22.	1.9	11
92	Volume reduction of caudate nucleus is associated with movement coordination deficits in patients with hippocampal atrophy due to perinatal hypoxia-ischaemia. <i>NeuroImage: Clinical</i> , 2020, 28, 102429.	1.4	11
93	Pre- and postsurgical cognitive trajectories and quantitative <scp>MRI</scp> changes in Rasmussen syndrome. <i>Epilepsia</i> , 2018, 59, 1210-1219.	2.6	10
94	Motor speech profile in relation to site of brain pathology: a developmental perspective. , 2010, , 95-116.		10
95	A Functional MRI Paradigm Suitable for Language and Memory Mapping in Pediatric Temporal Lobe Epilepsy. <i>Frontiers in Neurology</i> , 2019, 10, 1384.	1.1	9
96	Visual Function 20 Years After Childhood Hemispherectomy for Intractable Epilepsy. <i>American Journal of Ophthalmology</i> , 2017, 177, 81-89.	1.7	8
97	Brain volume abnormalities and clinical outcomes following paediatric traumatic brain injury. <i>Brain</i> , 2022, 145, 2920-2934.	3.7	8
98	The speech gene <i>FOXP2</i> is not imprinted. <i>Journal of Medical Genetics</i> , 2012, 49, 669-670.	1.5	6
99	Little evidence for fast mapping in adults with developmental amnesia. <i>Cognitive Neuroscience</i> , 2019, 10, 215-217.	0.6	6
100	Contributions of nonhuman primate research to understanding the consequences of human brain injury during development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 26204-26209.	3.3	6
101	A brief history of developmental amnesia. <i>Neuropsychologia</i> , 2021, 150, 107689.	0.7	5
102	Alexander's disease and the story of Louise. <i>Neuropsychological Rehabilitation</i> , 2018, 28, 199-207.	1.0	3
103	The Pair Test: A computerised measure of learning and memory. <i>Behavior Research Methods</i> , 2021, 53, 928-942.	2.3	3
104	8. Neuropsychological Observations on the Affinity Between Reading and Phonological Abilities. <i>Mind and Language</i> , 1991, 6, 140-145.	1.2	2
105	Mapping degeneration of the visual system in long-term follow-up after childhood hemispherectomy "A series of four cases. <i>Epilepsy Research</i> , 2021, 178, 106808.	0.8	2
106	A comparison of memory profiles in relation to neuropathology in autism, developmental amnesia and children born prematurely. , 0, , 63-85.		1