Faraneh Vargha-khadem

List of Publications by Year
in descending order

106	11,027	31976	30922
papers	citations	53 h-index	102 g-index

107	107	107	8636
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A forkhead-domain gene is mutated in a severe speech and language disorder. Nature, 2001, 413, 519-523.	27.8	1,969
2	FOXP2 and the neuroanatomy of speech and language. Nature Reviews Neuroscience, 2005, 6, 131-138.	10.2	472
3	Localisation of a gene implicated in a severe speech and language disorder. Nature Genetics, 1998, 18, 168-170.	21.4	447
4	Identification of FOXP2 Truncation as a Novel Cause of Developmental Speech and Language Deficits. American Journal of Human Genetics, 2005, 76, 1074-1080.	6.2	438
5	Language fMRI abnormalities associated with FOXP2 gene mutation. Nature Neuroscience, 2003, 6, 1230-1237.	14.8	342
6	APHASIA AND HANDEDNESS IN RELATION TO HEMISPHERIC SIDE, AGE AT INJURY AND SEVERITY OF CEREBRAL LESION DURING CHILDHOOD. Brain, 1985, 108, 677-696.	7.6	309
7	Hippocampal Volume and Everyday Memory in Children of Very Low Birth Weight. Pediatric Research, 2000, 47, 713-720.	2.3	289
8	The hippocampus is required for short-term topographical memory in humans. Hippocampus, 2007, 17, 34-48.	1.9	288
9	Human hippocampus and viewpoint dependence in spatial memory. Hippocampus, 2002, 12, 811-820.	1.9	241
10	Preserved Recognition in a Case of Developmental Amnesia: Implications for the Acaquisition of Semantic Memory?. Journal of Cognitive Neuroscience, 2001, 13, 357-369.	2.3	237
11	The SPCH1 Region on Human 7q31: Genomic Characterization of the Critical Interval and Localization of Translocations Associated with Speech and Language Disorder. American Journal of Human Genetics, 2000, 67, 357-368.	6.2	214
12	DEVELOPMENT OF INTELLIGENCE AND MEMORY IN CHILDREN WITH HEMIPLEGIC CEREBRAL PALSY. Brain, 1992, 115, 315-329.	7.6	207
13	Amnesia and the organization of the hippocampal system. Hippocampus, 1998, 8, 212-216.	1.9	192
14	Bilateral hippocampal pathology impairs topographical and episodic memory but not visual pattern matching. Hippocampus, 2001, 11, 715-725.	1.9	189
15	Bilateral brain abnormalities associated with dominantly inherited verbal and orofacial dyspraxia. Human Brain Mapping, 2003, 18, 194-200.	3.6	182
16	Brain and cognitiveâ€behavioural development after asphyxia at term birth. Developmental Science, 2006, 9, 350-358.	2.4	145
17	Normative Development of White Matter Tracts: Similarities and Differences in Relation to Age, Gender, and Intelligence. Cerebral Cortex, 2012, 22, 1738-1747.	2.9	144
18	Oral Dyspraxia in Inherited Speech and Language Impairment and Acquired Dysphasia. Brain and Language, 2000, 75, 17-33.	1.6	140

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19	The Development of Intellectual Abilities in Pediatric Temporal Lobe Epilepsy. Epilepsia, 2007, 48, 201-4.	5.1	140
20	Pitch and Timing Abilities in Inherited Speech and Language Impairment. Brain and Language, 2000, 75, 34-46.	1.6	130
21	Maturation of action monitoring from adolescence to adulthood: an ERP study. Developmental Science, 2005, 8, 525-534.	2.4	130
22	Differential course of development of spatial and verbal memory span: A normative study. British Journal of Developmental Psychology, 1989, 7, 377-380.	1.7	128
23	DEVELOPMENT OF LANGUAGE IN SIX HEMISPHERECTOMIZED PATIENTS. Brain, 1991, 114, 473-495.	7.6	127
24	Patient HC with developmental amnesia can construct future scenarios. Neuropsychologia, 2011, 49, 3620-3628.	1.6	123
25	Is the hippocampus necessary for visual and verbal binding in working memory?. Neuropsychologia, 2010, 48, 1089-1095.	1.6	121
26	The reorganization of sensorimotor function in children after hemispherectomy: A functional MRI and somatosensory evoked potential study. Brain, 2000, 123, 2432-2444.	7.6	120
27	Human memory development and its dysfunction after early hippocampal injury. Trends in Neurosciences, 2006, 29, 374-381.	8.6	117
28	Imagining fictitious and future experiences: Evidence from developmental amnesia. Neuropsychologia, 2010, 48, 3187-3192.	1.6	114
29	A longitudinal study of early intellectual development in hemiplegic children. Neuropsychologia, 1997, 35, 289-298.	1.6	113
30	Dissociations in cognitive memory: the syndrome of developmental amnesia. Philosophical Transactions of the Royal Society B: Biological Sciences, 2001, 356, 1435-1440.	4.0	99
31	READING WITH ONE HEMISPHERE. Brain, 1989, 112, 39-63.	7.6	92
32	Temporal lobe surgery in childhood and neuroanatomical predictors of long-term declarative memory outcome. Brain, 2015, 138, 80-93.	7.6	90
33	The effect of hippocampal damage in children on recalling the past and imagining new experiences. Neuropsychologia, 2011, 49, 1843-1850.	1.6	86
34	A Review of Cognitive Outcome After Unilateral Lesions Sustained During Childhood. Journal of Child Neurology, 1994, 9, 2S67-2S73.	1.4	85
35	Hippocampal Volume Reduction in Humans Predicts Impaired Allocentric Spatial Memory in Virtual-Reality Navigation. Journal of Neuroscience, 2015, 35, 14123-14131.	3.6	84
36	Working Memory and the Hippocampus. Journal of Cognitive Neuroscience, 2011, 23, 3855-3861.	2.3	83

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37	Functional and Structural Brain Abnormalities Associated with a Genetic Disorder of Speech and Language. American Journal of Human Genetics, 1999, 65, 1215-1221.	6.2	82
38	Speaking with a single cerebral hemisphere: fMRI language organization after hemispherectomy in childhood. Brain and Language, 2008, 106, 195-203.	1.6	82
39	Physiological correlates of intellectual function in children with sickle cell disease: hypoxaemia, hyperaemia and brain infarction. Developmental Science, 2006, 9, 379-387.	2.4	80
40	Heterogeneity in the Patterns of Neural Abnormality in Autistic Spectrum Disorders: Evidence from ERP and MRI. Cortex, 2007, 43, 686-699.	2.4	80
41	Impact of frontal white matter lesions on performance monitoring: ERP evidence for cortical disconnection. Brain, 2006, 129, 2177-2188.	7.6	78
42	Neonatal Hypoxia, Hippocampal Atrophy, and Memory Impairment: Evidence of a Causal Sequence. Cerebral Cortex, 2015, 25, 1469-1476.	2.9	77
43	Deferred Imitation of Action Sequences in Developmental Amnesia. Journal of Cognitive Neuroscience, 2005, 17, 240-248.	2.3	76
44	The Hippocampal Role in Spatial Memory and the Familiarity-Recollection Distinction: A Case Study.. Neuropsychology, 2004, 18, 405-417.	1.3	74
45	Detecting white matter injury in sickle cell disease using voxel-based morphometry. Annals of Neurology, 2006, 59, 662-672.	5.3	71
46	The primate hippocampus: ontogeny, early insult and memory. Current Opinion in Neurobiology, 2005, 15, 168-174.	4.2	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. Neuropsychologia, 1996, 34, 127-137.	1.6	60
48	Generalized Versus Selective Cognitive Impairments Resulting from Brain Damage Sustained in Childhood. Epilepsia, 2001, 42, 37-40.	5.1	60
49	Cerebral asymmetry in infants. Brain and Language, 1979, 8, 1-9.	1.6	59
50	Item-location binding in working memory: Is it hippocampus-dependent?. Neuropsychologia, 2014, 59, 74-84.	1.6	59
51	Cognitive outcome after extratemporal epilepsy surgery in childhood. Epilepsia, 2011, 52, 1966-1972.	5.1	58
52	Extra-hippocampal grey matter density abnormalities in paediatric mesial temporal sclerosis. NeuroImage, 2005, 27, 635-643.	4.2	57
53	Dissociation between recognition and recall in developmental amnesia. Neuropsychologia, 2009, 47, 2207-2210.	1.6	57
54	Test of a motor theory of long-term auditory memory. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7121-7125.	7.1	53

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55	An exploratory study of physiological correlates of neurodevelopmental delay in infants with sickle cell anaemia. British Journal of Haematology, 2006, 132, 99-107.	2.5	51
56	Evolution of the EEG in children with Rasmussenâ€™s syndrome. Epilepsia, 2012, 53, 1539-1545.	5.1	51
57	Charting the acquisition of semantic knowledge in a case of developmental amnesia. Neuropsychologia, 2008, 46, 2865-2868.	1.6	50
58	A Review of Cognitive Outcome after Hemidecortication in Humans. Advances in Experimental Medicine and Biology, 1992, 325, 137-151.	1.6	50
59	Cognitive Outcome of Long-Term Survivors of Multisystem Langerhans Cell Histiocytosis: A Single-Institution, Cross-Sectional Study. Journal of Clinical Oncology, 2003, 21, 2961-2967.	1.6	49
60	Impaired memory for scenes but not faces in developmental hippocampal amnesia: A case study. Neuropsychologia, 2008, 46, 1050-1059.	1.6	49
61	Hippocampal and diencephalic pathology in developmental amnesia. Cortex, 2017, 86, 33-44.	2.4	48
62	Impairment of recollection but not familiarity in a case of developmental amnesia. Neurocase, 2009, 15, 60-65.	0.6	47
63	Impaired everyday memory associated with encephalopathy of severe malaria: the role of seizures and hippocampal damage. Malaria Journal, 2009, 8, 273.	2.3	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. Journal of Hematology and Oncology, 2011, 4, 42.	17.0	45
65	Semantic memory in developmental amnesia. Neuroscience Letters, 2018, 680, 23-30.	2.1	44
66	Agnosia, alexia and a remarkable form of amnesia in an adolescent boy. Brain, 1994, 117, 683-703.	7.6	43
67	Language after hemispherectomy in childhood: Contributions from memory and intelligence. Neuropsychologia, 2008, 46, 3101-3107.	1.6	43
68	Optic radiation structure and anatomy in the normally developing brain determined using diffusion MRI and tractography. Brain Structure and Function, 2015, 220, 291-306.	2.3	43
69	Modified constraintâ€induced movement therapy after childhood stroke. Developmental Medicine and Child Neurology, 2007, 49, 23-27.	2.1	41
70	Effects of level of processing but not of task enactment on recognition memory in a case of developmental amnesia. Cognitive Neuropsychology, 2006, 23, 930-948.	1.1	41
71	Scene construction in developmental amnesia: An fMRI study. Neuropsychologia, 2014, 52, 1-10.	1.6	41
72	Cortical lateralization during verb generation: a combined ERP and fMRI study. NeuroImage, 2004, 22, 665-675.	4.2	39

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73	A Rapid, Hippocampus-Dependent, Item-Memory Signal that Initiates Context Memory in Humans. Current Biology, 2012, 22, 2369-2374.	3.9	39
74	Sexual Dimorphism in White Matter Developmental Trajectories Using Tract-Based Spatial Statistics. Brain Connectivity, 2016, 6, 37-47.	1.7	39
75	Impaired spatial and non-spatial configural learning in patients with hippocampal pathology. Neuropsychologia, 2007, 45, 2699-2711.	1.6	38
76	Hippocampal damage and memory impairment in congenital cyanotic heart disease. Hippocampus, 2017, 27, 417-424.	1.9	32
77	Determinants of IQ outcome after focal epilepsy surgery in childhood: A longitudinal caseâ€control neuroimaging study. Epilepsia, 2019, 60, 872-884.	5.1	32
78	Memory in paediatric temporal lobe epilepsy: Effects of lesion type and side. Epilepsy Research, 2012, 98, 255-259.	1.6	30
79	Extent of hippocampal atrophy predicts degree of deficit in recall. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 12830-12833.	7.1	25
80	Speech and oral motor profile after childhood hemispherectomy. Brain and Language, 2010, 114, 126-134.	1.6	24
81	Ophthalmological, cognitive, electrophysiological and MRI assessment of visual processing in preterm children without major neuromotor impairment. Developmental Science, 2010, 13, 692-705.	2.4	24
82	Robust subdivision of the thalamus in children based on probability distribution functions calculated from probabilistic tractography. NeuroImage, 2011, 57, 403-415.	4.2	23
83	Asymmetry of planum temporale constrains interhemispheric language plasticity in children with focal epilepsy. Brain, 2013, 136, 3163-3175.	7.6	23
84	Cortical abnormalities and language function in young patients with basal ganglia stroke. NeuroImage, 2007, 36, 431-440.	4.2	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. Neuropsychologia, 2001, 39, 1485-1488.	1.6	20
86	Phonological working memory and FOXP2. Neuropsychologia, 2018, 108, 147-152.	1.6	20
87	Using semantic memory to boost â€˜episodicâ€™ recall in a case of developmental amnesia. NeuroReport, 2006, 17, 1057-1060.	1.2	18
88	Hemispheric Specialization for the Processing of Tactual Stimuli in Congenitally Deaf and Hearing Children. Cortex, 1982, 18, 277-286.	2.4	17
89	Homozygous Resistance to Thyroid Hormone Î²: Can Combined Antithyroid Drug and Triiodothyroacetic Acid Treatment Prevent Cardiac Failure?. Journal of the Endocrine Society, 2017, 1, 1203-1212.	0.2	13
90	When the brain, but not the person, remembers: Cortical reinstatement is modulated by retrieval goal in developmental amnesia. Neuropsychologia, 2021, 154, 107788.	1.6	13

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91	Impairment on a self-ordered working memory task in patients with early-acquired hippocampal atrophy. Developmental Cognitive Neuroscience, 2016, 20, 12-22.	4.0	11
92	Volume reduction of caudate nucleus is associated with movement coordination deficits in patients with hippocampal atrophy due to perinatal hypoxia-ischaemia. NeuroImage: Clinical, 2020, 28, 102429.	2.7	11
93	Preâ€•and postsurgical cognitive trajectories and quantitative <scp>MRI</scp> changes in Rasmussen syndrome. Epilepsia, 2018, 59, 1210-1219.	5.1	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. Frontiers in Neurology, 2019, 10, 1384.	2.4	9
96	Visual Function 20 Years After Childhood Hemispherectomy for Intractable Epilepsy. American Journal of Ophthalmology, 2017, 177, 81-89.	3.3	8
97	Brain volume abnormalities and clinical outcomes following paediatric traumatic brain injury. Brain, 2022, 145, 2920-2934.	7.6	8
98	The speech geneFOXP2is not imprinted. Journal of Medical Genetics, 2012, 49, 669-670.	3.2	6
99	Little evidence for fast mapping in adults with developmental amnesia. Cognitive Neuroscience, 2019, 10, 215-217.	1.4	6
100	Contributions of nonhuman primate research to understanding the consequences of human brain injury during development. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 26204-26209.	7.1	6
101	A brief history of developmental amnesia. Neuropsychologia, 2021, 150, 107689.	1.6	5
102	Alexanderâ€™s disease and the story of Louise. Neuropsychological Rehabilitation, 2018, 28, 199-207.	1.6	3
103	The Pair Test: A computerised measure of learning and memory. Behavior Research Methods, 2021, 53, 928-942.	4.0	3
104	8. Neuropsychological Observations on the Affinity Between Reading and Phonological Abilities. Mind and Language, 1991, 6, 140-145.	2.3	2
105	Mapping degeneration of the visual system in long-term follow-up after childhood hemispherectomy â€“ A series of four cases. Epilepsy Research, 2021, 178, 106808.	1.6	2
106	A comparison of memory profiles in relation to neuropathology in autism, developmental amnesia and children born prematurely. , 0, , 63-85.		1