

# Guinevere F Eden

## List of Publications by Year in descending order

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52  
papers

6,716  
citations

147801

31  
h-index

223800

46  
g-index

52  
all docs

52  
docs citations

52  
times ranked

6271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Meta-Analysis of the Functional Neuroanatomy of Single-Word Reading: Method and Validation. <i>NeuroImage</i> , 2002, 16, 765-780.	4.2	1,393
2	Harnessing neuroplasticity for clinical applications. <i>Brain</i> , 2011, 134, 1591-1609.	7.6	907
3	Abnormal processing of visual motion in dyslexia revealed by functional brain imaging. <i>Nature</i> , 1996, 382, 66-69.	27.8	627
4	Development of neural mechanisms for reading. <i>Nature Neuroscience</i> , 2003, 6, 767-773.	14.8	595
5	Reading depends on writing, in Chinese. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 8781-8785.	7.1	390
6	A Meta-Analysis of Functional Neuroimaging Studies of Dyslexia. <i>Annals of the New York Academy of Sciences</i> , 2008, 1145, 237-259.	3.8	276
7	Neural Changes following Remediation in Adult Developmental Dyslexia. <i>Neuron</i> , 2004, 44, 411-422.	8.1	246
8	Examining the Central and Peripheral Processes of Written Word Production Through Meta-Analysis. <i>Frontiers in Psychology</i> , 2011, 2, 239.	2.1	187
9	Dyslexics are impaired on implicit higher-order sequence learning, but not on implicit spatial context learning. <i>Neuropsychologia</i> , 2006, 44, 1131-1144.	1.6	166
10	Neural Systems Affected in Developmental Dyslexia Revealed by Functional Neuroimaging. <i>Neuron</i> , 1998, 21, 279-282.	8.1	140
11	Abnormal Visual Motion Processing Is Not a Cause of Dyslexia. <i>Neuron</i> , 2013, 79, 180-190.	8.1	134
12	Gray matter volume changes following reading intervention in dyslexic children. <i>NeuroImage</i> , 2011, 57, 733-741.	4.2	112
13	Phonological decoding involves left posterior fusiform gyrus. <i>Human Brain Mapping</i> , 2005, 26, 81-93.	3.6	102
14	Individual differences in anatomy predict reading and oral language impairments in children. <i>Brain</i> , 2006, 129, 3329-3342.	7.6	102
15	The Neural Basis of Hyperlexic Reading. <i>Neuron</i> , 2004, 41, 11-25.	8.1	98
16	Verbal and Visual Problems in Reading Disability. <i>Journal of Learning Disabilities</i> , 1995, 28, 272-290.	2.2	94
17	An Investigation into the Origin of Anatomical Differences in Dyslexia. <i>Journal of Neuroscience</i> , 2014, 34, 901-908.	3.6	91
18	A combined fMRI study of typed spelling and reading. <i>NeuroImage</i> , 2011, 55, 750-762.	4.2	87

#	ARTICLE	IF	CITATIONS
19	The role of neuroscience in the remediation of students with dyslexia. <i>Nature Neuroscience</i> , 2002, 5, 1080-1084.	14.8	77
20	Effect of intensive training on auditory processing and reading skills. <i>Brain and Language</i> , 2004, 88, 21-25.	1.6	68
21	Developmental differences for word processing in the ventral stream. <i>Brain and Language</i> , 2013, 125, 134-145.	1.6	61
22	Neural basis of single-word reading in Spanish-English bilinguals. <i>Human Brain Mapping</i> , 2012, 33, 235-245.	3.6	59
23	Sex-specific gray matter volume differences in females with developmental dyslexia. <i>Brain Structure and Function</i> , 2014, 219, 1041-1054.	2.3	58
24	A randomized, controlled study of computer-based intervention in middle school struggling readers. <i>Brain and Language</i> , 2008, 106, 83-97.	1.6	57
25	The cerebellum and dyslexia: perpetrator or innocent bystander?. <i>Trends in Neurosciences</i> , 2001, 24, 512-513.	8.6	52
26	Left hemisphere specialization for the control of voluntary movement rate. <i>NeuroImage</i> , 2004, 22, 289-303.	4.2	51
27	Uncovering phonological and orthographic selectivity across the reading network using fMRI-RA. <i>NeuroImage</i> , 2016, 138, 248-256.	4.2	40
28	Chinese Character and English Word processing in children's ventral occipitotemporal cortex: fMRI evidence for script invariance. <i>NeuroImage</i> , 2016, 133, 302-312.	4.2	39
29	Shared orthographic neuronal representations for spelling and reading. <i>NeuroImage</i> , 2017, 147, 554-567.	4.2	38
30	The functional anatomy of single-digit arithmetic in children with developmental dyslexia. <i>NeuroImage</i> , 2014, 101, 644-652.	4.2	35
31	The neural basis of developmental dyslexia. <i>Annals of Dyslexia</i> , 2000, 50, 1-30.	1.7	33
32	Functional neuroanatomy of arithmetic and word reading and its relationship to age. <i>NeuroImage</i> , 2016, 143, 304-315.	4.2	33
33	An fMRI study of finger tapping in children and adults. <i>Human Brain Mapping</i> , 2018, 39, 3203-3215.	3.6	33
34	Clock Drawing in Developmental Dyslexia. <i>Journal of Learning Disabilities</i> , 2003, 36, 216-228.	2.2	32
35	Development of Ventral Stream Representations for Single Letters. <i>Annals of the New York Academy of Sciences</i> , 2008, 1145, 13-29.	3.8	31
36	Cortical plasticity for visuospatial processing and object recognition in deaf and hearing signers. <i>NeuroImage</i> , 2012, 60, 661-672.	4.2	26

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37	ADHD and Developmental Dyslexia. Annals of the New York Academy of Sciences, 2008, 1145, 316-327.	3.8	25
38	Delayed detection of tonal targets in background noise in dyslexia. Brain and Language, 2007, 102, 80-90.	1.6	22
39	Cerebellar function in children with and without dyslexia during single word processing. Human Brain Mapping, 2020, 41, 120-138.	3.6	21
40	Developmental Dyslexia. , 2016, , 815-826.		18
41	Relationships between gray matter volume and reading ability in typically developing children, adolescents, and young adults. Developmental Cognitive Neuroscience, 2019, 36, 100636.	4.0	18
42	An Activation Likelihood Estimation Meta-Analysis Study of Simple Motor Movements in Older and Young Adults. Frontiers in Aging Neuroscience, 2016, 8, 238.	3.4	12
43	An fMRI study of English and Spanish word reading in bilingual adults. Brain and Language, 2020, 202, 104725.	1.6	9
44	An fMRI-adaptation study of phonological and orthographic selectivity to written words in adults with poor reading skills. Brain and Language, 2019, 191, 1-8.	1.6	6
45	Gray matter volume differences between early bilinguals and monolinguals: A study of children and adults. Human Brain Mapping, 0, , .	3.6	5
46	Introduction. Annals of the New York Academy of Sciences, 2008, 1145, ix-xii.	3.8	3
47	Functional neuroanatomy of arithmetic in monolingual and bilingual adults and children. Human Brain Mapping, 2021, 42, 4880-4895.	3.6	3
48	The Role of Brain Activity in Characterizing Successful Reading Intervention in Children With Dyslexia. Frontiers in Neuroscience, 0, 16, .	2.8	3
49	Functional neuroanatomy of English word reading in early bilingual and monolingual adults. Human Brain Mapping, 2022, 43, 4310-4325.	3.6	1
50	11791 Gray matter volume differences in bilingual compared to monolingual children. Journal of Clinical and Translational Science, 2021, 5, 20-21.	0.6	0
51	451 Unique Gray Matter Volume Differences in Bilingual Children with Reading Disability. Journal of Clinical and Translational Science, 2022, 6, 89-89.	0.6	0
52	Dorsal visual stream activity during coherent motion processing is not related to math ability or dyscalculia. NeuroImage: Clinical, 2022, 35, 103042.	2.7	0