

# Jason D Yeatman

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

5,704  
citations

172457

29  
h-index

114465

63  
g-index

100  
all docs

100  
docs citations

100  
times ranked

6030  
citing authors

#	ARTICLE	IF	CITATIONS
1	White matter myelination during early infancy is linked to spatial gradients and myelin content at birth. <i>Nature Communications</i> , 2022, 13, 997.	12.8	29
2	Can an Online Reading Camp Teach 5-Year-Old Children to Read?. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 793213.	2.0	3
3	Bridging sensory and language theories of dyslexia: Toward a multifactorial model. <i>Developmental Science</i> , 2021, 24, e13039.	2.4	33
4	A Comparison of Quantitative R1 and Cortical Thickness in Identifying Age, Lifespan Dynamics, and Disease States of the Human Cortex. <i>Cerebral Cortex</i> , 2021, 31, 1211-1226.	2.9	10
5	Groupyr: Sparse Group Lasso in Python. <i>Journal of Open Source Software</i> , 2021, 6, 3024.	4.6	3
6	White matter fascicles and cortical microstructure predict reading-related responses in human ventral temporal cortex. <i>NeuroImage</i> , 2021, 227, 117669.	4.2	16
7	Automaticity in the reading circuitry. <i>Brain and Language</i> , 2021, 214, 104906.	1.6	12
8	Rapid online assessment of reading ability. <i>Scientific Reports</i> , 2021, 11, 6396.	3.3	9
9	Multidimensional analysis and detection of informative features in human brain white matter. <i>PLoS Computational Biology</i> , 2021, 17, e1009136.	3.2	14
10	QSIPrep: an integrative platform for preprocessing and reconstructing diffusion MRI data. <i>Nature Methods</i> , 2021, 18, 775-778.	19.0	127
11	Diffusional Kurtosis Imaging in the Diffusion Imaging in Python Project. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 675433.	2.0	34
12	Development of the visual white matter pathways mediates development of electrophysiological responses in visual cortex. <i>Human Brain Mapping</i> , 2021, 42, 5785-5797.	3.6	10
13	Reading: The Confluence of Vision and Language. <i>Annual Review of Vision Science</i> , 2021, 7, 487-517.	4.4	35
14	Mechanisms of covert spatial attention in encoding letter combinations. <i>Journal of Vision</i> , 2021, 21, 2268.	0.3	0
15	Neurobiological underpinnings of rapid white matter plasticity during intensive reading instruction. <i>NeuroImage</i> , 2021, 243, 118453.	4.2	12
16	Anatomy and physiology of word-selective visual cortex: from visual features to lexical processing. <i>Brain Structure and Function</i> , 2021, 226, 3051-3065.	2.3	25
17	Audiovisual Speech Processing in Relationship to Phonological and Vocabulary Skills in First Graders. <i>Journal of Speech, Language, and Hearing Research</i> , 2021, 64, 5022-5040.	1.6	3
18	Evaluating the Reliability of Human Brain White Matter Tractometry. , 2021, 2021, .		27

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19	Spatial attention in encoding letter combinations. <i>Scientific Reports</i> , 2021, 11, 24179.	3.3	4
20	Context effects on phoneme categorization in children with dyslexia. <i>Journal of the Acoustical Society of America</i> , 2020, 148, 2209-2222.	1.1	1
21	Controlling for Participants's™ Viewing Distance in Large-Scale, Psychophysical Online Experiments Using a Virtual Chinrest. <i>Scientific Reports</i> , 2020, 10, 904.	3.3	74
22	Annotating digital text with phonemic cues to support decoding in struggling readers. <i>PLoS ONE</i> , 2020, 15, e0243435.	2.5	2
23	White matter anatomy and cortical microstructure predict reading-related responses in ventral temporal cortex. <i>Journal of Vision</i> , 2020, 20, 201.	0.3	0
24	Annotating digital text with phonemic cues to support decoding in struggling readers. , 2020, 15, e0243435.		0
25	Annotating digital text with phonemic cues to support decoding in struggling readers. , 2020, 15, e0243435.		0
26	Annotating digital text with phonemic cues to support decoding in struggling readers. , 2020, 15, e0243435.		0
27	Annotating digital text with phonemic cues to support decoding in struggling readers. , 2020, 15, e0243435.		0
28	Annotating digital text with phonemic cues to support decoding in struggling readers. , 2020, 15, e0243435.		0
29	Annotating digital text with phonemic cues to support decoding in struggling readers. , 2020, 15, e0243435.		0
30	Annotating digital text with phonemic cues to support decoding in struggling readers. , 2020, 15, e0243435.		0
31	Annotating digital text with phonemic cues to support decoding in struggling readers. , 2020, 15, e0243435.		0
32	Annotating digital text with phonemic cues to support decoding in struggling readers. , 2020, 15, e0243435.		0
33	Annotating digital text with phonemic cues to support decoding in struggling readers. , 2020, 15, e0243435.		0
34	Categorical phoneme labeling in children with dyslexia does not depend on stimulus duration. <i>Journal of the Acoustical Society of America</i> , 2019, 146, 245-255.	1.1	6
35	The link between reading ability and visual spatial attention across development. <i>Cortex</i> , 2019, 121, 44-59.	2.4	29
36	You Can™ Recognize Two Words Simultaneously. <i>Trends in Cognitive Sciences</i> , 2019, 23, 812-814.	7.8	25

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37	Intensive Summer Intervention Drives Linear Growth of Reading Skill in Struggling Readers. <i>Frontiers in Psychology</i> , 2019, 10, 1900.	2.1	7
38	Applying microstructural models to understand the role of white matter in cognitive development. <i>Developmental Cognitive Neuroscience</i> , 2019, 36, 100624.	4.0	37
39	Combining Citizen Science and Deep Learning to Amplify Expertise in Neuroimaging. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 29.	2.5	41
40	Evaluating arcuate fasciculus laterality measurements across dataset and tractography pipelines. <i>Human Brain Mapping</i> , 2019, 40, 3695-3711.	3.6	24
41	Parallel spatial channels converge at a bottleneck in anterior word-selective cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 10087-10096.	7.1	66
42	Word selectivity in high-level visual cortex and reading skill. <i>Developmental Cognitive Neuroscience</i> , 2019, 36, 100593.	4.0	38
43	A browser-based tool for visualization and analysis of diffusion MRI data. <i>Nature Communications</i> , 2018, 9, 940.	12.8	46
44	Optimizing text for an individual's visual system: The contribution of visual crowding to reading difficulties. <i>Cortex</i> , 2018, 103, 291-301.	2.4	39
45	Evaluating g-ratio weighted changes in the corpus callosum as a function of age and sex. <i>NeuroImage</i> , 2018, 182, 304-313.	4.2	68
46	Reading ability and phoneme categorization. <i>Scientific Reports</i> , 2018, 8, 16842.	3.3	17
47	Tractography optimization using quantitative T1 mapping in the human optic radiation. <i>NeuroImage</i> , 2018, 181, 645-658.	4.2	28
48	Rapid and widespread white matter plasticity during an intensive reading intervention. <i>Nature Communications</i> , 2018, 9, 2260.	12.8	107
49	The posterior arcuate fasciculus and the vertical occipital fasciculus. <i>Cortex</i> , 2017, 97, 274-276.	2.4	70
50	The challenge of mapping the human connectome based on diffusion tractography. <i>Nature Communications</i> , 2017, 8, 1349.	12.8	956
51	The causal relationship between dyslexia and motion perception reconsidered. <i>Scientific Reports</i> , 2017, 7, 4185.	3.3	22
52	The corticospinal tract profile in amyotrophic lateral sclerosis. <i>Human Brain Mapping</i> , 2017, 38, 727-739.	3.6	54
53	Bottom-up and top-down computations in word- and face-selective cortex. <i>ELife</i> , 2017, 6, .	6.0	118
54	Aging-Resilient Associations between the Arcuate Fasciculus and Vocabulary Knowledge: Microstructure or Morphology?. <i>Journal of Neuroscience</i> , 2016, 36, 7210-7222.	3.6	27

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55	Abnormal White Matter Properties in Adolescent Girls With Anorexia Nervosa. <i>Journal of Adolescent Health</i> , 2016, 58, S24-S25.	2.5	0
56	A Major Human White Matter Pathway Between Dorsal and Ventral Visual Cortex. <i>Cerebral Cortex</i> , 2016, 26, 2205-2214.	2.9	139
57	Evaluating the Accuracy of Diffusion MRI Models in White Matter. <i>PLoS ONE</i> , 2015, 10, e0123272.	2.5	67
58	Abnormal white matter properties in adolescent girls with anorexia nervosa. <i>NeuroImage: Clinical</i> , 2015, 9, 648-659.	2.7	48
59	White Matter Consequences of Retinal Receptor and Ganglion Cell Damage. <i>Investigative Ophthalmology and Visual Science</i> , 2014, 55, 6976-6986.	3.3	65
60	The vertical occipital fasciculus: A century of controversy resolved by in vivo measurements. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5214-23.	7.1	221
61	Lifespan maturation and degeneration of human brain white matter. <i>Nature Communications</i> , 2014, 5, 4932.	12.8	335
62	Evaluation and statistical inference for human connectomes. <i>Nature Methods</i> , 2014, 11, 1058-1063.	19.0	225
63	Speed discrimination predicts word but not pseudo-word reading rate in adults and children. <i>Brain and Language</i> , 2014, 138, 27-37.	1.6	7
64	Diffusion properties of major white matter tracts in young, typically developing children. <i>NeuroImage</i> , 2014, 88, 143-154.	4.2	76
65	Anatomy of the visual word form area: Adjacent cortical circuits and long-range white matter connections. <i>Brain and Language</i> , 2013, 125, 146-155.	1.6	206
66	Biological development of reading circuits. <i>Current Opinion in Neurobiology</i> , 2013, 23, 261-268.	4.2	112
67	Quantifying the local tissue volume and composition in individual brains with magnetic resonance imaging. <i>Nature Medicine</i> , 2013, 19, 1667-1672.	30.7	261
68	Neural plasticity after pre-linguistic injury to the arcuate and superior longitudinal fasciculi. <i>Cortex</i> , 2013, 49, 301-311.	2.4	34
69	Effects of early language, speech, and cognition on later reading: a mediation analysis. <i>Frontiers in Psychology</i> , 2013, 4, 586.	2.1	27
70	Learning to See Words. <i>Annual Review of Psychology</i> , 2012, 63, 31-53.	17.7	121
71	Development of white matter and reading skills. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E3045-53.	7.1	288
72	Tract Profiles of White Matter Properties: Automating Fiber-Tract Quantification. <i>PLoS ONE</i> , 2012, 7, e49790.	2.5	669

#	ARTICLE	IF	CITATIONS
73	Specific language and reading skills in school-aged children and adolescents are associated with prematurity after controlling for IQ. <i>Neuropsychologia</i> , 2011, 49, 906-913.	1.6	67
74	Anatomical Properties of the Arcuate Fasciculus Predict Phonological and Reading Skills in Children. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 3304-3317.	2.3	284
75	Individual differences in auditory sentence comprehension in children: An exploratory event-related functional magnetic resonance imaging investigation. <i>Brain and Language</i> , 2010, 114, 72-79.	1.6	42
76	Using Diffusion Tensor Imaging and Fiber Tracking to Characterize Diffuse Perinatal White Matter Injury: A Case Report. <i>Journal of Child Neurology</i> , 2009, 24, 795-800.	1.4	15