

# Michal Ben-Shachar

## List of Publications by Citations

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**Version:** 2024-04-20

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28

papers

1,001

citations

15

h-index

31

g-index

32

ext. papers

1,238

ext. citations

4.5

avg, IF

4.28

L-index

#	Paper	IF	Citations
28	Anatomical properties of the arcuate fasciculus predict phonological and reading skills in children. <i>Journal of Cognitive Neuroscience</i> , <b>2011</b> , 23, 3304-17	3.1	231
27	Development of white matter and reading skills. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, E3045-53	11.5	204
26	Temporal-callosal pathway diffusivity predicts phonological skills in children. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 8556-61	11.5	182
25	Cerebellar white matter pathways are associated with reading skills in children and adolescents. <i>Human Brain Mapping</i> , <b>2015</b> , 36, 1536-53	5.9	42
24	Reading performance correlates with white-matter properties in preterm and term children. <i>Developmental Medicine and Child Neurology</i> , <b>2010</b> , 52, e94-100	3.3	34
23	Decreased and Increased Anisotropy along Major Cerebral White Matter Tracts in Preterm Children and Adolescents. <i>PLoS ONE</i> , <b>2015</b> , 10, e0142860	3.7	32
22	Reduced fractional anisotropy in the anterior corpus callosum is associated with reduced speech fluency in persistent developmental stuttering. <i>Brain and Language</i> , <b>2015</b> , 143, 20-31	2.9	28
21	Toddlers later diagnosed with autism exhibit multiple structural abnormalities in temporal corpus callosum fibers. <i>Cortex</i> , <b>2017</b> , 97, 291-305	3.8	27
20	Variations in the neurobiology of reading in children and adolescents born full term and preterm. <i>NeuroImage: Clinical</i> , <b>2016</b> , 11, 555-565	5.3	27
19	Dorsal and ventral language pathways in persistent developmental stuttering. <i>Cortex</i> , <b>2016</b> , 81, 79-92	3.8	22
18	Do not throw out the baby with the bath water: choosing an effective baseline for a functional localizer of speech processing. <i>Brain and Behavior</i> , <b>2013</b> , 3, 211-22	3.4	18
17	White matter properties associated with pre-reading skills in 6-year-old children born preterm and at term. <i>Developmental Medicine and Child Neurology</i> , <b>2018</b> , 60, 695-702	3.3	17
16	The field of view available to the ventral occipito-temporal reading circuitry. <i>Journal of Vision</i> , <b>2017</b> , 17, 6	0.4	16
15	Beyond production: Brain responses during speech perception in adults who stutter. <i>NeuroImage: Clinical</i> , <b>2016</b> , 11, 328-338	5.3	16
14	White matter microstructural properties correlate with sensorimotor synchronization abilities. <i>NeuroImage</i> , <b>2016</b> , 138, 1-12	7.9	16
13	White matter microstructure and cognitive outcomes in relation to neonatal inflammation in 6-year-old children born preterm. <i>NeuroImage: Clinical</i> , <b>2019</b> , 23, 101832	5.3	15
12	Structural properties of the ventral reading pathways are associated with morphological processing in adult English readers. <i>Cortex</i> , <b>2019</b> , 116, 268-285	3.8	15

11	White Matter Plasticity in Reading-Related Pathways Differs in Children Born Preterm and at Term: A Longitudinal Analysis. <i>Frontiers in Human Neuroscience</i> , <b>2019</b> , 13, 139	3.3	14
10	More than myelin: Probing white matter differences in prematurity with quantitative T1 and diffusion MRI. <i>NeuroImage: Clinical</i> , <b>2019</b> , 22, 101756	5.3	9
9	The Morpheme Interference Effect in Hebrew. <i>Mental Lexicon</i> , <b>2016</b> , 11, 277-307	0.7	9
8	Associations of Reading Efficiency with White Matter Properties of the Cerebellar Peduncles in Children. <i>Cerebellum</i> , <b>2020</b> , 19, 771-777	4.3	8
7	White matter pathways in persistent developmental stuttering: Lessons from tractography. <i>Journal of Fluency Disorders</i> , <b>2018</b> , 55, 68-83	2.3	6
6	The dorsal language pathways in stuttering: Response to commentary. <i>Cortex</i> , <b>2017</b> , 90, 169-172	3.8	4
5	A general role for ventral white matter pathways in morphological processing: Going beyond reading. <i>NeuroImage</i> , <b>2021</b> , 226, 117577	7.9	3
4	Sensitivity to word structure in adult Hebrew readers is associated with microstructure of the ventral reading pathways. <i>Cortex</i> , <b>2020</b> , 128, 234-253	3.8	2
3	Case Series: Fractional Anisotropy Profiles of the Cerebellar Peduncles in Adolescents Born Preterm With Ventricular Dilation. <i>Journal of Child Neurology</i> , <b>2016</b> , 31, 321-7	2.5	2
2	White matter correlates of sensorimotor synchronization in persistent developmental stuttering. <i>Journal of Communication Disorders</i> , <b>2021</b> , 95, 106169	1.9	1
1	White matter properties underlying reading abilities differ in 8-year-old children born full term and preterm: A multi-modal approach.. <i>NeuroImage</i> , <b>2022</b> , 119240	7.9	1