# W Einar Mencl

List of Publications by Year
in descending order



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|---|---|---|---|
| 49 papers | 5,326 citations | 159585 30 h-index | 233421 45 g-index |
| 50 all docs | 50 docs citations | 50 times ranked | 4163 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Disruption of posterior brain systems for reading in children with developmental dyslexia. Biological Psychiatry, 2002, 52, 101-110. | 1.3 | 860 |
| 2 | Development of left occipitotemporal systems for skilled reading in children after a phonologically-based intervention. Biological Psychiatry, 2004, 55, 926-933. | 1.3 | 489 |
| 3 | Functional neuroimaging studies of reading and reading disability (developmental dyslexia). Mental Retardation and Developmental Disabilities Research Reviews, 2000, 6, 207-213. | 3.6 | 486 |
| 4 | Neural systems for compensation and persistence: young adult outcome of childhood reading disability. Biological Psychiatry, 2003, 54, 25-33. | 1.3 | 382 |
| 5 | The Angular Gyrus in Developmental Dyslexia: Task-Specific Differences in Functional Connectivity Within Posterior Cortex. Psychological Science, 2000, 11, 51-56. | 3.3 | 342 |
| 6 | Effects of smoking and smoking abstinence on cognition in adolescent tobacco smokers. Biological Psychiatry, 2005, 57, 56-66. | 1.3 | 342 |
| 7 | Nicotine effects on brain function and functional connectivity in schizophrenia. Biological Psychiatry, 2004, 55, 850-858. | 1.3 | 208 |
| 8 | Sentence complexity and input modality effects in sentence comprehension: an fMRI study. NeuroImage, 2004, 22, 11-21. | 4.2 | 195 |
| 9 | The Neurobiological Basis of Skilled and Impaired Reading: Recent Findings and New Directions. Scientific Studies of Reading, 2004, 8, 273-292. | 2.0 | 165 |
| 10 | Gender-Specific Effects of Prenatal and Adolescent Exposure to Tobacco Smoke on Auditory and Visual Attention. Neuropsychopharmacology, 2007, 32, 2453-2464. | 5.4 | 132 |
| 11 | Prenatal and Adolescent Exposure to Tobacco Smoke Modulates the Development of White Matter Microstructure. Journal of Neuroscience, 2007, 27, 13491-13498. | 3.6 | 131 |
| 12 | Functional Correlates of Verbal Memory Deficits Emerging During Nicotine Withdrawal in Abstinent Adolescent Cannabis Users. Biological Psychiatry, 2007, 61, 31-40. | 1.3 | 129 |
| 13 | The relationship between phonological and auditory processing and brain organization in beginning readers. Brain and Language, 2013, 125, 173-183. | 1.6 | 126 |
| 14 | The neurobiology of adaptive learning in reading: A contrast of different training conditions. Cognitive, Affective and Behavioral Neuroscience, 2004, 4, 67-88. | 2.0 | 117 |
| 15 | Impact of smoking abstinence on working memory neurocircuitry in adolescent daily tobacco smokers. Psychopharmacology, 2007, 193, 557-566. | 3.1 | 83 |
| 16 | Visuospatial Memory Deficits Emerging During Nicotine Withdrawal in Adolescents with Prenatal Exposure to Active Maternal Smoking. Neuropsychopharmacology, 2006, 31, 1550-1561. | 5.4 | 75 |
| 17 | Phonological awareness predicts activation patterns for print and speech. Annals of Dyslexia, 2009, 59, 78-97. | 1.7 | 73 |
| 18 | Glutamate and Choline Levels Predict Individual Differences in Reading Ability in Emergent Readers. Journal of Neuroscience, 2014, 34, 4082-4089. | 3.6 | 73 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Effects of Stimulus Difficulty and Repetition on Printed Word Identification: An fMRI Comparison of Nonimpaired and Reading-disabled Adolescent Cohorts. Journal of Cognitive Neuroscience, 2008, 20, 1146-1160. | 2.3 | 69 |
| 20 | C957T polymorphism of the dopamine D2 receptor gene modulates the effect of nicotine on working memory performance and cortical processing efficiency. Psychopharmacology, 2006, 188, 530-540. | 3.1 | 64 |
| 21 | Unification of sentence processing via ear and eye: An fMRI study. Cortex, 2011, 47, 416-431. | 2.4 | 64 |
| 22 | Print-Speech Convergence Predicts Future Reading Outcomes in Early Readers. Psychological Science, 2016, 27, 75-84. | 3.3 | 64 |
| 23 | Reading Differences and Brain: Cortical Integration of Speech and Print in Sentence Processing Varies With Reader Skill. Developmental Neuropsychology, 2008, 33, 745-775. | 1.4 | 55 |
| 24 | Neuroimaging Studies of Reading Development and Reading Disability. Learning Disabilities Research and Practice, 2001, 16, 240-249. | 1.1 | 49 |
| 25 | Examining Reading Development and Reading Disability in English Language Learners: Potential Contributions from Functional Neuroimaging. Learning Disabilities Research and Practice, 2005, 20, 24-30. | 1.1 | 37 |
| 26 | Functionally integrated neural processing of linguistic and talker information: An event-related fMRI and ERP study. NeuroImage, 2016, 124, 536-549. | 4.2 | 37 |
| 27 | Behavioral and neurobiological effects of printed word repetition in lexical decision and naming. Neuropsychologia, 2005, 43, 2068-2083. | 1.6 | 36 |
| 28 | Allelic Variation of Calsyntenin 2 (CLSTN2) Modulates the Impact of Developmental Tobacco Smoke Exposure on Mnemonic Processing in Adolescents. Biological Psychiatry, 2009, 65, 671-679. | 1.3 | 35 |
| 29 | Neurobiological Bases of Reading Comprehension: Insights From Neuroimaging Studies of Word-Level and Text-Level Processing in Skilled and Impaired Readers. Reading and Writing Quarterly, 2013, 29, 145-167. | 1.4 | 35 |
| 30 | Neural correlates of language and non-language visuospatial processing in adolescents with reading disability. NeuroImage, 2014, 101, 653-666. | 4.2 | 35 |
| 31 | Network analysis of brain activations in working memory: Behavior and age relationships. Microscopy Research and Technique, 2000, 51, 64-74. | 2.2 | 32 |
| 32 | Individual Differences in Reading Skill Are Related to Trial-by-Trial Neural Activation Variability in the Reading Network. Journal of Neuroscience, 2018, 38, 2981-2989. | 3.6 | 31 |
| 33 | An fMRI study of multimodal semantic and phonological processing in reading disabled adolescents. Annals of Dyslexia, 2010, 60, 102-121. | 1.7 | 29 |
| 34 | The COMT Val/Met polymorphism is associated with readingâ€related skills and consistent patterns of functional neural activation. Developmental Science, 2013, 16, 13-23. | 2.4 | 29 |
| 35 | The BDNF Val66Met Polymorphism Influences Reading Ability and Patterns of Neural Activation in Children. PLoS ONE, 2016, 11, e0157449. | 2.5 | 27 |
| 36 | Functional Brain Activation Differences in School-Age Children With Speech Sound Errors: Speech and Print Processing. Journal of Speech, Language, and Hearing Research, 2012, 55, 1068-1082. | 1.6 | 26 |

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|---|---|---|---|
| 37 | Structural brain differences in school-age children with residual speech sound errors. Brain and Language, 2014, 128, 25-33. | 1.6 | 26 |
| 38 | Dough, tough, cough, rough: A â€œfastâ€•fMRI localizer of component processes in reading. Neuropsychologia, 2016, 91, 394-406. | 1.6 | 26 |
| 39 | Common variation within the SETBP1 gene is associated with reading-related skills and patterns of functional neural activation. Neuropsychologia, 2019, 130, 44-51. | 1.6 | 19 |
| 40 | Individual differences in decoding skill, print exposure, and cortical structure in young adults. Language, Cognition and Neuroscience, 2018, 33, 1275-1295. | 1.2 | 16 |
| 41 | Examining individual differences in reading and attentional control networks utilizing an oddball fMRI task. Developmental Cognitive Neuroscience, 2019, 38, 100674. | 4.0 | 14 |
| 42 | Thalamus is a common locus of reading, arithmetic, and IQ: Analysis of local intrinsic functional properties. Brain and Language, 2020, 209, 104835. | 1.6 | 14 |
| 43 | Functional neuroimaging studies of reading and reading disability (developmental dyslexia). Mental Retardation and Developmental Disabilities Research Reviews, 2000, 6, 207-213. | 3.6 | 12 |
| 44 | Common Neural Basis of Motor Sequence Learning and Word Recognition and Its Relation With Individual Differences in Reading Skill. Scientific Studies of Reading, 2019, 23, 89-100. | 2.0 | 10 |
| 45 | How Does the Brain Read Words?. , 0, , 218-236. | | 9 |
| 46 | Functional neuroimaging studies of reading and reading disability (developmental dyslexia). , 0, . | | 9 |
| 47 | Relationships Between Impulsivity, Anxiety, and Risk-Taking and the Neural Correlates of Attention in Adolescents. Developmental Neuropsychology, 2016, 41, 38-58. | 1.4 | 7 |
| 48 | Neurocognitive Markers of Developmental Dyslexia. , 2019, , 277-306. | | 1 |
| 49 | Neuroimaging Perspectives on Skilled and Impaired Reading and the Bilingual Experience. Literacy Studies, 2016, , 25-49. | 0.3 | 0 |