

Karl Magnus Petersson

List of Publications by Year in descending order

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Version: 2024-02-01

147
papers

13,437
citations

22099

59
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23472

111
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152
all docs

152
docs citations

152
times ranked

12341
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Placebo and Opioid Analgesia– Imaging a Shared Neuronal Network. <i>Science</i> , 2002, 295, 1737-1740. | 6.0 | 1,305 |
| 2 | Integration of Word Meaning and World Knowledge in Language Comprehension. <i>Science</i> , 2004, 304, 438-441. | 6.0 | 939 |
| 3 | Declarative memory consolidation in humans: A prospective functional magnetic resonance imaging study. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 756-761. | 3.3 | 467 |
| 4 | Neuronal Dynamics Underlying High- and Low-Frequency EEG Oscillations Contribute Independently to the Human BOLD Signal. <i>Neuron</i> , 2011, 69, 572-583. | 3.8 | 408 |
| 5 | Pain-related cerebral activation is altered by a distracting cognitive task. <i>Pain</i> , 2000, 85, 19-30. | 2.0 | 363 |
| 6 | Frontal theta EEG activity correlates negatively with the default mode network in resting state. <i>International Journal of Psychophysiology</i> , 2008, 67, 242-251. | 0.5 | 348 |
| 7 | The role of precuneus and left inferior frontal cortex during source memory episodic retrieval. <i>NeuroImage</i> , 2005, 27, 824-834. | 2.1 | 322 |
| 8 | Trial-by-trial coupling between EEG and BOLD identifies networks related to alpha and theta EEG power increases during working memory maintenance. <i>NeuroImage</i> , 2009, 44, 1224-1238. | 2.1 | 313 |
| 9 | The illiterate brain. Learning to read and write during childhood influences the functional organization of the adult brain. <i>Brain</i> , 1998, 121, 1053-1063. | 3.7 | 304 |
| 10 | Shared Syntax in Language Production and Language Comprehension–An fMRI Study. <i>Cerebral Cortex</i> , 2012, 22, 1662-1670. | 1.6 | 234 |
| 11 | Neural correlates of training-related memory improvement in adulthood and aging. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 13728-13733. | 3.3 | 233 |
| 12 | Retrieval and Unification of Syntactic Structure in Sentence Comprehension: an fMRI Study Using Word-Category Ambiguity. <i>Cerebral Cortex</i> , 2009, 19, 1493-1503. | 1.6 | 231 |
| 13 | Progesterone selectively increases amygdala reactivity in women. <i>Molecular Psychiatry</i> , 2008, 13, 325-333. | 4.1 | 220 |
| 14 | Common prefrontal activations during working memory, episodic memory, and semantic memory. <i>Neuropsychologia</i> , 2003, 41, 371-377. | 0.7 | 215 |
| 15 | Interaction between the Human Hippocampus and the Caudate Nucleus during Route Recognition. <i>Neuron</i> , 2004, 43, 427-435. | 3.8 | 212 |
| 16 | Rapid automatized naming and reading performance: A meta-analysis.. <i>Journal of Educational Psychology</i> , 2015, 107, 868-883. | 2.1 | 195 |
| 17 | The suppression of repetition enhancement: A review of fMRI studies. <i>Neuropsychologia</i> , 2013, 51, 59-66. | 0.7 | 187 |
| 18 | The right hippocampus participates in short-term memory maintenance of object–location associations. <i>NeuroImage</i> , 2006, 33, 374-382. | 2.1 | 183 |

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|----|--|-----|-----------|
| 19 | Reactivation of Motor Brain Areas during Explicit Memory for Actions. <i>NeuroImage</i> , 2001, 14, 521-528. | 2.1 | 182 |
| 20 | Predictability modulates the affective and sensory-discriminative neural processing of pain. <i>NeuroImage</i> , 2006, 32, 1804-1814. | 2.1 | 177 |
| 21 | Isolating the retrieval of imagined pictures during episodic memory: activation of the left precuneus and left prefrontal cortex. <i>NeuroImage</i> , 2003, 20, 1934-1943. | 2.1 | 176 |
| 22 | Tickling Expectations: Neural Processing in Anticipation of a Sensory Stimulus. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 691-703. | 1.1 | 169 |
| 23 | EEG Alpha Power Modulation of fMRI Resting-State Connectivity. <i>Brain Connectivity</i> , 2012, 2, 254-264. | 0.8 | 164 |
| 24 | What artificial grammar learning reveals about the neurobiology of syntax. <i>Brain and Language</i> , 2012, 120, 83-95. | 0.8 | 158 |
| 25 | A prefrontal non-opioid mechanism in placebo analgesia. <i>Pain</i> , 2010, 150, 59-65. | 2.0 | 157 |
| 26 | Statistical limitations in functional neuroimaging II. Signal detection and statistical inference. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 1261-1281. | 1.8 | 154 |
| 27 | Language Processing Modulated by Literacy: A Network Analysis of Verbal Repetition in Literate and Illiterate Subjects. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 364-382. | 1.1 | 151 |
| 28 | A PET activation study of dynamic mechanical allodynia in patients with mononeuropathy. <i>Pain</i> , 1999, 83, 459-470. | 2.0 | 150 |
| 29 | Fear and the Amygdala: Manipulation of Awareness Generates Differential Cerebral Responses to Phobic and Fear-Relevant (but Nonfeared) Stimuli. <i>Emotion</i> , 2004, 4, 340-353. | 1.5 | 148 |
| 30 | Neural mechanisms for voice recognition. <i>NeuroImage</i> , 2010, 52, 1528-1540. | 2.1 | 143 |
| 31 | Reduced functional brain activity response in cognitively intact apolipoprotein E ϵ 4 carriers. <i>Brain</i> , 2006, 129, 1240-1248. | 3.7 | 133 |
| 32 | Cognitive and neural plasticity in aging: General and task-specific limitations. <i>Neuroscience and Biobehavioral Reviews</i> , 2006, 30, 864-871. | 2.9 | 120 |
| 33 | Brain imaging of human memory systems: between-systems similarities and within-system differences. <i>Cognitive Brain Research</i> , 2002, 13, 281-292. | 3.3 | 118 |
| 34 | The role of color information on object recognition: A review and meta-analysis. <i>Acta Psychologica</i> , 2011, 138, 244-253. | 0.7 | 117 |
| 35 | Statistical limitations in functional neuroimaging. I. Non-inferential methods and statistical models. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 1999, 354, 1239-1260. | 1.8 | 112 |
| 36 | How Progesterone Impairs Memory for Biologically Salient Stimuli in Healthy Young Women. <i>Journal of Neuroscience</i> , 2007, 27, 11416-11423. | 1.7 | 112 |

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|----|--|-----|-----------|
| 37 | Neural correlates of artificial syntactic structure classification. <i>NeuroImage</i> , 2006, 32, 956-967. | 2.1 | 108 |
| 38 | Cognitive processing in literate and illiterate subjects: A review of some recent behavioral and functional neuroimaging data. <i>Scandinavian Journal of Psychology</i> , 2001, 42, 251-267. | 0.8 | 107 |
| 39 | Coexistence of Attention-Based Facilitation and Inhibition in the Human Cortex. <i>NeuroImage</i> , 1998, 7, 23-29. | 2.1 | 104 |
| 40 | Semantic, Factual, and Social Language Comprehension in Adolescents with Autism: An FMRI Study. <i>Cerebral Cortex</i> , 2010, 20, 1937-1945. | 1.6 | 100 |
| 41 | Beyond the Language Given: The Neural Correlates of Inferring Speaker Meaning. <i>Cerebral Cortex</i> , 2014, 24, 2572-2578. | 1.6 | 100 |
| 42 | Neural correlates of pragmatic language comprehension in autism spectrum disorders. <i>Brain</i> , 2009, 132, 1941-1952. | 3.7 | 99 |
| 43 | When Elephants Fly: Differential Sensitivity of Right and Left Inferior Frontal Gyri to Discourse and World Knowledge. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 2358-2368. | 1.1 | 94 |
| 44 | Context-dependent Deactivation of the Amygdala during Pain. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 1289-1301. | 1.1 | 90 |
| 45 | Artificial syntactic violations activate Broca's region. <i>Cognitive Science</i> , 2004, 28, 383-407. | 0.8 | 90 |
| 46 | Syntactic priming and the lexical boost effect during sentence production and sentence comprehension: An fMRI study. <i>Brain and Language</i> , 2013, 124, 174-183. | 0.8 | 89 |
| 47 | Formal Schooling Influences Two- but Not Three-Dimensional Naming Skills. <i>Brain and Cognition</i> , 2001, 47, 397-411. | 0.8 | 87 |
| 48 | The Effects of Literacy and Education on the Quantitative and Qualitative Aspects of Semantic Verbal Fluency. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2004, 26, 266-277. | 0.8 | 87 |
| 49 | On sense and reference: Examining the functional neuroanatomy of referential processing. <i>NeuroImage</i> , 2007, 37, 993-1004. | 2.1 | 84 |
| 50 | The Interface Between Language and Attention: Prosodic Focus Marking Recruits a General Attention Network in Spoken Language Comprehension. <i>Cerebral Cortex</i> , 2013, 23, 1836-1848. | 1.6 | 84 |
| 51 | Age differences in neural correlates of route encoding and route recognition. <i>NeuroImage</i> , 2004, 22, 1503-1514. | 2.1 | 80 |
| 52 | Towards an explicit account of implicit learning. <i>Current Opinion in Neurology</i> , 2005, 18, 435-441. | 1.8 | 76 |
| 53 | Brainstem involvement in the initial response to pain. <i>NeuroImage</i> , 2004, 22, 995-1005. | 2.1 | 75 |
| 54 | Sustained and Transient Neural Modulations in Prefrontal Cortex Related to Declarative Long-Term Memory, Working Memory, and Attention. <i>Cortex</i> , 2007, 43, 22-37. | 1.1 | 75 |

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|----|---|-----|-----------|
| 55 | Literacy: a cultural influence on functional leftâ€”right differences in the inferior parietal cortex. <i>European Journal of Neuroscience</i> , 2007, 26, 791-799. | 1.2 | 67 |
| 56 | Distinguishing cause from effect â€” many deficits associated with developmental dyslexia may be a consequence of reduced and suboptimal reading experience. <i>Language, Cognition and Neuroscience</i> , 2018, 33, 333-350. | 0.7 | 67 |
| 57 | Color makes a difference: Two-dimensional object naming in literate and illiterate subjects. <i>Brain and Cognition</i> , 2006, 60, 49-54. | 0.8 | 66 |
| 58 | Unification of Speaker and Meaning in Language Comprehension: An fMRI Study. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 2085-2099. | 1.1 | 66 |
| 59 | The inferior frontal cortex in artificial syntax processing: An rTMS study. <i>Brain Research</i> , 2008, 1224, 69-78. | 1.1 | 65 |
| 60 | A Dynamic Role of the Medial Temporal Lobe during Retrieval of Declarative Memory in Man. <i>NeuroImage</i> , 1997, 6, 1-11. | 2.1 | 61 |
| 61 | The neurobiology of syntax: beyond string sets. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 1971-1983. | 1.8 | 61 |
| 62 | Memory trace stabilization leads to large-scale changes in the retrieval network: A functional MRI study on associative memory. <i>Learning and Memory</i> , 2007, 14, 472-479. | 0.5 | 60 |
| 63 | Electrophysiological correlates of impaired reading in dyslexic pre-adolescent children. <i>Brain and Cognition</i> , 2012, 79, 79-88. | 0.8 | 59 |
| 64 | Probing the transformation of discontinuous associations into episodic memory: An event-related fMRI study. <i>NeuroImage</i> , 2007, 38, 212-222. | 2.1 | 55 |
| 65 | Synaesthetic Colour in the Brain: Beyond Colour Areas. A Functional Magnetic Resonance Imaging Study of Synaesthetes and Matched Controls. <i>PLoS ONE</i> , 2010, 5, e12074. | 1.1 | 55 |
| 66 | Dynamic changes in the functional anatomy of the human brain during recall of abstract designs related to practice. <i>Neuropsychologia</i> , 1999, 37, 567-587. | 0.7 | 51 |
| 67 | Implicit Learning and Dyslexia. <i>Annals of the New York Academy of Sciences</i> , 2008, 1145, 132-150. | 1.8 | 51 |
| 68 | A Sociodemographic and Neuropsychological Characterization of an Illiterate Population. <i>Applied Neuropsychology</i> , 2003, 10, 191-204. | 1.5 | 50 |
| 69 | Artificial Language Learning in Adults and Children. <i>Language Learning</i> , 2010, 60, 188-220. | 1.4 | 49 |
| 70 | Effective connectivity of cortical and subcortical regions during unification of sentence structure. <i>NeuroImage</i> , 2010, 52, 1633-1644. | 2.1 | 48 |
| 71 | Artificial syntactic violations activate Broca's region. <i>Cognitive Science</i> , 2004, 28, 383-407. | 0.8 | 46 |
| 72 | Dissecting medial temporal lobe contributions to item and associative memory formation. <i>NeuroImage</i> , 2009, 46, 874-881. | 2.1 | 46 |

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|----|---|-----|-----------|
| 73 | Implicit Acquisition of Grammars With Crossed and Nested Non-Adjacent Dependencies: Investigating the Push-Down Stack Model. <i>Cognitive Science</i> , 2012, 36, 1078-1101. | 0.8 | 44 |
| 74 | Lexical and sublexical orthographic processing: An ERP study with skilled and dyslexic adult readers. <i>Brain and Language</i> , 2015, 141, 16-27. | 0.8 | 44 |
| 75 | Neural correlates of language comprehension in autism spectrum disorders: When language conflicts with world knowledge. <i>Neuropsychologia</i> , 2011, 49, 1095-1104. | 0.7 | 43 |
| 76 | Sleep Promotes the Extraction of Grammatical Rules. <i>PLoS ONE</i> , 2013, 8, e65046. | 1.1 | 41 |
| 77 | On the Effects of Spatial Filtering—A Comparative fMRI Study of Episodic Memory Encoding at High and Low Resolution. <i>NeuroImage</i> , 2002, 16, 977-984. | 2.1 | 39 |
| 78 | Cortical Brain Regions Associated with Color Processing: An FMRI Study. <i>Open Neuroimaging Journal</i> , 2010, 4, 164-173. | 0.2 | 39 |
| 79 | fMRI Syntactic and Lexical Repetition Effects Reveal the Initial Stages of Learning a New Language. <i>Journal of Neuroscience</i> , 2016, 36, 6872-6880. | 1.7 | 39 |
| 80 | Probing the neural correlates of associative memory formation: A parametrically analyzed event-related functional MRI study. <i>Brain Research</i> , 2007, 1142, 159-168. | 1.1 | 38 |
| 81 | Visual rapid naming and phonological abilities: Different subtypes in dyslexic children. <i>International Journal of Psychology</i> , 2010, 45, 443-452. | 1.7 | 38 |
| 82 | Processing multiple non-adjacent dependencies: evidence from sequence learning. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 2065-2076. | 1.8 | 38 |
| 83 | The irrelevant speech effect: a PET study. <i>Neuropsychologia</i> , 2003, 41, 1899-1911. | 0.7 | 37 |
| 84 | Effective Auditory—Verbal Encoding Activates the Left Prefrontal and the Medial Temporal Lobes: A Generalization to Illiterate Subjects. <i>NeuroImage</i> , 1999, 10, 45-54. | 2.1 | 36 |
| 85 | The irrelevant speech effect and working memory load. <i>NeuroImage</i> , 2004, 22, 1107-1116. | 2.1 | 36 |
| 86 | A Regression Analysis Study of the Primary Somatosensory Cortex during Pain. <i>NeuroImage</i> , 2002, 16, 1142-1150. | 2.1 | 34 |
| 87 | Component Processes Subserving Rapid Automated Naming in Dyslexic and Non-dyslexic Readers. <i>Dyslexia</i> , 2011, 17, 242-255. | 0.8 | 34 |
| 88 | Functional MRI with reduced susceptibility artifact: high-resolution mapping of episodic memory encoding. <i>NeuroReport</i> , 2001, 12, 1415-1420. | 0.6 | 31 |
| 89 | The impact of reading and writing skills on a visuo-motor integration task: A comparison between illiterate and literate subjects. <i>Journal of the International Neuropsychological Society</i> , 2007, 13, 359-64. | 1.2 | 29 |
| 90 | Mean-based neural coding of voices. <i>NeuroImage</i> , 2013, 79, 351-360. | 2.1 | 28 |

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|-----|---|-----|-----------|
| 91 | Neural correlates of strategic memory retrieval: Differentiating between spatialâ€‘associative and temporalâ€‘associative strategies. <i>Human Brain Mapping</i> , 2008, 29, 1068-1079. | 1.9 | 27 |
| 92 | Implicit Artificial Syntax Processing: Genes, Preference, and Bounded Recursion. <i>Biolinguistics</i> , 2011, 5, 105-132. | 0.6 | 27 |
| 93 | Contributions of the medial temporal lobe to declarative memory retrieval: Manipulating the amount of contextual retrieval. <i>Learning and Memory</i> , 2008, 15, 611-617. | 0.5 | 26 |
| 94 | Mindfulness reduces habitual responding based on implicit knowledge: Evidence from artificial grammar learning. <i>Consciousness and Cognition</i> , 2013, 22, 833-845. | 0.8 | 25 |
| 95 | Interaction between a verbal working memory network and the medial temporal lobe. <i>NeuroImage</i> , 2006, 33, 1207-1217. | 2.1 | 24 |
| 96 | Instruction effects in implicit artificial grammar learning: A preference for grammaticality. <i>Brain Research</i> , 2008, 1221, 80-92. | 1.1 | 23 |
| 97 | Age-effects on associative objectâ€‘location memory. <i>Brain Research</i> , 2010, 1315, 100-110. | 1.1 | 23 |
| 98 | Brocaâ€™s region: A causal role in implicit processing of grammars with crossed non-adjacent dependencies. <i>Cognition</i> , 2017, 164, 188-198. | 1.1 | 23 |
| 99 | Neuronal spike-rate adaptation supports working memory in language processing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20881-20889. | 3.3 | 23 |
| 100 | Dyslexia heterogeneity: cognitive profiling of Portuguese children with dyslexia. <i>Reading and Writing</i> , 2014, 27, 1529-1545. | 1.0 | 21 |
| 101 | Learning-related effects and functional neuroimaging. , 1999, 7, 234-243. | | 20 |
| 102 | The Influence of Color Information on the Recognition of Color Diagnostic and Noncolor Diagnostic Objects. <i>Journal of General Psychology</i> , 2010, 138, 49-65. | 1.6 | 20 |
| 103 | Literacy: Exploring working memory systems. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2012, 34, 369-377. | 0.8 | 20 |
| 104 | Implicit structured sequence learning: an fMRI study of the structural mere-exposure effect. <i>Frontiers in Psychology</i> , 2014, 5, 41. | 1.1 | 20 |
| 105 | A palimpsest memory based on an incremental Bayesian learning rule. <i>Neurocomputing</i> , 2000, 32-33, 987-994. | 3.5 | 19 |
| 106 | Semantic unification modulates N400 and BOLD signal change in the brain: A simultaneous EEG-fMRI study. <i>Journal of Neurolinguistics</i> , 2019, 52, 100855. | 0.5 | 19 |
| 107 | Distinguishing Syntactic Operations in the Brain: Dependency and Phrase-Structure Parsing. <i>Neurobiology of Language (Cambridge, Mass)</i> , 2021, 2, 152-175. | 1.7 | 19 |
| 108 | Language and Literacy from a Cognitive Neuroscience Perspective. , 0, , 152-182. | | 19 |

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|-----|---|-----|-----------|
| 109 | The influence of surface color information and color knowledge information in object recognition. <i>American Journal of Psychology</i> , 2010, 123, 437-446. | 0.5 | 18 |
| 110 | Visual naming deficits in dyslexia: An ERP investigation of different processing domains. <i>Neuropsychologia</i> , 2016, 91, 61-76. | 0.7 | 17 |
| 111 | Isolating the retrieval of imagined pictures during episodic memory: activation of the left precuneus and left prefrontal cortex. <i>NeuroImage</i> , 2003, 20, 1934-1934. | 2.1 | 16 |
| 112 | On the relevance of the neurobiological analogue of the finite-state architecture. <i>Neurocomputing</i> , 2005, 65-66, 825-832. | 3.5 | 16 |
| 113 | Too little or too much? Parafoveal preview benefits and parafoveal load costs in dyslexic adults. <i>Annals of Dyslexia</i> , 2016, 66, 187-201. | 1.2 | 16 |
| 114 | The P600 in Implicit Artificial Grammar Learning. <i>Cognitive Science</i> , 2017, 41, 137-157. | 0.8 | 16 |
| 115 | Disentangling stimulus plausibility and contextual congruency: Electro-physiological evidence for differential cognitive dynamics. <i>Neuropsychologia</i> , 2017, 96, 150-163. | 0.7 | 16 |
| 116 | Selective enhancement of recall through plasticity modulation in an autoassociative memory. <i>Neurocomputing</i> , 2001, 38-40, 867-873. | 3.5 | 14 |
| 117 | Instruction-specific brain activations during episodic encoding. <i>NeuroImage</i> , 2003, 20, 1795-1810. | 2.1 | 14 |
| 118 | Learning related modulation of functional retrieval networks in man. <i>Scandinavian Journal of Psychology</i> , 2001, 42, 197-216. | 0.8 | 13 |
| 119 | Characteristics of Illiterate and Literate Cognitive Processing: Implications of Brainâ€Behavior Co-Constructivism. , 2006, , 279-305. | | 13 |
| 120 | From Reference to Sense: How the Brain Encodes Meaning for Speaking. <i>Frontiers in Psychology</i> , 2011, 2, 384. | 1.1 | 13 |
| 121 | Implicit sequence learning is preserved in dyslexic children. <i>Annals of Dyslexia</i> , 2018, 68, 1-14. | 1.2 | 13 |
| 122 | Disruption of order information by irrelevant items: A serial recognition paradigm. <i>Acta Psychologica</i> , 2007, 124, 356-369. | 0.7 | 12 |
| 123 | The Neuropharmacology of Implicit Learning. <i>Current Neuropharmacology</i> , 2010, 8, 367-381. | 1.4 | 12 |
| 124 | The interaction between surface color and color knowledge: Behavioral and electrophysiological evidence. <i>Brain and Cognition</i> , 2011, 78, 28-37. | 0.8 | 12 |
| 125 | Lexical and Phonological Processes in Dyslexic Readers: Evidence from a Visual Lexical Decision Task. <i>Dyslexia</i> , 2014, 20, 38-53. | 0.8 | 12 |
| 126 | Semantic interference on a phonological task in illiterate subjects. <i>Scandinavian Journal of Psychology</i> , 2007, 48, 69-74. | 0.8 | 11 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | Comments on a Monte Carlo Approach to the Analysis of Functional Neuroimaging Data. <i>NeuroImage</i> , 1998, 8, 108-112. | 2.1 | 9 |
| 128 | Electrophysiological evidence for colour effects on the naming of colour diagnostic and noncolour diagnostic objects. <i>Visual Cognition</i> , 2012, 20, 1164-1185. | 0.9 | 9 |
| 129 | Phonological markers of information structure: An fMRI study. <i>Neuropsychologia</i> , 2014, 58, 64-74. | 0.7 | 9 |
| 130 | Encoding symbolic sequences with spiking neural reservoirs. , 2018, , . | | 9 |
| 131 | A 4D approach to the analysis of functional brain images: Application to FMRI data. <i>Human Brain Mapping</i> , 2001, 13, 185-198. | 1.9 | 8 |
| 132 | Educational level, socioeconomic status and aphasia research: A comment on Connor et al. (2001)â€™Effect of socioeconomic status on aphasia severity and recovery. <i>Brain and Language</i> , 2003, 87, 449-452. | 0.8 | 8 |
| 133 | Musical phrase boundaries, wrap-up and the closure positive shift. <i>Brain Research</i> , 2014, 1585, 99-107. | 1.1 | 8 |
| 134 | Functional Maps and Brain Networks. , 2000, , 111-139. | | 7 |
| 135 | When the Eyes No Longer Lead: Familiarity and Length Effects on Eye-Voice Span. <i>Frontiers in Psychology</i> , 2016, 7, 1720. | 1.1 | 7 |
| 136 | Supramodal Sentence Processing in the Human Brain: fMRI Evidence for the Influence of Syntactic Complexity in More Than 200 Participants. <i>Neurobiology of Language (Cambridge, Mass)</i> , 2022, 3, 575-598. | 1.7 | 7 |
| 137 | On Cognition, Structured Sequence Processing, and Adaptive Dynamical Systems. , 2008, , . | | 6 |
| 138 | Object Naming in Dyslexic Children: More Than a Phonological Deficit. <i>Journal of General Psychology</i> , 2011, 138, 215-228. | 1.6 | 6 |
| 139 | You know when: Event-related potentials and theta/beta power indicate boundary prediction in music. <i>Journal of Integrative Neuroscience</i> , 2014, 13, 19-34. | 0.8 | 6 |
| 140 | Modality effects in implicit artificial grammar learning: An EEG study. <i>Brain Research</i> , 2018, 1687, 50-59. | 1.1 | 6 |
| 141 | Knowing that strawberries are red and seeing red strawberries: the interaction between surface colour and colour knowledge information. <i>Journal of Cognitive Psychology</i> , 2016, 28, 641-657. | 0.4 | 4 |
| 142 | Eye movements in implicit artificial grammar learning.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2017, 43, 1387-1402. | 0.7 | 3 |
| 143 | The effects of ordinal load on incidental temporal learning. <i>Quarterly Journal of Experimental Psychology</i> , 2017, 70, 664-674. | 0.6 | 2 |
| 144 | Differences in verbal repetition in literate and illiterate subjects: A network analysis. <i>NeuroImage</i> , 1998, 7, S218. | 2.1 | 1 |

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|-----|---|-----|-----------|
| 145 | Artificial grammar recognition using spiking neural networks. BMC Neuroscience, 2009, 10, . | 0.8 | 0 |
| 146 | On Forgetful Attractor Network Memories. Perspectives in Neural Computing, 2000, , 54-62. | 0.1 | 0 |
| 147 | The influence of surface color information and color knowledge information in object recognition. American Journal of Psychology, 2011, 124, 437-446. | 0.5 | 0 |