

Manuel Martin-Loeches

List of Publications by Year in descending order

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Version: 2024-02-01

94
papers

2,699
citations

172457

29
h-index

206112

48
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99
all docs

99
docs citations

99
times ranked

2658
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Automatic attention to emotional stimuli: Neural correlates. <i>Human Brain Mapping</i> , 2004, 22, 290-299. | 3.6 | 466 |
| 2 | Emotion and Attention Interaction Studied through Event-Related Potentials. <i>Journal of Cognitive Neuroscience</i> , 2001, 13, 1109-1128. | 2.3 | 257 |
| 3 | The Recognition Potential: An ERP Index of Lexical Access. <i>Brain and Language</i> , 1999, 70, 364-384. | 1.6 | 76 |
| 4 | Semantics prevalence over syntax during sentence processing: A brain potential study of noun-adjoint agreement in Spanish. <i>Brain Research</i> , 2006, 1093, 178-189. | 2.2 | 75 |
| 5 | An early electrophysiological sign of semantic processing in basal extrastriate areas. <i>Psychophysiology</i> , 2001, 38, 114-124. | 2.4 | 64 |
| 6 | Brain activation in discourse comprehension: A 3t fMRI study. <i>NeuroImage</i> , 2008, 41, 614-622. | 4.2 | 64 |
| 7 | Functional differences in the semantic processing of concrete and abstract words. <i>Neuropsychologia</i> , 2001, 39, 1086-1096. | 1.6 | 61 |
| 8 | The influence of emotional words on sentence processing: Electrophysiological and behavioral evidence. <i>Neuropsychologia</i> , 2012, 50, 3262-3272. | 1.6 | 59 |
| 9 | Auditory P300 event related potential and serotonin reuptake inhibitor treatment in obsessive-compulsive disorder patients. <i>Psychiatry Research</i> , 2001, 101, 75-81. | 3.3 | 57 |
| 10 | Human midsagittal brain shape variation: patterns, allometry and integration. <i>Journal of Anatomy</i> , 2010, 216, 589-599. | 1.5 | 54 |
| 11 | Differential Task Effects on N400 and P600 Elicited by Semantic and Syntactic Violations. <i>PLoS ONE</i> , 2014, 9, e91226. | 2.5 | 54 |
| 12 | Event-Related Potentials and Semantics: An Overview and an Integrative Proposal. <i>Brain and Language</i> , 2001, 78, 128-139. | 1.6 | 51 |
| 13 | Valence-related vigilance biases in anxiety studied through event-related potentials. <i>Journal of Affective Disorders</i> , 2004, 78, 119-130. | 4.1 | 51 |
| 14 | Midsagittal brain variation and <sc>MRI</sc> shape analysis of the precuneus in adult individuals. <i>Journal of Anatomy</i> , 2014, 224, 367-376. | 1.5 | 48 |
| 15 | The gate for reading: Reflections on the recognition potential. <i>Brain Research Reviews</i> , 2007, 53, 89-97. | 9.0 | 46 |
| 16 | Sentential Negation Might Share Neurophysiological Mechanisms with Action Inhibition. Evidence from Frontal Theta Rhythm. <i>Journal of Neuroscience</i> , 2016, 36, 6002-6010. | 3.6 | 45 |
| 17 | Common basal extrastriate areas for the semantic processing of words and pictures. <i>Clinical Neurophysiology</i> , 2000, 111, 552-560. | 1.5 | 44 |
| 18 | P300 amplitude as a possible correlate of frontal degeneration in schizophrenia. <i>Schizophrenia Research</i> , 2001, 49, 121-128. | 2.0 | 40 |

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|----|--|-----|-----------|
| 19 | Memory systems for structural and semantic knowledge of faces and buildings. <i>Brain Research</i> , 2006, 1124, 70-80. | 2.2 | 39 |
| 20 | Similarities and differences between phrase structure and morphosyntactic violations in Spanish: An event-related potentials study. <i>Language and Cognitive Processes</i> , 2003, 18, 113-142. | 2.2 | 38 |
| 21 | Beauty and ugliness in the bodies and faces of others: An fMRI study of person esthetic judgement. <i>Neuroscience</i> , 2014, 277, 486-497. | 2.3 | 37 |
| 22 | Electrophysiological brain dynamics during the esthetic judgment of human bodies and faces. <i>Brain Research</i> , 2015, 1594, 154-164. | 2.2 | 37 |
| 23 | Electrophysiological evidence of automatic early semantic processing. <i>Brain and Language</i> , 2004, 88, 39-46. | 1.6 | 35 |
| 24 | Are the anterior negativities to grammatical violations indexing working memory?. <i>Psychophysiology</i> , 2005, 42, 508-519. | 2.4 | 35 |
| 25 | Electrophysiological evidence of an early effect of sentence context in reading. <i>Biological Psychology</i> , 2004, 65, 265-280. | 2.2 | 33 |
| 26 | ERP components reflecting stimulus identification: contrasting the recognition potential and the early repetition effect (N250r). <i>International Journal of Psychophysiology</i> , 2005, 55, 113-125. | 1.0 | 33 |
| 27 | How the Emotional Content of Discourse Affects Language Comprehension. <i>PLoS ONE</i> , 2012, 7, e33718. | 2.5 | 33 |
| 28 | Gender-based differences in the shape of the human corpus callosum are associated with allometric variations. <i>Journal of Anatomy</i> , 2012, 220, 417-421. | 1.5 | 32 |
| 29 | Cortical surface area and cortical thickness in the precuneus of adult humans. <i>Neuroscience</i> , 2015, 286, 345-352. | 2.3 | 32 |
| 30 | Differential clinical, structural and P300 parameters in schizophrenia patients resistant to conventional neuroleptics. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 257-266. | 4.8 | 29 |
| 31 | Semantic processing of open- and closed-class words: an event-related potentials study. <i>Cognitive Brain Research</i> , 2001, 11, 397-407. | 3.0 | 28 |
| 32 | Are semantic and syntactic cues inducing the same processes in the identification of word order?. <i>Cognitive Brain Research</i> , 2005, 24, 526-543. | 3.0 | 27 |
| 33 | Midsagittal brain shape correlation with intelligence and cognitive performance. <i>Intelligence</i> , 2011, 39, 141-147. | 3.0 | 25 |
| 34 | Spatial distribution and cognitive correlates of gamma noise power in schizophrenia. <i>Psychological Medicine</i> , 2013, 43, 1175-1185. | 4.5 | 25 |
| 35 | Long-Term Olanzapine Treatment and P300 Parameters in Schizophrenia. <i>Neuropsychobiology</i> , 2004, 50, 182-188. | 1.9 | 24 |
| 36 | Dorsolateral prefrontal cortex contribution to abnormalities of the P300 component of the event-related potential in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2005, 140, 17-26. | 1.8 | 24 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Subliminal Emotional Words Impact Syntactic Processing: Evidence from Performance and Event-Related Brain Potentials. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 192. | 2.0 | 24 |
| 38 | When syntax meets action: Brain potential evidence of overlapping between language and motor sequencing. <i>Cortex</i> , 2018, 100, 40-51. | 2.4 | 24 |
| 39 | Electrophysiological evidence of a semantic system commonly accessed by animals and tools categories. <i>Cognitive Brain Research</i> , 2001, 12, 321-328. | 3.0 | 23 |
| 40 | How about Lunch? Consequences of the Meal Context on Cognition and Emotion. <i>PLoS ONE</i> , 2013, 8, e70314. | 2.5 | 23 |
| 41 | Elevated noise power in gamma band related to negative symptoms and memory deficit in schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 38, 270-275. | 4.8 | 22 |
| 42 | Studying semantics in the brain: the rapid stream stimulation paradigm. <i>Brain Research Protocols</i> , 2001, 8, 199-207. | 1.6 | 21 |
| 43 | The sacred and the absurd – an electrophysiological study of counterintuitive ideas (at sentence) Tj ETQq1 1 0,784314 rgBT /Ove 1.3 21 | 1.3 | 21 |
| 44 | Frontal gamma noise power and cognitive domains in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2014, 221, 104-113. | 1.8 | 20 |
| 45 | Brain potentials to mathematical syntax problems. <i>Psychophysiology</i> , 2006, 43, 579-591. | 2.4 | 19 |
| 46 | Rules and Heuristics during Sentence Comprehension: Evidence from a Dual-task Brain Potential Study. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 1365-1379. | 2.3 | 19 |
| 47 | Electrophysiology and intelligence: the electrophysiology of intellectual functions in intellectual disability. <i>Journal of Intellectual Disability Research</i> , 2001, 45, 63-75. | 2.0 | 19 |
| 48 | Event-related brain potential correlates of words' emotional valence irrespective of arousal and type of task. <i>Neuroscience Letters</i> , 2018, 670, 83-88. | 2.1 | 18 |
| 49 | Correlation between corpus callosum shape and cognitive performance in healthy young adults. <i>Brain Structure and Function</i> , 2013, 218, 721-731. | 2.3 | 17 |
| 50 | Gamma Power and Cognition in Patients with Schizophrenia and Their First-Degree Relatives. <i>Neuropsychobiology</i> , 2014, 69, 120-128. | 1.9 | 17 |
| 51 | What makes the hedonic experience of a meal in a top restaurant special and retrievable in the long term? Meal-related, social and personality factors. <i>Appetite</i> , 2018, 125, 454-465. | 3.7 | 16 |
| 52 | The recognition potential during sentence presentation: stimulus probability, background stimuli, and SOA. <i>International Journal of Psychophysiology</i> , 2004, 52, 169-186. | 1.0 | 12 |
| 53 | Uses and Abuses of the Enhanced Working Memory Hypothesis in Explaining Modern Thinking. <i>Current Anthropology</i> , 2010, 51, S67-S75. | 1.6 | 11 |
| 54 | Situating language in a minimal social context: how seeing a picture of the speaker's face affects language comprehension. <i>Social Cognitive and Affective Neuroscience</i> , 2021, 16, 502-511. | 3.0 | 11 |

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|----|---|-----|-----------|
| 55 | Encouraging Expressions Affect the Brain and Alter Visual Attention. PLoS ONE, 2009, 4, e5920. | 2.5 | 11 |
| 56 | Tell me sweet little lies: An event-related potentials study on the processing of social lies. Cognitive, Affective and Behavioral Neuroscience, 2016, 16, 616-625. | 2.0 | 10 |
| 57 | Effects of a school-based karate intervention on academic achievement, psychosocial functioning, and physical fitness: A multi-country cluster randomized controlled trial. Journal of Sport and Health Science, 2024, 13, 90-98. | 6.5 | 10 |
| 58 | On the uniqueness of humankind: is language working memory the final piece that made us human?. Journal of Human Evolution, 2006, 50, 226-229. | 2.6 | 9 |
| 59 | Automaticity of higher cognitive functions: Neurophysiological evidence for unconscious syntactic processing of masked words. Biological Psychology, 2014, 103, 83-91. | 2.2 | 9 |
| 60 | Does dynamic information about the speaker's face contribute to semantic speech processing? ERP evidence. Cortex, 2018, 104, 12-25. | 2.4 | 9 |
| 61 | An electrophysiological (ERP) component, the recognition potential, in the assessment of brain semantic networks in patients with schizophrenia. Schizophrenia Research, 2004, 71, 393-404. | 2.0 | 8 |
| 62 | Language comprehension in the social brain: Electrophysiological brain signals of social presence effects during syntactic and semantic sentence processing. Cortex, 2020, 130, 413-425. | 2.4 | 8 |
| 63 | Sources and topography of supramodal effects of spatial attention in ERP. Brain Topography, 1997, 10, 9-22. | 1.8 | 7 |
| 64 | The recognition potential and repetition effects. International Journal of Psychophysiology, 2002, 43, 155-166. | 1.0 | 7 |
| 65 | Neural Dynamics in the Processing of Personal Objects as an Index of the Brain Representation of the Self. Brain Topography, 2020, 33, 86-100. | 1.8 | 7 |
| 66 | Neurophysiological and neuropsychological differences related to performance and verbal abilities in subjects with mild intellectual disability. Journal of Intellectual Disability Research, 2000, 44, 567-578. | 2.0 | 6 |
| 67 | Higher-order activity beyond the word level: Cortical dynamics of simple transitive sentence comprehension. Brain and Language, 2005, 92, 332-348. | 1.6 | 6 |
| 68 | Isolating the Effects of Word's Emotional Valence on Subsequent Morphosyntactic Processing: An Event-Related Brain Potentials Study. Frontiers in Psychology, 2018, 9, 2291. | 2.1 | 6 |
| 69 | He had it Comin': ERPs Reveal a Facilitation for the Processing of Misfortunes to Antisocial Characters. Cognitive, Affective and Behavioral Neuroscience, 2020, 20, 356-370. | 2.0 | 6 |
| 70 | Is Semantic Processing During Sentence Reading Autonomous or Controlled? Evidence from the N400 Component in a Dual Task Paradigm. Advances in Cognitive Psychology, 2015, 11, 42-55. | 0.5 | 6 |
| 71 | Neurofunctional characterization of early prefrontal processes contributing to interpersonal guilt. Cognitive, Affective and Behavioral Neuroscience, 2019, 19, 1192-1202. | 2.0 | 5 |
| 72 | Neural dynamics of pride and shame in social context: an approach with event-related brain electrical potentials. Brain Structure and Function, 2021, 226, 1855-1869. | 2.3 | 5 |

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|----|--|-----|-----------|
| 73 | How Is Sentence Processing Affected by External Semantic and Syntactic Information? Evidence from Event-Related Potentials. PLoS ONE, 2010, 5, e9742. | 2.5 | 5 |
| 74 | Biomechanics of microliths manufacture: a preliminary approach to Neanderthal's motor constraints in the frame of embodied cognition. Journal of Anthropological Sciences, 2017, 95, 203-217. | 0.4 | 5 |
| 75 | Counterintuitive Religious Ideas and Metaphoric Thinking: An Event-Related Brain Potential Study. Cognitive Science, 2016, 40, 972-991. | 1.7 | 4 |
| 76 | The Automatic but Flexible and Content-Dependent Nature of Syntax. Frontiers in Human Neuroscience, 2021, 15, 651158. | 2.0 | 4 |
| 77 | Test-retest reliability of the N400 component in a sentence-reading paradigm. Language, Cognition and Neuroscience, 2017, 32, 1261-1272. | 1.2 | 3 |
| 78 | Effects of reader's facial expression on syntactic processing: A brain potential study. Brain Research, 2020, 1736, 146745. | 2.2 | 3 |
| 79 | Lunching for Relaxation or Cognitive Control? After-Effects of Social and Solitary Meals. Advances in Cognitive Psychology, 2018, 14, 14-20. | 0.5 | 3 |
| 80 | Working Memory Within The Visual Dorsal Stream: Brain Potentials of Spatial Location and Motion Direction Encoding Into Memory. International Journal of Neuroscience, 1998, 96, 87-105. | 1.6 | 2 |
| 81 | Cognitive mechanisms for the evolution of religious thought. Annals of the New York Academy of Sciences, 2013, 1299, 84-90. | 3.8 | 2 |
| 82 | On the interplay between motor sequencing and linguistic syntax: Electrophysiological evidence. Journal of Neurolinguistics, 2020, 53, 100874. | 1.1 | 2 |
| 83 | How society modulates our behavior: Effects on error processing of masked emotional cues contextualized in social status. Social Neuroscience, 2021, 16, 153-165. | 1.3 | 2 |
| 84 | Language comprehension may depend on who you are: how personality traits and social presence seemingly modulate syntactic processing. Language, Cognition and Neuroscience, 2022, 37, 365-380. | 1.2 | 2 |
| 85 | Individual responsiveness to a school-based karate intervention: An ancillary analysis of a randomized controlled trial. Scandinavian Journal of Medicine and Science in Sports, 2022, 32, 1249-1257. | 2.9 | 2 |
| 86 | On the limits between grammatical and ungrammatical sentences: A response to Demestre. Language and Cognitive Processes, 2012, 27, 693-697. | 2.2 | 1 |
| 87 | The nature of morphosyntactic processing during language perception. Evidence from an additional-task study in Spanish and German. International Journal of Psychophysiology, 2019, 143, 9-24. | 1.0 | 1 |
| 88 | Insights from event-related potentials into the temporal and hierarchical organization of the ventral and dorsal streams of the visual system in selective attention. Psychophysiology, 1999, 36, 721-736. | 2.4 | 1 |
| 89 | The Contribution of Brain Imaging to the Study of Human Language. Studies in Hispanic and Lusophone Linguistics, 2011, 4, 521-530. | 0.4 | 0 |
| 90 | Un Índice objetivo de capacidad lectora: El "potencial de reconocimiento" (PR) y el "área cerebral que procesa las formas visuales de las palabras. Psicología Educativa, 2013, 19, 95-101. | 0.9 | 0 |

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| 91 | Un Índice objetivo de capacidad lectora: El 'potencial de reconocimiento' (PR) y el Área cerebral que procesa las formas visuales de las palabras. <i>Psicología Educativa</i> , 2013, 19, 95-101. | 0.9 | 0 |
| 92 | Do discourse global coherence and cumulated information impact on sentence syntactic processing? An event-related brain potentials study. <i>Brain Research</i> , 2016, 1630, 109-119. | 2.2 | 0 |
| 93 | An early electrophysiological sign of semantic processing in basal extrastriate areas. <i>Psychophysiology</i> , 2001, 38, 114-124. | 2.4 | 0 |
| 94 | Subliminal Priming Effects of Masked Social Hierarchies During a Categorization Task: An Event-Related Brain Potentials Study. <i>Frontiers in Human Neuroscience</i> , 0, 16, . | 2.0 | 0 |