

# Luis J J Fuentes

## List of Publications by Year in descending order

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115  
papers

3,369  
citations

147566

31  
h-index

182168

51  
g-index

131  
all docs

131  
docs citations

131  
times ranked

2972  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Inhibitory Advantage in Bilingual Children Revisited. <i>Experimental Psychology</i> , 2014, 61, 234-251.	0.3	370
2	The impact of bilingualism on the executive control and orienting networks of attention. <i>Bilingualism</i> , 2010, 13, 315-325.	1.0	176
3	Is there a bilingual advantage in the ANT task? Evidence from children. <i>Frontiers in Psychology</i> , 2014, 5, 398.	1.1	175
4	Induced Cross-Modal Synaesthetic Experience Without Abnormal Neuronal Connections. <i>Psychological Science</i> , 2009, 20, 258-265.	1.8	104
5	The time course of alerting effect over orienting in the attention network test. <i>Experimental Brain Research</i> , 2008, 185, 667-672.	0.7	90
6	Development of attention networks and their interactions in childhood.. <i>Developmental Psychology</i> , 2014, 50, 2405-2415.	1.2	86
7	Normative data on the n-back task for children and young adolescents. <i>Frontiers in Psychology</i> , 2015, 6, 1544.	1.1	83
8	Monitoring driver fatigue using a single-channel electroencephalographic device: A validation study by gaze-based, driving performance, and subjective data. <i>Accident Analysis and Prevention</i> , 2017, 109, 62-69.	3.0	74
9	The Role of the Anterior Attention System in Semantic Processing of both Foveal and Parafoveal Words. <i>Journal of Cognitive Neuroscience</i> , 1994, 6, 17-25.	1.1	67
10	Acquisition and generalization of action effects. <i>Visual Cognition</i> , 2003, 10, 965-986.	0.9	59
11	The effects of flight complexity on gaze entropy: An experimental study with fighter pilots. <i>Applied Ergonomics</i> , 2019, 77, 92-99.	1.7	55
12	Semantic Processing of Foveally and Parafoveally Presented Words in a Lexical Decision Task. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 1992, 45, 299-322.	2.3	54
13	The Differential Outcome Effect as a Useful Tool to Improve Conditional Discrimination Learning in Children. <i>Learning and Motivation</i> , 2001, 32, 48-64.	0.6	53
14	The effects of sleep deprivation on the attentional functions and vigilance. <i>Acta Psychologica</i> , 2012, 140, 164-176.	0.7	53
15	Temperament and attention in the self-regulation of 7-year-old children. <i>Personality and Individual Differences</i> , 2001, 30, 931-946.	1.6	49
16	Mechanisms of visuospatial orienting in deafness. <i>European Journal of Cognitive Psychology</i> , 2004, 16, 791-805.	1.3	49
17	Inhibitory processing following damage to the parietal lobe. <i>Neuropsychologia</i> , 2003, 41, 1531-1540.	0.7	45
18	On the bilingualism effect in task switching. <i>Bilingualism</i> , 2018, 21, 195-208.	1.0	45

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19	Inhibitory mechanisms of attentional networks: Spatial and semantic inhibitory processing.. Journal of Experimental Psychology: Human Perception and Performance, 1999, 25, 1114-1126.	0.7	44
20	Inhibitory Tagging of Stimulus Properties in Inhibition of Return: Effects on Semantic Priming and Flanker Interference. Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology, 1999, 52, 149-164.	2.3	42
21	Validation of Electroencephalographic Recordings Obtained with a Consumer-Grade, Single Dry Electrode, Low-Cost Device: A Comparative Study. Sensors, 2019, 19, 2808.	2.1	40
22	Differential Outcomes Effect in Children and Adults With Down Syndrome. American Journal on Intellectual and Developmental Disabilities, 2003, 108, 108.	2.7	39
23	Inhibition of Return in Aging and Alzheimers Disease: Performance as a Function of Task Demands and Stimulus Timing. Journal of Clinical and Experimental Neuropsychology, 2001, 23, 431-446.	0.8	38
24	Is There a Specific Pattern of Attention Deficit in Mild Cognitive Impairment with Subcortical Vascular Features? Evidence from the Attention Network Test. Dementia and Geriatric Cognitive Disorders, 2011, 31, 268-275.	0.7	38
25	Spatial and semantic inhibitory processing in schizophrenia.. Neuropsychology, 1999, 13, 259-270.	1.0	37
26	Semantic priming in the prime task effect: Evidence of automatic semantic processing of distractors. Memory and Cognition, 2000, 28, 635-647.	0.9	37
27	Computer-Based Training in Math and Working Memory Improves Cognitive Skills and Academic Achievement in Primary School Children: Behavioral Results. Frontiers in Psychology, 2017, 8, 2327.	1.1	35
28	Stroop interference is affected in inhibition of return. Psychonomic Bulletin and Review, 2001, 8, 315-323.	1.4	34
29	Reorienting of spatial attention in gaze cuing is reflected in N2pc. Social Neuroscience, 2011, 6, 257-269.	0.7	34
30	The role of inattention and hyperactivity/impulsivity in the fine motor coordination in children with ADHD. Research in Developmental Disabilities, 2017, 69, 77-84.	1.2	34
31	Inhibitory tagging in inhibition of return is affected in schizophrenia: Evidence from the Stroop task.. Neuropsychology, 2000, 14, 134-140.	1.0	33
32	Hemispheric modulations of the attentional networks. Brain and Cognition, 2016, 108, 73-80.	0.8	33
33	Improvement of age-related memory deficits by differential outcomes. International Psychogeriatrics, 2009, 21, 503.	0.6	32
34	Effects of sleep loss on emotion recognition: a dissociation between face and word stimuli. Experimental Brain Research, 2014, 232, 3147-3157.	0.7	32
35	Inhibitory processing in visuospatial attention in healthy adults and schizophrenic patients. Schizophrenia Research, 1999, 40, 75-80.	1.1	31
36	Priming and interference effects can be dissociated in the Stroop task: New evidence in favor of the automaticity of word recognition. Psychonomic Bulletin and Review, 2002, 9, 113-118.	1.4	31

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37	Attention Network Functioning in Patients with Dementia with Lewy Bodies and Alzheimer's Disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2010, 29, 139-145.	0.7	31
38	Improving delayed face recognition in Alzheimer's disease by differential outcomes.. <i>Neuropsychology</i> , 2012, 26, 483-489.	1.0	31
39	Abnormal inhibition of return: A review and new data on patients with parietal lobe damage. <i>Cognitive Neuropsychology</i> , 2006, 23, 1049-1064.	0.4	30
40	Enhancing challenged students's™ recognition of mathematical relations through differential outcomes training. <i>Quarterly Journal of Experimental Psychology</i> , 2007, 60, 571-580.	0.6	30
41	Stroop interference and negative priming (NP) suppression in normal aging. <i>Archives of Gerontology and Geriatrics</i> , 2012, 54, 333-338.	1.4	29
42	Brain functional connectivity changes in children that differ in impulsivity temperamental trait. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 156.	1.0	28
43	Assessing children's empathy through a Spanish adaptation of the Basic Empathy Scale: parent and child report forms. <i>Frontiers in Psychology</i> , 2014, 5, 1438.	1.1	28
44	On the Processing of "Extinguished" Stimuli in Unilateral Visual Neglect: An Approach Using Negative Priming. <i>Cognitive Neuropsychology</i> , 1996, 13, 111-136.	0.4	27
45	Differential Age Effects on Attention-Based Inhibition: Inhibitory Tagging and Inhibition of Return.. <i>Psychology and Aging</i> , 2005, 20, 356-360.	1.4	27
46	Emergent Bilingualism and Working Memory Development in School Aged Children. <i>Language Learning</i> , 2016, 66, 51-75.	1.4	25
47	Enhancing recognition memory in adults through differential outcomes. <i>Acta Psychologica</i> , 2011, 136, 129-136.	0.7	24
48	Try to see it my way: Embodied perspective enhances self and friend-biases in perceptual matching. <i>Cognition</i> , 2016, 153, 108-117.	1.1	24
49	Aging and Temporal Patterns of Inhibition of Return. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2007, 62, P71-P77.	2.4	23
50	Arousal and Executive Alterations in Attention Deficit Hyperactivity Disorder (ADHD). <i>Frontiers in Psychology</i> , 2020, 11, 1991.	1.1	23
51	Word-based grouping affects the prime-task effect on semantic priming.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2000, 26, 469-479.	0.7	22
52	Disentangling the effects of working memory, language, parental education, and non-verbal intelligence on children's mathematical abilities. <i>Frontiers in Psychology</i> , 2014, 5, 415.	1.1	22
53	Object-based perceptual grouping affects negative priming.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1998, 24, 664-672.	0.7	21
54	Improving conditional discrimination learning and memory in five-year-old children: Differential outcomes effect using different types of reinforcement. <i>Quarterly Journal of Experimental Psychology</i> , 2009, 62, 1617-1630.	0.6	21

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55	Intentional and automatic numerical processing as predictors of mathematical abilities in primary school children. <i>Frontiers in Psychology</i> , 2015, 6, 375.	1.1	20
56	Inhibitory Tagging of Stimulus Properties in Inhibition of Return: Effects on Semantic Priming and Flanker Interference. , 0, .		20
57	Training with differential outcomes enhances discriminative learning and visuospatial recognition memory in children born prematurely. <i>Research in Developmental Disabilities</i> , 2012, 33, 76-84.	1.2	19
58	Minimizing sleep deprivation effects in healthy adults by differential outcomes. <i>Acta Psychologica</i> , 2012, 139, 391-396.	0.7	19
59	Effortful control is associated with children's school functioning via learning-related behaviors. <i>Learning and Individual Differences</i> , 2018, 63, 78-88.	1.5	19
60	Validation of the Spanish Version of the Woodcock-Johnson Mathematics Achievement Tests for Children Aged 6 to 13. <i>Journal of Psychoeducational Assessment</i> , 2012, 30, 466-477.	0.9	18
61	How do different components of Effortful Control contribute to children's mathematics achievement?. <i>Frontiers in Psychology</i> , 2015, 6, 1383.	1.1	18
62	Phasic and tonic alerting in mild cognitive impairment: A preliminary study. <i>Experimental Gerontology</i> , 2014, 49, 35-39.	1.2	16
63	Facilitation and interference effects in a stroop-like task: Evidence in favor of semantic processing of parafoveally-presented stimuli. <i>Acta Psychologica</i> , 1993, 84, 213-229.	0.7	15
64	The differential outcomes procedure can overcome self-bias in perceptual matching. <i>Psychonomic Bulletin and Review</i> , 2016, 23, 451-458.	1.4	15
65	Genetic association study of dyslexia and ADHD candidate genes in a Spanish cohort: Implications of comorbid samples. <i>PLoS ONE</i> , 2018, 13, e0206431.	1.1	15
66	Computer-Based Cognitive Training Improves Brain Functional Connectivity in the Attentional Networks: A Study With Primary School-Aged Children. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 247.	1.0	15
67	Examining the Dorsolateral and Ventromedial Prefrontal Cortex Involvement in the Self-Attention Network: A Randomized, Sham-Controlled, Parallel Group, Double-Blind, and Multichannel HD-tDCS Study. <i>Frontiers in Neuroscience</i> , 2020, 14, 683.	1.4	15
68	Inhibitory tagging in inhibition of return: Evidence from flanker interference with multiple distractor features. <i>Psychonomic Bulletin and Review</i> , 2007, 14, 320-326.	1.4	14
69	Biasing the organism for novelty: A pervasive property of the attention system. <i>Human Brain Mapping</i> , 2010, 31, 1146-1156.	1.9	14
70	Change Blindness in Children With ADHD. <i>Journal of Attention Disorders</i> , 2013, 17, 620-627.	1.5	14
71	The Neurocognitive Architecture of Individual Differences in Math Anxiety in Typical Children. <i>Scientific Reports</i> , 2018, 8, 8500.	1.6	14
72	The role of chronotype in the interaction between the alerting and the executive control networks. <i>Scientific Reports</i> , 2020, 10, 11901.	1.6	14

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73	Propensity to intentional and unintentional mind-wandering differs in arousal and executive vigilance tasks. <i>PLoS ONE</i> , 2021, 16, e0258734.	1.1	14
74	Differential outcomes effect in children: Demonstration and mechanisms. <i>Learning and Motivation</i> , 2003, 34, 148-167.	0.6	13
75	Processing of "unattended" threat-related information: Role of emotional content and context. <i>Cognition and Emotion</i> , 2006, 20, 1049-1074.	1.2	13
76	Vertical asymmetries and inhibition of return: Effects of spatial and non-spatial cueing on behavior and visual ERPs. <i>International Journal of Psychophysiology</i> , 2014, 91, 121-131.	0.5	12
77	Object-based inhibition of return in patients with posterior parietal damage.. <i>Neuropsychology</i> , 2008, 22, 169-176.	1.0	11
78	The effects of differential outcomes and different types of consequential stimuli on 7-year-old children's discriminative learning and memory. <i>Learning and Behavior</i> , 2013, 41, 298-308.	0.5	11
79	Behavioral and neural interaction between spatial inhibition of return and the Simon effect. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 572.	1.0	11
80	Effects of transcranial alternating current stimulation over right-DLPFC on vigilance tasks depend on the arousal level. <i>Scientific Reports</i> , 2022, 12, 547.	1.6	11
81	Posterior paralimbic and frontal metabolite impairments in asymptomatic hypertension with different treatment outcomes. <i>Hypertension Research</i> , 2010, 33, 67-75.	1.5	10
82	Task Difficulty and Response Complexity Modulate Affective Priming by Emotional Facial Expressions. <i>Quarterly Journal of Experimental Psychology</i> , 2014, 67, 861-871.	0.6	10
83	Backward Semantic Inhibition in Toddlers. <i>Psychological Science</i> , 2016, 27, 1312-1320.	1.8	10
84	Time course of the inhibitory tagging effect in ongoing emotional processing. A HD-tDCS study. <i>Neuropsychologia</i> , 2019, 135, 107242.	0.7	10
85	The vocabulary spurt predicts the emergence of backward semantic inhibition in 18-month-old toddlers. <i>Developmental Science</i> , 2019, 22, e12754.	1.3	10
86	The Differential Outcomes Procedure Enhances Adherence to Treatment: A Simulated Study with Healthy Adults. <i>Frontiers in Psychology</i> , 2015, 6, 1780.	1.1	9
87	Unconscious symmetrical inferences: A role of consciousness in event integration. <i>Consciousness and Cognition</i> , 2006, 15, 386-396.	0.8	8
88	Spatial working memory is enhanced in children by differential outcomes. <i>Scientific Reports</i> , 2015, 5, 17112.	1.6	8
89	Learning and Recall of Medical Treatment-Related Information in Older Adults Using the Differential Outcomes Procedure. <i>Frontiers in Psychology</i> , 2018, 9, 157.	1.1	8
90	Inhibition of Return, but Not Facilitation, Disappears Under Vigilance Decrease Due to Sleep Deprivation. <i>Experimental Psychology</i> , 2014, 61, 99-109.	0.3	8

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91	The ADHD Concomitant Difficulties Scale (ADHD-CDS), a Brief Scale to Measure Comorbidity Associated to ADHD. <i>Frontiers in Psychology</i> , 2016, 7, 871.	1.1	7
92	Reading comprehension and immersion schooling: evidence from component skills. <i>Developmental Science</i> , 2017, 20, e12454.	1.3	7
93	Estudio comparativo de dos programas de entrenamiento de la memoria en personas mayores con quejas subjetivas de memoria: un análisis preliminar.. <i>Anales De Psicología</i> , 2014, 30, .	0.3	6
94	Neurophysiological Activations of Predictive and Non-predictive Exogenous Cues: A Cue-Elicited EEG Study on the Generation of Inhibition of Return. <i>Frontiers in Psychology</i> , 2019, 10, 227.	1.1	6
95	Assessing math anxiety in elementary schoolchildren through a Spanish version of the Scale for Early Mathematics Anxiety (SEMA). <i>PLoS ONE</i> , 2021, 16, e0255777.	1.1	6
96	Adult Age Differences in Attention to Semantic Context. <i>Aging, Neuropsychology, and Cognition</i> , 2008, 15, 657-686.	0.7	4
97	Cortical response of the ventral attention network to unattended angry facial expressions: an EEG source analysis study. <i>Frontiers in Psychology</i> , 2014, 5, 1498.	1.1	4
98	Enhanced learning and retention of medical information in Alzheimer's disease after differential outcomes training. <i>PLoS ONE</i> , 2020, 15, e0231578.	1.1	4
99	The global precedence effect is not affected in inhibition of return. <i>European Journal of Cognitive Psychology</i> , 2000, 12, 472-488.	1.3	3
100	Visual Search and Emotion: How Children with Autism Spectrum Disorders Scan Emotional Scenes. <i>Journal of Autism and Developmental Disorders</i> , 2014, 44, 2871-2881.	1.7	3
101	Sensibilidad de algunas pruebas estandarizadas para evaluar el funcionamiento de la atención ejecutiva en niños de siete años. <i>Electronic Journal of Research in Educational Psychology</i> , 2017, 1, .	0.2	3
102	Mid-luteal phase progesterone effects on vigilance tasks are modulated by women's chronotype. <i>Psychoneuroendocrinology</i> , 2022, 140, 105722.	1.3	3
103	Implicit outcomes expectancies shape memory process: Electrophysiological evidence. <i>Biological Psychology</i> , 2020, 157, 107987.	1.1	2
104	The role of differential outcomes-based feedback on procedural memory. <i>Psychological Research</i> , 2021, 85, 238-245.	1.0	2
105	Gaze-entropy as a task load index for safety-critical operators: military pilots and surgeons.. <i>Journal of Vision</i> , 2016, 16, 1341.	0.1	2
106	Socioeconomic Status, Culture, and Reading Comprehension in Immigrant Students. <i>Frontiers in Psychology</i> , 2021, 12, 752273.	1.1	2
107	Processing of distractors inside and outside the attentional focus in a priming procedure. <i>Visual Cognition</i> , 2006, 13, 601-622.	0.9	1
108	Beyond perception: Testing for implicit conceptual traces in high-load tasks. <i>Consciousness and Cognition</i> , 2009, 18, 820-822.	0.8	1

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109	Dataset of embodied perspective enhances self and friend-biases in perceptual matching. Data in Brief, 2016, 8, 1374-1376.	0.5	1
110	Discriminative learning and associative memory under the differential outcomes procedure is modulated by cognitive load. Acta Psychologica, 2020, 208, 103103.	0.7	1
111	Mathematical Abilities in School-Aged Children: A Structural Magnetic Resonance Imaging Analysis With Radiomics. Frontiers in Neuroscience, 2022, 16, 819069.	1.4	1
112	Unmasking Word Processing with ERPs: Two Novel Linear Techniques for the Estimation of Temporally Overlapped Waveforms. Brain Topography, 2009, 22, 60-71.	0.8	0
113	Commentaries on "Conscious Experience Depends on Multiple Brain Systems" by Carlo Umiltà and Author's Reply. European Psychologist, 2000, 5, 13-15.	1.8	0
114	Simetría de una relación de covariación aprendida implícitamente  Symmetry of a covariation relation implicitly learned. Cultura Y Educación, 2006, 18, 43-53.	0.1	0
115	Influencias inhibitorias de la atención en la selección de información visual par a la acción  Inhibitory attentional influences on visual information selection for action. Cultura Y Educación, 1995, 7, 113-128.	0.1	0