

# Nuria Sebastian-Galles

## List of Publications by Year in descending order

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123  
papers

10,888  
citations

38742

50  
h-index

33894

99  
g-index

128  
all docs

128  
docs citations

128  
times ranked

5710  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bilingualism aids conflict resolution: Evidence from the ANT task. <i>Cognition</i> , 2008, 106, 59-86.	2.2	817
2	On the bilingual advantage in conflict processing: Now you see it, now you don't. <i>Cognition</i> , 2009, 113, 135-149.	2.2	620
3	The bilingual brain. Proficiency and age of acquisition of the second language. <i>Brain</i> , 1998, 121, 1841-1852.	7.6	584
4	The cognate facilitation effect: Implications for models of lexical access. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2000, 26, 1283-1296.	0.9	423
5	Association between Traffic-Related Air Pollution in Schools and Cognitive Development in Primary School Children: A Prospective Cohort Study. <i>PLoS Medicine</i> , 2015, 12, e1001792.	8.4	399
6	EsPal: One-stop shopping for Spanish word properties. <i>Behavior Research Methods</i> , 2013, 45, 1246-1258.	4.0	334
7	Simultaneous Bilingualism and the Perception of a Language-Specific Vowel Contrast in the First Year of Life. <i>Language and Speech</i> , 2003, 46, 217-243.	1.1	330
8	How does the bilingual experience sculpt the brain?. <i>Nature Reviews Neuroscience</i> , 2014, 15, 336-345.	10.2	317
9	Visual Language Discrimination in Infancy. <i>Science</i> , 2007, 316, 1159-1159.	12.6	312
10	Evidence of Early Language Discrimination Abilities in Infants From Bilingual Environments. <i>Infancy</i> , 2001, 2, 29-49.	1.6	281
11	A limit on behavioral plasticity in speech perception. <i>Cognition</i> , 1997, 64, B9-B17.	2.2	274
12	Native-language recognition abilities in 4-month-old infants from monolingual and bilingual environments. <i>Cognition</i> , 1997, 65, 33-69.	2.2	273
13	The Influence of Native-Language Phonology on Lexical Access: Exemplar-Based Versus Abstract Lexical Entries. <i>Psychological Science</i> , 2001, 12, 445-449.	3.3	247
14	The influence of initial exposure on lexical representation: Comparing early and simultaneous bilinguals. <i>Journal of Memory and Language</i> , 2005, 52, 240-255.	2.1	237
15	Persistent stress "deafness": The case of French learners of Spanish. <i>Cognition</i> , 2008, 106, 682-706.	2.2	224
16	A Bilingual Advantage in Visual Language Discrimination in Infancy. <i>Psychological Science</i> , 2012, 23, 994-999.	3.3	216
17	Narrowing of intersensory speech perception in infancy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10598-10602.	7.1	203
18	A robust method to study stress "deafness". <i>Journal of the Acoustical Society of America</i> , 2001, 110, 1606-1618.	1.1	202

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19	Myelination of language-related areas in the developing brain. <i>Neurology</i> , 2006, 66, 339-343.	1.1	188
20	Segmental and Suprasegmental Mismatch in Lexical Access. <i>Journal of Memory and Language</i> , 2001, 45, 412-432.	2.1	178
21	The impact of bilingualism on the executive control and orienting networks of attention. <i>Bilingualism</i> , 2010, 13, 315-325.	1.3	176
22	Online processing of native and non-native phonemic contrasts in early bilinguals. <i>Cognition</i> , 1999, 72, 111-123.	2.2	171
23	Constraints of vowels and consonants on lexical selection: Cross-linguistic comparisons. <i>Memory and Cognition</i> , 2000, 28, 746-755.	1.6	152
24	Contrasting syllabic effects in Catalan and Spanish*1. <i>Journal of Memory and Language</i> , 1992, 31, 18-32.	2.1	143
25	Time course and functional neuroanatomy of speech segmentation in adults. <i>NeuroImage</i> , 2009, 48, 541-553.	4.2	121
26	Vowel categorization during word recognition in bilingual toddlers. <i>Cognitive Psychology</i> , 2009, 59, 96-121.	2.2	102
27	The effects of stress and statistical cues on continuous speech segmentation: An event-related brain potential study. <i>Brain Research</i> , 2006, 1123, 168-178.	2.2	99
28	Perceptual adjustment to time-compressed speech: A cross-linguistic study. <i>Memory and Cognition</i> , 1998, 26, 844-851.	1.6	98
29	Brain potentials to native phoneme discrimination reveal the origin of individual differences in learning the sounds of a second language. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 16083-16088.	7.1	97
30	The use of prosodic cues in language discrimination tasks by rats. <i>Animal Cognition</i> , 2003, 6, 131-136.	1.8	95
31	An Effect of Bilingualism on the Auditory Cortex. <i>Journal of Neuroscience</i> , 2012, 32, 16597-16601.	3.6	95
32	Developmental shift in the discrimination of vowel contrasts in bilingual infants: is the distributional account all there is to it?. <i>Developmental Science</i> , 2009, 12, 874-887.	2.4	92
33	Limits on bilingualism revisited: Stress deafness™ in simultaneous French-Spanish bilinguals. <i>Cognition</i> , 2010, 114, 266-275.	2.2	92
34	First- and Second-language Phonological Representations in the Mental Lexicon. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 1277-1291.	2.3	91
35	Language-specific stress perception by 9-month-old French and Spanish infants. <i>Developmental Science</i> , 2009, 12, 914-919.	2.4	91
36	Bilingualism at the core of the brain. Structural differences between bilinguals and monolinguals revealed by subcortical shape analysis. <i>NeuroImage</i> , 2016, 125, 437-445.	4.2	91

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37	The Lateral Asymmetry of the Human Brain Studied by Volumetric Magnetic Resonance Imaging. <i>NeuroImage</i> , 2002, 17, 670-679.	4.2	90
38	The acquisition of phonetic categories in bilingual infants: new data from an anticipatory eye movement paradigm. <i>Developmental Science</i> , 2011, 14, 395-401.	2.4	90
39	Spontaneous Brain Activity Predicts Learning Ability of Foreign Sounds. <i>Journal of Neuroscience</i> , 2013, 33, 9295-9305.	3.6	85
40	Perception of Prosodic Boundary Correlates by Newborn Infants. <i>Infancy</i> , 2001, 2, 385-394.	1.6	80
41	Building phonotactic knowledge in bilinguals: Role of early exposure.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2002, 28, 974-989.	0.9	80
42	First and second language vowel perception in early bilinguals. <i>European Journal of Cognitive Psychology</i> , 2000, 12, 189-221.	1.3	78
43	Attentional Allocation within the Syllabic Structure of Spoken Words. <i>Journal of Memory and Language</i> , 1993, 32, 373-389.	2.1	70
44	The n-back Test and the Attentional Network Task as measures of child neuropsychological development in epidemiological studies.. <i>Neuropsychology</i> , 2014, 28, 519-529.	1.3	69
45	Differences in Language Exposure and its Effects on Memory Flexibility in Monolingual, Bilingual, and Trilingual Infants. <i>Bilingualism</i> , 2015, 18, 670-682.	1.3	68
46	Regular and irregular morphology and its relationship with agrammatism: Evidence from two Spanish?Catalan bilinguals. <i>Brain and Language</i> , 2004, 91, 212-222.	1.6	64
47	Individual differences in late bilinguals' L2 phonological processes: From acoustic-phonetic analysis to lexical access. <i>Learning and Individual Differences</i> , 2012, 22, 680-689.	2.7	64
48	Adaptation to time-compressed speech: Phonological determinants. <i>Perception &amp; Psychophysics</i> , 2000, 62, 834-842.	2.3	63
49	The Gender Congruity Effect: Evidence from Spanish and Catalan. <i>Language and Cognitive Processes</i> , 1999, 14, 381-391.	2.2	60
50	Discriminating languages by speech-reading. <i>Perception &amp; Psychophysics</i> , 2007, 69, 218-231.	2.3	60
51	The Perception of Second Language Sounds in Early Bilinguals: New Evidence From an Implicit Measure.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2005, 31, 912-918.	0.9	49
52	Delayed myelination in children with developmental delay detected by volumetric MRI. <i>NeuroImage</i> , 2004, 22, 897-903.	4.2	47
53	Grammatical category-specific deficits in bilingual aphasia. <i>Brain and Language</i> , 2008, 107, 68-80.	1.6	46
54	Reading by analogy in a shallow orthography.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1991, 17, 471-477.	0.9	44

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55	Early life multiple exposures and child cognitive function: A multi-centric birth cohort study in six European countries. <i>Environmental Pollution</i> , 2021, 284, 117404.	7.5	44
56	Effects of Backward Speech and Speaker Variability in Language Discrimination by Rats.. <i>Journal of Experimental Psychology</i> , 2005, 31, 95-100.	1.7	42
57	Cross-Language Speech Perception. , 0, , 546-566.		40
58	Understanding Compressed Sentences: The Role of Rhythm and Meaning. <i>Annals of the New York Academy of Sciences</i> , 1993, 682, 272-282.	3.8	38
59	Abstract phonological structure in language production: Evidence from Spanish.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 1998, 24, 886-903.	0.9	38
60	Morphological processing in early bilinguals: An ERP study of regular and irregular verb processing. <i>Cognitive Brain Research</i> , 2005, 25, 312-327.	3.0	38
61	The organisation of nouns and verbs in bilingual speakers: A case of bilingual grammatical category-specific deficit. <i>Journal of Neurolinguistics</i> , 2007, 20, 285-305.	1.1	38
62	The influence of bilingualism on the preference for the mouth region of dynamic faces. <i>Developmental Science</i> , 2017, 20, .	2.4	36
63	Early language differentiation in bilingual infants. <i>Trends in Language Acquisition Research</i> , 2001, , 71-93.	0.3	36
64	Bilingual Language Acquisition: Where Does the Difference Lie?. <i>Human Development</i> , 2010, 53, 245-255.	2.0	35
65	The lateral asymmetry of the human brain studied by volumetric magnetic resonance imaging. <i>NeuroImage</i> , 2002, 17, 670-9.	4.2	35
66	Building phonotactic knowledge in bilinguals: role of early exposure. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2002, 28, 974-89.	0.9	34
67	Language effects in addition: How you say it counts. <i>Quarterly Journal of Experimental Psychology</i> , 2010, 63, 965-983.	1.1	32
68	Neuroanatomical Markers of Social Hierarchy Recognition in Humans: A Combined ERP/MRI Study. <i>Journal of Neuroscience</i> , 2015, 35, 10843-10850.	3.6	32
69	First and Second Language Speech Perception: Graded Learning. <i>Language Learning</i> , 2012, 62, 131-147.	2.7	30
70	Evoked and oscillatory EEG activity differentiates language discrimination in young monolingual and bilingual infants. <i>Scientific Reports</i> , 2018, 8, 2770.	3.3	28
71	Effects of phoneme repertoire. <i>Perception &amp; Psychophysics</i> , 1998, 60, 1022-1031.	2.3	26
72	On the cross-linguistic validity of electrophysiological correlates of morphosyntactic processing: A study of case and agreement violations in Basque. <i>Journal of Neurolinguistics</i> , 2011, 24, 357-373.	1.1	26

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73	“If you are good, I get better”: the role of social hierarchy in perceptual decision-making. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 1489-1497.	3.0	26
74	Lexical Plasticity in Early Bilinguals Does Not Alter Phoneme Categories: II. Experimental Evidence. <i>Journal of Cognitive Neuroscience</i> , 2009, 21, 2343-2357.	2.3	25
75	The role of perceptual salience during the segmentation of connected speech. <i>European Journal of Cognitive Psychology</i> , 2009, 21, 786-800.	1.3	25
76	Neuroanatomical markers of individual differences in native and non-native vowel perception. <i>Journal of Neurolinguistics</i> , 2012, 25, 150-162.	1.1	25
77	Electrophysiological Correlates of Second-Language Syntactic Processes Are Related to Native and Second Language Distance Regardless of Age of Acquisition. <i>Frontiers in Psychology</i> , 2016, 7, 133.	2.1	25
78	The contribution of language-specific knowledge in the selection of statistically-coherent word candidates. <i>Journal of Memory and Language</i> , 2011, 64, 171-180.	2.1	24
79	Native-language sensitivities: evolution in the first year of life. <i>Trends in Cognitive Sciences</i> , 2006, 10, 239-241.	7.8	23
80	The Interplay Between Input and Initial Biases: Asymmetries in Vowel Perception During the First Year of Life. <i>Child Development</i> , 2012, 83, 965-976.	3.0	22
81	Word frequency cues word order in adults: cross-linguistic evidence. <i>Frontiers in Psychology</i> , 2013, 4, 689.	2.1	21
82	Developmental Trajectories in Primary Schoolchildren Using n-Back Task. <i>Frontiers in Psychology</i> , 2016, 7, 716.	2.1	21
83	Infants Prefer Tunes Previously Introduced by Speakers of Their Native Language. <i>Child Development</i> , 2015, 86, 1685-1692.	3.0	20
84	Variability in L2 phonemic learning originates from speech-specific capabilities: An MMN study on late bilinguals. <i>Bilingualism</i> , 2016, 19, 955-970.	1.3	18
85	The development of analogical reading in Spanish. <i>Reading and Writing</i> , 1995, 7, 23-38.	1.7	17
86	Category-specific semantic deficits in Alzheimer's disease: A semantic priming study. <i>Neuropsychologia</i> , 2008, 46, 935-946.	1.6	17
87	Corpus callosum functioning in patients with normal pressure hydrocephalus before and after surgery. <i>Journal of Neurology</i> , 2006, 253, 625-630.	3.6	16
88	Biased to learn language. <i>Developmental Science</i> , 2007, 10, 713-718.	2.4	16
89	Impact of Bilingualism on Infants' Ability to Learn From Talking and Nontalking Faces. <i>Language Learning</i> , 2018, 68, 31-57.	2.7	16
90	Age-related sensitive periods influence visual language discrimination in adults. <i>Frontiers in Systems Neuroscience</i> , 2013, 7, 86.	2.5	15

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91	Brain structure is related to speech perception abilities in bilinguals. <i>Brain Structure and Function</i> , 2014, 219, 1405-1416.	2.3	15
92	Oscillation Encoding of Individual Differences in Speech Perception. <i>PLoS ONE</i> , 2014, 9, e100901.	2.5	14
93	Motor cortex compensates for lack of sensory and motor experience during auditory speech perception. <i>Neuropsychologia</i> , 2019, 128, 290-296.	1.6	13
94	Experience with research paradigms relates to infants' direction of preference. <i>Infancy</i> , 2021, 26, 39-46.	1.6	13
95	On the role of frequency-based cues in the segmentation strategies of adult OV-VO bilinguals. <i>International Journal of Bilingual Education and Bilingualism</i> , 2015, 18, 225-241.	2.1	12
96	Exploring the relationship between speech perception and production across phonological processes, language familiarity, and sensory modalities. <i>Language, Cognition and Neuroscience</i> , 2018, 33, 527-546.	1.2	11
97	Maternal seafood consumption during pregnancy and child attention outcomes: a cohort study with gene effect modification by PUFA-related genes. <i>International Journal of Epidemiology</i> , 2020, 49, 559-571.	1.9	10
98	Exposure to road traffic noise and cognitive development in schoolchildren in Barcelona, Spain: A population-based cohort study. <i>PLoS Medicine</i> , 2022, 19, e1004001.	8.4	10
99	Lexical Plasticity in Early Bilinguals Does Not Alter Phoneme Categories: I. Neurodynamical Modeling. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 76-94.	2.3	9
100	The development of gaze following in monolingual and bilingual infants: A multi-laboratory study. <i>Infancy</i> , 2021, 26, 4-38.	1.6	9
101	Phonology in bilingual language processing: Acquisition, perception, and production. , 0, , .		9
102	Comment on cross-language speech perception: Evidence for perceptual reorganisation during the first year of life. , 2002, 25, 144-146.		8
103	Eyes wide shut: linking brain and pupil in bilingual and monolingual toddlers. <i>Trends in Cognitive Sciences</i> , 2013, 17, 197-198.	7.8	8
104	Infants' representation of social hierarchies in absence of physical dominance. <i>PLoS ONE</i> , 2021, 16, e0245450.	2.5	8
105	El reconocimiento temprano de la lengua materna: un estudio basado en la voz masculina. <i>Infancia Y Aprendizaje</i> , 2001, 24, 197-213.	0.9	7
106	Bilingual Acquisition: The Early Steps. <i>Annual Review of Developmental Psychology</i> , 2020, 2, 47-68.	2.9	7
107	Efficiency as a principle for social preferences in infancy. <i>Journal of Experimental Child Psychology</i> , 2020, 194, 104823.	1.4	7
108	Infants' expectations about the recipients of infant-directed and adult-directed speech. <i>Cognition</i> , 2020, 198, 104214.	2.2	6

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109	The Lateral Asymmetry of the Human Brain Studied by Volumetric Magnetic Resonance Imaging. <i>NeuroImage</i> , 2002, 17, 670-679.	4.2	6
110	The effects of acoustic mismatch and selective listening on repetition deafness.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2001, 27, 356-369.	0.9	5
111	Social context modulates cognitive markers in Obsessive-Compulsive Disorder. <i>Social Neuroscience</i> , 2018, 13, 579-593.	1.3	5
112	The ontogeny of early language discrimination: Beyond rhythm. <i>Cognition</i> , 2021, 213, 104628.	2.2	5
113	Cross-linguistic research on language production. , 0, , 531-546.		4
114	The Roots of Language Learning: Infant Language Acquisition. <i>Language Learning</i> , 2014, 64, 1-5.	2.7	2
115	Multimodal Language Learning: How to Crack the Speech Code by Ear and by Eye. <i>Language Learning</i> , 2018, 68, 7-13.	2.7	2
116	Building phonotactic knowledge in bilinguals: Role of early exposure.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2002, 28, 974-989.	0.9	2
117	A psycholinguist who spoke his mouth: Introduction to the special issue on bilingualism in honour of Albert Costa. <i>Language, Cognition and Neuroscience</i> , 2021, 36, 809-813.	1.2	1
118	Before perceptual narrowing: The emergence of the native sounds of language. <i>Infancy</i> , 2022, 27, 900-915.	1.6	1
119	BIOLOGICAL FOUNDATIONS OF LINGUISTIC DIVERSITY. <i>Theoretical Linguistics</i> , 1997, 23, .	0.2	0
120	"The n-back test and the attentional network task as measures of child neuropsychological development in epidemiological studies": Correction to Forns et al. (2014).. <i>Neuropsychology</i> , 2014, 28, 529-529.	1.3	0
121	Attention modulates somatosensory influences in passive speech listening. <i>Journal of Cognitive Psychology</i> , 2016, 28, 791-806.	0.9	0
122	Traces of statistical learning in the brain's functional connectivity after artificial language exposure. <i>Neuropsychologia</i> , 2019, 124, 246-253.	1.6	0
123	Bilingualism. , 2020, , 157-164.		0