

# Emmanuel Dupoux

## List of Publications by Year in descending order

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Version: 2024-02-01

90  
papers

6,158  
citations

87843

38  
h-index

79644

73  
g-index

98  
all docs

98  
docs citations

98  
times ranked

3778  
citing authors

#	ARTICLE	IF	CITATIONS
1	The native language of social cognition. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12577-12580.	3.3	680
2	Assessing the Ability of LSTMs to Learn Syntax-Sensitive Dependencies. Transactions of the Association for Computational Linguistics, 2016, 4, 521-535.	3.2	364
3	A Destressing "Deafness" in French?. Journal of Memory and Language, 1997, 36, 406-421.	1.1	332
4	Epenthetic vowels in Japanese: A perceptual illusion?. Journal of Experimental Psychology: Human Perception and Performance, 1999, 25, 1568-1578.	0.7	316
5	How rich is consciousness? The partial awareness hypothesis. Trends in Cognitive Sciences, 2010, 14, 301-307.	4.0	305
6	Persistent stress "deafness"™: The case of French learners of Spanish. Cognition, 2008, 106, 682-706.	1.1	224
7	Partial Awareness Creates the "Illusion" of Subliminal Semantic Priming. Psychological Science, 2004, 15, 75-81.	1.8	205
8	A robust method to study stress "deafness". Journal of the Acoustical Society of America, 2001, 110, 1606-1618.	0.5	202
9	Phonological Grammar Shapes the Auditory Cortex: A Functional Magnetic Resonance Imaging Study. Journal of Neuroscience, 2003, 23, 9541-9546.	1.7	188
10	Optical Brain Imaging Reveals General Auditory and Language-Specific Processing in Early Infant Development. Cerebral Cortex, 2011, 21, 254-261.	1.6	154
11	The role of the striatum in rule application: the model of Huntington's disease at early stage. Brain, 2005, 128, 1155-1167.	3.7	129
12	Child-Directed Speech Is Infrequent in a Forager-Farmer Population: A Time Allocation Study. Child Development, 2019, 90, 759-773.	1.7	129
13	Expe: An expandable programming language for on-line psychological experiments. Behavior Research Methods, 1997, 29, 322-327.	1.3	123
14	Optical imaging of infants' neurocognitive development: Recent advances and perspectives. Developmental Neurobiology, 2008, 68, 712-728.	1.5	116
15	Cerebral lateralization and early speech acquisition: A developmental scenario. Developmental Cognitive Neuroscience, 2011, 1, 217-232.	1.9	111
16	The acquisition of allophonic rules: Statistical learning with linguistic constraints. Cognition, 2006, 101, B31-B41.	1.1	97
17	Limits on bilingualism revisited: Stress "deafness"™ in simultaneous French-Spanish bilinguals. Cognition, 2010, 114, 266-275.	1.1	92
18	Language-specific stress perception by 9-month-old French and Spanish infants. Developmental Science, 2009, 12, 914-919.	1.3	91

#	ARTICLE	IF	CITATIONS
19	Perception of predictable stress: A cross-linguistic investigation. <i>Journal of Phonetics</i> , 2010, 38, 422-430.	0.6	89
20	The zero resource speech challenge 2017. , 2017, , .		85
21	A summary of the 2012 JHU CLSP workshop on zero resource speech technologies and models of early language acquisition. , 2013, , .		84
22	Friend or Foe? Early Social Evaluation of Human Interactions. <i>PLoS ONE</i> , 2014, 9, e88612.	1.1	82
23	New evidence for prelexical phonological processing in word recognition. <i>Language and Cognitive Processes</i> , 2001, 16, 491-505.	2.3	80
24	Where do illusory vowels come from?. <i>Journal of Memory and Language</i> , 2011, 64, 199-210.	1.1	77
25	“Native” Objects and Collaborators: Infants' Object Choices and Acts of Giving Reflect Favor for Native Over Foreign Speakers. <i>Journal of Cognition and Development</i> , 2012, 13, 67-81.	0.6	68
26	Mothers Speak Less Clearly to Infants Than to Adults: A Comprehensive Test of the Hyperarticulation Hypothesis. <i>Psychological Science</i> , 2015, 26, 341-347.	1.8	66
27	Cognitive science in the era of artificial intelligence: A roadmap for reverse-engineering the infant language-learner. <i>Cognition</i> , 2018, 173, 43-59.	1.1	64
28	A functional disconnection between spoken and visual word recognition: evidence from unconscious priming. <i>Cognition</i> , 2001, 82, B35-B49.	1.1	63
29	Subliminal Speech Priming. <i>Psychological Science</i> , 2005, 16, 617-625.	1.8	62
30	(Non)words, (non)words, (non)words: evidence for a protolexicon during the first year of life. <i>Developmental Science</i> , 2013, 16, 24-34.	1.3	62
31	The Role of the Striatum in Processing Language Rules: Evidence from Word Perception in Huntington's Disease. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 1555-1569.	1.1	61
32	Unsupervised learning of acoustic sub-word units. , 2008, , .		53
33	Evaluating speech features with the minimal-pair ABX task: analysis of the classical MFC/PLP pipeline. , 0, , .		53
34	Universal moral grammar: a critical appraisal. <i>Trends in Cognitive Sciences</i> , 2007, 11, 373-378.	4.0	52
35	A non-mentalistic cause-based heuristic in human social evaluations. <i>Cognition</i> , 2013, 126, 149-155.	1.1	47
36	Behavioral and Neural Correlates of Communication via Pointing. <i>PLoS ONE</i> , 2011, 6, e17719.	1.1	45

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37	An Online Database of Infant Functional Near InfraRed Spectroscopy Studies: A Community-Augmented Systematic Review. PLoS ONE, 2013, 8, e58906.	1.1	44
38	Breaking the mirror: Asymmetrical disconnection between the phonological input and output codes. Cognitive Neuropsychology, 2007, 24, 3-22.	0.4	43
39	The role of the striatum in phonological processing. Evidence from early stages of Huntington's disease. Cortex, 2009, 45, 839-849.	1.1	43
40	Viewing another person's body as a target object: A behavioural and PET study of pointing. Neuropsychologia, 2012, 50, 1801-1813.	0.7	43
41	Relating Unsupervised Word Segmentation to Reported Vocabulary Acquisition. , 0, , .		43
42	Learning Phonemes With a Proto-lexicon. Cognitive Science, 2013, 37, 103-124.	0.8	41
43	Monitoring the lexicon with normal and compressed speech: Frequency effects and the prelexical code. Journal of Memory and Language, 1990, 29, 316-335.	1.1	40
44	How "semantic" is response priming restricted to practiced items? A reply to Abrams & Grinspan (2007). Consciousness and Cognition, 2007, 16, 954-956.	0.8	40
45	Responses to Vocalizations and Auditory Controls in the Human Newborn Brain. PLoS ONE, 2014, 9, e115162.	1.1	40
46	Cerebral bases of subliminal speech priming. NeuroImage, 2010, 49, 922-929.	2.1	39
47	The Zero Resource Speech Challenge 2015: Proposed Approaches and Results. Procedia Computer Science, 2016, 81, 67-72.	1.2	39
48	The role of the striatum in sentence processing: Evidence from a priming study in early stages of Huntington's disease. Neuropsychologia, 2008, 46, 174-185.	0.7	38
49	AN INFLUENCE OF SYNTACTIC AND SEMANTIC VARIABLES ON WORD FORM RETRIEVAL. Cognitive Neuropsychology, 2003, 20, 163-188.	0.4	36
50	Lexical access without attention? Explorations using dichotic priming.. Journal of Experimental Psychology: Human Perception and Performance, 2003, 29, 172-184.	0.7	36
51	Phonetics embedding learning with side information. , 2014, , .		36
52	Subliminal speech perception and auditory streaming. Cognition, 2008, 109, 267-273.	1.1	32
53	Early phonetic learning without phonetic categories: Insights from large-scale simulations on realistic input. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	27
54	Holographic String Encoding. Cognitive Science, 2011, 35, 79-118.	0.8	25

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55	Neural correlates of infant accent discrimination: an fNIRS study. <i>Developmental Science</i> , 2014, 17, 628-635.	1.3	24
56	Misperception in sentences but not in words: Speech perception and the phonological buffer. <i>Cognitive Neuropsychology</i> , 2006, 23, 949-971.	0.4	23
57	Plasticity of illusory vowel perception in Brazilian-Japanese bilinguals. <i>Journal of the Acoustical Society of America</i> , 2010, 127, 3738-3748.	0.5	23
58	Communicating artificial neural networks develop efficient color-naming systems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	20
59	A deep scattering spectrum " Deep Siamese network pipeline for unsupervised acoustic modeling. , 2016, , .		19
60	On Doing Things Intentionally. <i>Mind and Language</i> , 2012, 27, 378-409.	1.2	18
61	Assessing Signal-Driven Mechanisms in Neonates: Brain Responses to Temporally and Spectrally Different Sounds. <i>Frontiers in Psychology</i> , 2011, 2, 135.	1.1	17
62	Do Infants Really Learn Phonetic Categories?. <i>Open Mind</i> , 2021, 5, 113-131.	0.6	17
63	Is the word-length effect linked to subvocal rehearsal?. <i>Cortex</i> , 2011, 47, 484-493.	1.1	15
64	WordSeg: Standardizing unsupervised word form segmentation from text. <i>Behavior Research Methods</i> , 2020, 52, 264-278.	2.3	15
65	Partial awareness and the illusion of phenomenal consciousness. <i>Behavioral and Brain Sciences</i> , 2007, 30, 510-511.	0.4	13
66	Priming Children's Use of Intentions in Moral Judgement with Metacognitive Training. <i>Frontiers in Psychology</i> , 2016, 7, 190.	1.1	13
67	The development of a phonological illusion: a cross-linguistic study with Japanese and French infants. <i>Developmental Science</i> , 2011, 14, 693-699.	1.3	12
68	Learnability of prosodic boundaries: Is infant-directed speech easier?. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 1239-1250.	0.5	12
69	A Rudimentary Lexicon and Semantics Help Bootstrap Phoneme Acquisition. , 2014, , .		12
70	A Temporal Coherence Loss Function for Learning Unsupervised Acoustic Embeddings. <i>Procedia Computer Science</i> , 2016, 81, 95-100.	1.2	11
71	Segmentability Differences Between Child-Directed and Adult-Directed Speech: A Systematic Test With an Ecologically Valid Corpus. <i>Open Mind</i> , 2019, 3, 13-22.	0.6	11
72	Episodic accessibility and morphological processing: Evidence from long-term auditory priming. <i>Acta Psychologica</i> , 2009, 130, 38-47.	0.7	10

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73	Specificity in Rehabilitation of Word Production: A Meta-Analysis and a Case Study. Behavioural Neurology, 2012, 25, 73-101.	1.1	10
74	Does Infant-Directed Speech Help Phonetic Learning? A Machine Learning Investigation. Cognitive Science, 2021, 45, e12946.	0.8	10
75	Blind Phoneme Segmentation With Temporal Prediction Errors. , 2017, , .		10
76	Insights on NIRS Sensitivity from a Cross-Linguistic Study on the Emergence of Phonological Grammar. Frontiers in Psychology, 2013, 4, 170.	1.1	9
77	SCALA: A blueprint for computational models of language acquisition in social context. Cognition, 2021, 213, 104779.	1.1	8
78	Are Words Easier to Learn From Infant-Than Adult-Directed Speech? A Quantitative Corpus-Based Investigation. Cognitive Science, 2018, 42, 1586-1617.	0.8	7
79	Evaluating automatic speech recognition systems as quantitative models of cross-lingual phonetic category perception. Journal of the Acoustical Society of America, 2018, 143, EL372-EL378.	0.5	6
80	Universals in cognitive theories of language. Behavioral and Brain Sciences, 2009, 32, 468-469.	0.4	5
81	Moral evaluation shapes linguistic reports of others' psychological states, not theory-of-mind judgments. Behavioral and Brain Sciences, 2010, 33, 334-335.	0.4	5
82	Which epenthetic vowel? Phonetic categories versus acoustic detail in perceptual vowel epenthesis. Journal of the Acoustical Society of America, 2017, 142, EL211-EL217.	0.5	5
83	Reverse Engineering Language Acquisition with Child-Centered Long-Form Recordings. Annual Review of Linguistics, 2022, 8, 389-407.	1.2	5
84	Motif discovery in infant- and adult-directed speech. , 2015, , .		4
85	Exploring multi-language resources for unsupervised spoken term discovery. , 2015, , .		2
86	Category Learning: Top-Down Effects Are Not Unique to Humans. Current Biology, 2015, 25, R718-R720.	1.8	2
87	The role of prosodic boundaries in word discovery: Evidence from a computational model. Journal of the Acoustical Society of America, 2016, 140, EL1-EL6.	0.5	2
88	The second person in "I-co-you-co-it" triadic interactions. Behavioral and Brain Sciences, 2013, 36, 416-417.	0.4	1
89	Pointing to others: How the target gender influences pointing performance. Cognitive Neuropsychology, 2016, 33, 343-351.	0.4	1
90	How much does prosody help word segmentation? A simulation study on infant-directed speech. Cognition, 2022, 219, 104961.	1.1	1