Kara D Federmeier

List of Publications by Year
in descending order

139 papers	13,921 citations	41258 49 h-index	22764 112 g-index
147 all docs	147 docs citations	147 times ranked	6621 citing authors

#	Article	IF	Citations
1	Thirty Years and Counting: Finding Meaning in the N400 Component of the Event-Related Brain Potential (ERP). Annual Review of Psychology, 2011, 62, 621-647.	9.9	3,035
2	Electrophysiology reveals semantic memory use in language comprehension. Trends in Cognitive Sciences, 2000, 4, 463-470.	4.0	1,736
3	A Rose by Any Other Name: Long-Term Memory Structure and Sentence Processing. Journal of Memory and Language, 1999, 41, 469-495.	1.1	676
4	Thinking ahead: The role and roots of prediction in language comprehension. Psychophysiology, 2007, 44, 491-505.	1.2	654
5	Timed picture naming in seven languages. Psychonomic Bulletin and Review, 2003, 10, 344-380.	1.4	416
6	A new on-line resource for psycholinguistic studies. Journal of Memory and Language, 2004, 51, 247-250.	1.1	389
7	Multiple effects of sentential constraint on word processing. Brain Research, 2007, 1146, 75-84.	1.1	375
8	The impact of semantic memory organization and sentence context information on spoken language processing by younger and older adults: An ERP study. Psychophysiology, 2002, 39, 133-146.	1.2	284
9	Right words and left words: electrophysiological evidence for hemispheric differences in meaning processing. Cognitive Brain Research, 1999, 8, 373-392.	3.3	279
10	Switching Languages, Switching Palabras (Words): An Electrophysiological Study of Code Switching. Brain and Language, 2002, 80, 188-207.	0.8	232
11	Age-related and individual differences in the use of prediction during language comprehension. Brain and Language, 2010, 115, 149-161.	0.8	217
12	A beautiful day in the neighborhood: An event-related potential study of lexical relationships and prediction in context. Journal of Memory and Language, 2009, 61, 326-338.	1.1	188
13	Timed Action and Object Naming. Cortex, 2005, 41, 7-25.	1.1	177
14	Aging in context: Age-related changes in context use during language comprehension. Psychophysiology, 2005, 42, 133-141.	1.2	174
15	The N400 as a snapshot of interactive processing: Evidence from regression analyses of orthographic neighbor and lexical associate effects. Psychophysiology, 2011, 48, 176-186.	1.2	158
16	Meaning and modality: Influences of context, semantic memory organization, and perceptual predictability on picture processing.. Journal of Experimental Psychology: Learning Memory and Cognition, 2001, 27, 202-224.	0.7	155
17	Right Hemisphere Sensitivity to Word- and Sentence-Level Context: Evidence From Event-Related Brain Potentials.. Journal of Experimental Psychology: Learning Memory and Cognition, 2005, 31, 129-147.	0.7	154
18	Picture the difference: electrophysiological investigations of picture processing in the two cerebral hemispheres. Neuropsychologia, 2002, 40, 730-747.	0.7	152

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19	Hippocampal brain-network coordination during volitional exploratory behavior enhances learning. Nature Neuroscience, 2011, 14, 115-120.	7.1	151
20	FN400 potentials are functionally identical to N400 potentials and reflect semantic processing during recognition testing. Psychophysiology, 2011, 48, 532-546.	1.2	147
21	Sounds, Words, Sentences: Age-Related Changes Across Levels of Language Processing.. Psychology and Aging, 2003, 18, 858-872.	1.4	122
22	Both sides get the point: Hemispheric sensitivities to sentential constraint. Memory and Cognition, 2005, 33, 871-886.	0.9	122
23	Finding the right word: Hemispheric asymmetries in the use of sentence context information. Neuropsychologia, 2007, 45, 3001-3014.	0.7	121
24	So that's what you meant! Event-related potentials reveal multiple aspects of context use during construction of message-level meaning. NeuroImage, 2012, 62, 356-366.	2.1	117
25	Effects of transient, mild mood states on semantic memory organization and use: an event-related potential investigation in humans. Neuroscience Letters, 2001, 305, 149-152.	1.0	116
26	The impact of semantic memory organization and sentence context information on spoken language processing by younger and older adults: an ERP study. Psychophysiology, 2002, 39, 133-46.	1.2	109
27	Event-Related Brain Potentials: Methods, Theory, and Applications. , 0, , 85-119.		107
28	The memory that's right and the memory that's left: Event-related potentials reveal hemispheric asymmetries in the encoding and retention of verbal information. Neuropsychologia, 2007, 45, 1777-1790.	0.7	106
29	Timed picture naming: Extended norms and validation against previous studies. Behavior Research Methods, 2003, 35, 621-633.	1.3	105
30	Spontaneous revisitation during visual exploration as a link among strategic behavior, learning, and the hippocampus. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E402-9.	3.3	102
31	To predict or not to predict: Age-related differences in the use of sentential context.. Psychology and Aging, 2012, 27, 975-988.	1.4	96
32	Chapter 1 Time for Meaning. Psychology of Learning and Motivation - Advances in Research and Theory, 2009, , 1-44.	0.5	94
33	Revisiting the incremental effects of context on word processing: Evidence from singleâ€word eventâ€related brain potentials. Psychophysiology, 2015, 52, 1456-1469.	1.2	94
34	Time for prediction? The effect of presentation rate on predictive sentence comprehension during word-by-word reading. Cortex, 2015, 68, 20-32.	1.1	92
35	Alpha and theta band dynamics related to sentential constraint and word expectancy. Language, Cognition and Neuroscience, 2017, 32, 576-589.	0.7	91
36	Language of the Aging Brain: Eventâ€Related Potential Studies of Comprehension in Older Adults. Language and Linguistics Compass, 2010, 4, 623-638.	1.3	88

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37	The P3b and P600(s): Positive contributions to language comprehension. Psychophysiology, 2020, 57, e13351.	1.2	86
38	Imagine that! ERPs provide evidence for distinct hemispheric contributions to the processing of concrete and abstract concepts. NeuroImage, 2010, 49, 1116-1123.	2.1	81
39	What's â€˜Rightâ€™ in Language Comprehension: Eventâ€Related Potentials Reveal Right Hemisphere Language Capabilities. Language and Linguistics Compass, 2008, 2, 1-17.	1.3	79
40	Learning-induced multiple synapse formation in rat cerebellar cortex. Neuroscience Letters, 2002, 332, 180-184.	1.0	70
41	Event-related Potentials Reveal Age Differences in the Encoding and Recognition of Scenes. Journal of Cognitive Neuroscience, 2007, 19, 1089-1103.	1.1	70
42	Ageâ€related changes in the impact of contextual strength on multiple aspects of sentence comprehension. Psychophysiology, 2012, 49, 770-785.	1.2	68
43	Never seem to find the time: evaluating the physiological time course of visual word recognition with regression analysis of single-item event-related potentials. Language, Cognition and Neuroscience, 2014, 29, 642-661.	0.7	68
44	To mind the mind: An event-related potential study of word class and semantic ambiguity. Brain Research, 2006, 1081, 191-202.	1.1	62
45	Event-related brain potential (ERP) studies of sentence processing. , 0, , 385-406.		62
46	Better the DVL You Know. Psychological Science, 2007, 18, 122-126.	1.8	59
47	To watch, to see, and to differ: An event-related potential study of concreteness effects as a function of word class and lexical ambiguity. Brain and Language, 2008, 104, 145-158.	0.8	59
48	Wave-ering: An ERP study of syntactic and semantic context effects on ambiguity resolution for noun/verb homographs. Journal of Memory and Language, 2009, 61, 538-555.	1.1	58
49	Verbal working memory predicts co-speech gesture: Evidence from individual differences. Cognition, 2014, 132, 174-180.	1.1	57
50	The Potato Chip Really Does Look Like Elvis! Neural Hallmarks of Conceptual Processing Associated with Finding Novel Shapes Subjectively Meaningful. Cerebral Cortex, 2012, 22, 2354-2364.	1.6	55
51	The association between aerobic fitness and language processing in children: Implications for academic achievement. Brain and Cognition, 2014, 87, 140-152.	0.8	55
52	Minding the body. Psychophysiology, 1998, 35, 135-150.	1.2	48
53	Pace Yourself: Intraindividual Variability in Context Use Revealed by Self-paced Event-related Brain Potentials. Journal of Cognitive Neuroscience, 2017, 29, 837-854.	1.1	47
54	Predictability's aftermath: Downstream consequences of word predictability as revealed byÂrepetition effects. Cortex, 2018, 101, 16-30.	1.1	45

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55	Contextual constraints on lexico-semantic processing in aging: Evidence from single-word event-related brain potentials. Brain Research, 2018, 1687, 117-128.	1.1	43
56	Minding the PS, queues, and PXQs: Uniformity of semantic processing across multiple stimulus types. Psychophysiology, 2008, 45, 458-466.	1.2	42
57	Won't get fooled again: An event-related potential study of task and repetition effects on the semantic processing of items without semantics. Language and Cognitive Processes, 2012, 27, 257-274.	2.3	38
58	Connecting and considering: Electrophysiology provides insights into comprehension. Psychophysiology, 2022, 59, e13940.	1.2	37
59	Frequency and regularity effects in reading are task dependent: evidence from ERPs. Language, Cognition and Neuroscience, 2014, 29, 1342-1355.	0.7	36
60	The acronym superiority effect. Psychonomic Bulletin and Review, 2007, 14, 1158-1163.	1.4	34
61	Two Sides of Meaning: The Scalp-Recorded N400 Reflects Distinct Contributions from the Cerebral Hemispheres. Frontiers in Psychology, 2013, 4, 181.	1.1	34
62	Getting ahead of yourself: Parafoveal word expectancy modulates the N400 during sentence reading. Cognitive, Affective and Behavioral Neuroscience, 2017, 17, 475-490.	1.0	34
63	Categorical and Metric Spatial Processes Distinguished by Task Demands and Practice. Journal of Cognitive Neuroscience, 1999, 11, 153-166.	1.1	32
64	Downstream Behavioral and Electrophysiological Consequences of Word Prediction on Recognition Memory. Frontiers in Human Neuroscience, 2019, 13, 291.	1.0	32
65	A â€œconcrete viewâ€•of aging: Event related potentials reveal age-related changes in basic integrative processes in language. Neuropsychologia, 2012, 50, 26-35.	0.7	31
66	The effects of context, meaning frequency, and associative strength on semantic selection: Distinct contributions from each cerebral hemisphere. Brain Research, 2007, 1183, 91-108.	1.1	30
67	Lingering expectations: A pseudo-repetition effect for words previously expected but not presented. NeuroImage, 2018, 183, 263-272.	2.1	30
68	Electrophysiological analysis of context effects in Alzheimer's disease.. Neuropsychology, 2003, 17, 187-201.	1.0	29
69	Use of Contextual Information and Prediction by Struggling Adult Readers: Evidence From Reading Times and Event-Related Potentials. Scientific Studies of Reading, 2017, 21, 359-375.	1.3	29
70	Electrophysiology of Object Naming in Primary Progressive Aphasia. Journal of Neuroscience, 2009, 29, 15762-15769.	1.7	27
71	The effects of context on processing words during sentence reading among adults varying in age and literacy skill.. Psychology and Aging, 2017, 32, 460-472.	1.4	27
72	Hemispheric asymmetries in the time course of recognition memory. Psychonomic Bulletin and Review, 2005, 12, 993-998.	1.4	26

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73	Eventâ€related brain potentials reveal how multiple aspects of semantic processing unfold across parafoveal and foveal vision during sentence reading. Psychophysiology, 2019, 56, e13432.	1.2	26
74	Event-related Potential Signatures of Relational Memory. Journal of Cognitive Neuroscience, 2006, 18, 1863-1876.	1.1	24
75	Cross-age comparisons reveal multiple strategies for lexical ambiguity resolution during natural reading.. Journal of Experimental Psychology: Learning Memory and Cognition, 2013, 39, 1823-1841.	0.7	24
76	Do morphemes matter when reading compound words with transposed letters? Evidence from eye-tracking and event-related potentials. Language, Cognition and Neuroscience, 2016, 31, 1299-1319.	0.7	24
77	Itâ€™s All in the Family. Psychological Science, 2015, 26, 997-1005.	1.8	23
78	Out of the corner of my eye: Foveal semantic load modulates parafoveal processing in reading.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 1839-1857.	0.7	23
79	Multiple priming of lexically ambiguous and unambiguous targets in the cerebral hemispheres: The coarse coding hypothesis revisited. Brain Research, 2007, 1153, 144-157.	1.1	22
80	Differential age effects on lexical ambiguity resolution mechanisms. Psychophysiology, 2011, 48, 960-972.	1.2	22
81	Summing it up: Semantic activation processes in the two hemispheres as revealed by event-related potentials. Brain Research, 2008, 1233, 146-159.	1.1	21
82	Remembering and Voting: Theory and Evidence from Amnesic Patients. American Journal of Political Science, 2012, 56, 837-848.	2.9	21
83	Ambiguity's aftermath: How age differences in resolving lexical ambiguity affect subsequent comprehension. Neuropsychologia, 2012, 50, 869-879.	0.7	21
84	Evidence for similar patterns of neural activity elicited by picture- and word-based representations of natural scenes. NeuroImage, 2017, 155, 422-436.	2.1	21
85	Event-related potentials reveal the effects of aging on meaning selection and revision. Psychophysiology, 2010, 47, 673-86.	1.2	20
86	The N400 reveals how personal semantics is processed: Insights into the nature and organization of self-knowledge. Neuropsychologia, 2016, 84, 36-43.	0.7	20
87	How struggling adult readers use contextual information when comprehending speech: Evidence from event-related potentials. International Journal of Psychophysiology, 2018, 125, 1-9.	0.5	20
88	Context-based facilitation of semantic access follows both logarithmic and linear functions of stimulus probability. Journal of Memory and Language, 2022, 123, 104311.	1.1	20
89	Hemispheric differences in the recruitment of semantic processing mechanisms. Neuropsychologia, 2010, 48, 3772-3781.	0.7	19
90	Interâ€•and intraâ€•individual coupling between pupillary, electrophysiological, and behavioral responses in a visual oddball task. Psychophysiology, 2021, 58, e13758.	1.2	19

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91	The N300: An Index for Predictive Coding of Complex Visual Objects and Scenes. Cerebral Cortex Communications, 2021, 2, tgab030.	0.7	18
92	The divided visual world paradigm: Eye tracking reveals hemispheric asymmetries in lexical ambiguity resolution. Brain Research, 2008, 1222, 166-183.	1.1	17
93	Talker-specific predictions during language processing. Language, Cognition and Neuroscience, 2020, 35, 797-812.	0.7	17
94	Left and right memory revisited: Electrophysiological investigations of hemispheric asymmetries at retrieval. Neuropsychologia, 2009, 47, 303-313.	0.7	16
95	The language of arithmetic across the hemispheres: An event-related potential investigation. Brain Research, 2017, 1662, 46-56.	1.1	16
96	The fate of the unexpected: Consequences of misprediction assessed using ERP repetition effects. Brain Research, 2021, 1757, 147290.	1.1	14
97	Examining the Role of General Cognitive Skills in Language Processing: A Window Into Complex Cognition. Current Directions in Psychological Science, 2020, 29, 575-582.	2.8	13
98	See what I mean? An ERP study of the effect of background knowledge on novel object processing. Memory and Cognition, 2009, 37, 277-291.	0.9	12
99	Automatic and controlled aspects of lexical associative processing in the two cerebral hemispheres. Psychophysiology, 2010, 47, 774-85.	1.2	12
100	Towards a brain computer interface based on the N2pc event-related potential. , 2013, , .		12
101	Sensory and semantic activations evoked by action attributes of manipulable objects: Evidence from ERPs. NeuroImage, 2018, 167, 331-341.	2.1	12
102	Dividing attention influences contextual facilitation and revision during language comprehension. Brain Research, 2021, 1764, 147466.	1.1	12
103	Hemispheric differences in orthographic and semantic processing as revealed by event-related potentials. Neuropsychologia, 2014, 64, 230-239.	0.7	11
104	Ageâ€related shifts in hemispheric dominance for syntactic processing. Psychophysiology, 2017, 54, 1929-1939.	1.2	11
105	What's â€œleftâ€? Hemispheric sensitivity to predictability and congruity during sentence reading by older adults. Neuropsychologia, 2019, 133, 107173.	0.7	11
106	Alcohol and Neural Dynamics: A Meta-analysis of Acute Alcohol Effects on Event-Related Brain Potentials. Biological Psychiatry, 2021, 89, 990-1000.	0.7	11
107	Representational Pattern Similarity of Electrical Brain Activity Reveals Rapid and Specific Prediction during Language Comprehension. Cerebral Cortex, 2021, 31, 4300-4313.	1.6	11
108	Subsequent to suppression: Downstream comprehension consequences of noun/verb ambiguity in natural reading.. Journal of Experimental Psychology: Learning Memory and Cognition, 2015, 41, 1497-1515.	0.7	9

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109	The Effects of Gender Cues and Political Sophistication on Candidate Evaluation. Communication Research, 2016, 43, 922-944.	3.9	9
110	Event-related brain potentials reveal age-related changes in parafoveal-foveal integration during sentence processing. Neuropsychologia, 2017, 106, 358-370.	0.7	9
111	Literacy skill and intra-individual variability in eye-fixation durations during reading: Evidence from a diverse community-based adult sample. Quarterly Journal of Experimental Psychology, 2020, 73, 1841-1861.	0.6	9
112	Task demands modulate decision and eye movement responses in the chimeric face test: examining the right hemisphere processing account. Frontiers in Psychology, 2014, 5, 229.	1.1	8
113	Flexible conceptual combination: Electrophysiological correlates and consequences for associative memory. Psychophysiology, 2017, 54, 833-847.	1.2	8
114	Aligning Linguistic and Brain Views on Language Comprehension. , 2003, , 143-168.		8
115	It's About Time. Brain and Language, 2000, 71, 62-64.	0.8	7
116	Imaginative Language: What Event-Related Potentials have Revealed about the Nature and Source of Concreteness Effects. Language and Linguistics, 2015, 16, 503-515.	0.1	7
117	A Common Neural Progression to Meaning in About a Third of a Second. , 2016, , 557-567.		7
118	Individual Differences in Reading Speed are Linked to Variability in the Processing of Lexical and Contextual Information: Evidence from Single-trial Event-related Brain Potentials. Word, 2019, 65, 252-272.	0.5	7
119	Execution of Lexical and Conceptual Processes in Sentence Comprehension among Adult Readers as a Function of Literacy Skill. Scientific Studies of Reading, 2020, 24, 338-355.	1.3	7
120	Direct feedback and social conformity promote behavioral change via mechanisms indexed by centroparietal positivity: Electrophysiological evidence from a roleâ€swapping ultimatum game. Psychophysiology, 2022, 59, e13985.	1.2	7
121	Adult Age Differences in the Use of Conceptual Combination as an Associative Encoding Strategy. Frontiers in Human Neuroscience, 2019, 13, 339.	1.0	6
122	Event-related potential evidence suggesting voters remember political events that never happened. Social Cognitive and Affective Neuroscience, 2014, 9, 358-366.	1.5	5
123	What does â€œitâ€•mean, anyway? Examining the time course of semantic activation in reference resolution. Language, Cognition and Neuroscience, 2019, 34, 115-136.	0.7	4
124	Minding the body. , 1998, 35, 135.		4
125	The power of â€œgoodâ€• Can adjectives rapidly decrease as well as increase the availability of the upcoming noun?. Journal of Experimental Psychology: Learning Memory and Cognition, 2022, 48, 856-875.	0.7	4
126	Age-related changes in the structure and dynamics of the semantic network. Language, Cognition and Neuroscience, 2022, 37, 805-819.	0.7	4

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127	Dispreferred adjective orders elicit brain responses associated with lexico-semantic rather than syntactic processing. Brain Research, 2012, 1475, 62-70.	1.1	3
128	Your favorite number is special (to you): Evidence for item-level differences in retrieval of information from numerals. Neuropsychologia, 2018, 117, 253-260.	0.7	3
129	The effect of acute alcohol intoxication on alcohol cue salience: An event-related brain potential study.. Psychology of Addictive Behaviors, 2022, 36, 861-870.	1.4	3
130	Hemispheric Asymmetries in Verbal Memory. Advances in Psychology, 2008, , 33-44.	0.1	2
131	Neural Signatures of Learning Novel Objectâ€“Scene Associations. Journal of Cognitive Neuroscience, 2020, 32, 783-803.	1.1	2
132	For distinguished contributions to psychophysiology: Marta Kutas. Psychophysiology, 2010, 47, 403-409.	1.2	1
133	Event-related brain potentials in multilingual language processing: The N's and P's. Psychology of Learning and Motivation - Advances in Research and Theory, 2020, 72, 75-118.	0.5	1
134	Aging in context: Age-related changes in context use during language comprehension. , 2005, 42, 133.		1
135	Differential age effects on lexical ambiguity resolution mechanisms. , 2011, 48, 960.		1
136	The last course of coarse coding: Hemispheric similarities in associative and categorical semantic processing. Brain and Language, 2022, 229, 105123.	0.8	1
137	Processing Stage Affected by Visual Prediction is a Function of Preparation Time. Journal of Vision, 2017, 17, 852.	0.1	0
138	Visual Scenes Prime Associated Novel Objects as a Function of Prime-Target Delay, Temporal Expectancy, and Hemispheric Lateralization. Journal of Vision, 2018, 18, 1156.	0.1	0
139	Does the Brainâ€™s Sensitivity to Statistical Regularity Require Attention?. Journal of Vision, 2019, 19, 226.	0.1	0