

# Miriam Faust

## List of Publications by Year in descending order

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Version: 2024-02-01

80  
papers

4,253  
citations

101543

36  
h-index

118850

62  
g-index

92  
all docs

92  
docs citations

92  
times ranked

2118  
citing authors

#	ARTICLE	IF	CITATIONS
1	An fMRI investigation of the neural correlates underlying the processing of novel metaphoric expressions. <i>Brain and Language</i> , 2007, 100, 115-126.	1.6	341
2	The role of the right hemisphere in processing nonsalient metaphorical meanings: Application of Principal Components Analysis to fMRI data. <i>Neuropsychologia</i> , 2005, 43, 2084-2100.	1.6	220
3	Investigating the structure of semantic networks in low and high creative persons. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 407.	2.0	214
4	Brainwaves are stethoscopes: ERP correlates of novel metaphor comprehension. <i>Brain Research</i> , 2007, 1160, 69-81.	2.2	157
5	A Semantic Network Cartography of the Creative Mind. <i>Trends in Cognitive Sciences</i> , 2019, 23, 271-274.	7.8	145
6	Sentence context and lexical ambiguity resolution by the two hemispheres. <i>Neuropsychologia</i> , 1998, 36, 827-835.	1.6	142
7	The role of the right cerebral hemisphere in processing novel metaphoric expressions taken from poetry: A divided visual field study. <i>Neuropsychologia</i> , 2007, 45, 860-870.	1.6	139
8	Flexibility of thought in high creative individuals represented by percolation analysis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 867-872.	7.1	125
9	How semantic memory structure and intelligence contribute to creative thought: a network science approach. <i>Thinking and Reasoning</i> , 2017, 23, 158-183.	3.2	124
10	The Role of the Right Cerebral Hemisphere in Processing Novel Metaphoric Expressions: A Transcranial Magnetic Stimulation Study. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 170-181.	2.3	119
11	Cerebral hemispheric asymmetries in processing lexical metaphors. <i>Neuropsychologia</i> , 1998, 36, 353-362.	1.6	117
12	Semantically convergent and semantically divergent priming in the cerebral hemispheres: lexical decision and semantic judgment. <i>Cognitive Brain Research</i> , 2003, 17, 585-597.	3.0	113
13	Hemispheric differences in processing the literal interpretation of idioms: Converging evidence from behavioral and fMRI studies. <i>Cortex</i> , 2008, 44, 848-860.	2.4	107
14	Right Hemisphere Dysfunction and Metaphor Comprehension in Young Adults with Asperger Syndrome. <i>Journal of Autism and Developmental Disorders</i> , 2010, 40, 800-811.	2.7	98
15	Structure and flexibility: Investigating the relation between the structure of the mental lexicon, fluid intelligence, and creative achievement.. <i>Psychology of Aesthetics, Creativity, and the Arts</i> , 2016, 10, 377-388.	1.3	91
16	When pumpkin is closer to onion than to squash: The structure of the second language lexicon. <i>Cognition</i> , 2016, 156, 60-70.	2.2	86
17	The semantic distance task: Quantifying semantic distance with semantic network path length.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2017, 43, 1470-1489.	0.9	85
18	Global and Local Features of Semantic Networks: Evidence from the Hebrew Mental Lexicon. <i>PLoS ONE</i> , 2011, 6, e23912.	2.5	84

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19	Semantic integration during metaphor comprehension in Asperger syndrome. <i>Brain and Language</i> , 2010, 113, 124-134.	1.6	82
20	Chain free association, creativity, and the default mode network. <i>Neuropsychologia</i> , 2018, 118, 40-58.	1.6	80
21	An fMRI study of processing novel metaphoric sentences. <i>Laterality</i> , 2009, 14, 30-54.	1.0	78
22	Dynamics of hemispheric activity during metaphor comprehension: Electrophysiological measures. <i>NeuroImage</i> , 2007, 36, 222-231.	4.2	70
23	Linguistic processes in the two cerebral hemispheres: Implications for modularity VS interactionism. <i>Journal of Clinical and Experimental Neuropsychology</i> , 1995, 17, 171-192.	1.3	62
24	Constraints on Sentence Priming in the Cerebral Hemispheres: Effects of Intervening Words in Sentences and Lists. <i>Brain and Language</i> , 1998, 63, 219-236.	1.6	62
25	Semantic organization in children with cochlear implants: computational analysis of verbal fluency. <i>Frontiers in Psychology</i> , 2013, 4, 543.	2.1	60
26	Cerebral hemispheric asymmetries in processing lexical metaphors This research was part of the M.A. thesis of the first author at Bar-Ilan University under the supervision of the second author.. <i>Neuropsychologia</i> , 1998, 36, 691-700.	1.6	59
27	Rigidity, chaos and integration: hemispheric interaction and individual differences in metaphor comprehension. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 511.	2.0	58
28	Accepting the mental illness label, perceived control over the illness, and quality of life.. <i>Psychiatric Rehabilitation Journal</i> , 2000, 23, 323-332.	1.1	56
29	Killing a novel metaphor and reviving a dead one: ERP correlates of metaphor conventionalization. <i>Brain and Language</i> , 2012, 123, 137-142.	1.6	54
30	Naming Difficulties in Language-Disabled Children. <i>Journal of Speech, Language, and Hearing Research</i> , 1997, 40, 1026-1036.	1.6	47
31	Priming summation in the cerebral hemispheres: evidence from semantically convergent and semantically divergent primes. <i>Neuropsychologia</i> , 2002, 40, 892-901.	1.6	43
32	Critical tipping point distinguishing two types of transitions in modular network structures. <i>Physical Review E</i> , 2015, 92, 062805.	2.1	43
33	Lexical decision, visual hemifield and angle of orientation. <i>Neuropsychologia</i> , 1997, 35, 487-495.	1.6	42
34	Sentence priming effects in the two cerebral hemispheres: influences of lexical relatedness, word order, and sentence anomaly. <i>Neuropsychologia</i> , 2003, 41, 480-492.	1.6	40
35	Levels of Sentence Constraint and Lexical Decision in the Two Hemispheres. <i>Brain and Language</i> , 1998, 62, 149-162.	1.6	38
36	Analysis of standard and non-standard visual word format in the two hemispheres. <i>Neuropsychologia</i> , 2001, 39, 430-439.	1.6	37

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37	Lexical decision and visual hemifield: An examination of the RT-Accuracy relationship. <i>Neuropsychologia</i> , 1988, 26, 711-725.	1.6	36
38	Naming Difficulties in Children with Dyslexia. <i>Journal of Learning Disabilities</i> , 2003, 36, 203-215.	2.2	35
39	Metaphors and verbal creativity: The role of the right hemisphere. <i>Laterality</i> , 2012, 17, 602-614.	1.0	34
40	The Hyper-Modular Associative Mind: A Computational Analysis of Associative Responses of Persons with Asperger Syndrome. <i>Language and Speech</i> , 2016, 59, 297-317.	1.1	34
41	Bihemispheric sensitivity to sentence anomaly. <i>Neuropsychologia</i> , 2001, 39, 1451-1463.	1.6	29
42	The Repetition Paradigm: Enhancement of novel metaphors and suppression of conventional metaphors in the left inferior parietal lobe. <i>Neuropsychologia</i> , 2012, 50, 2705-2719.	1.6	29
43	Metaphor Comprehension in Low and High Creative Individuals. <i>Frontiers in Psychology</i> , 2018, 9, 482.	2.1	28
44	Script as a Priming Stimulus for Lexical Decisions with Visual Hemifield Stimulation. <i>Brain and Language</i> , 1997, 57, 423-437.	1.6	27
45	Semantic processing in native and second language: Evidence from hemispheric differences in fine and coarse semantic coding. <i>Brain and Language</i> , 2012, 123, 228-233.	1.6	27
46	Spontaneous cognition and its relationship to human creativity: A functional connectivity study involving a chain free association task. <i>NeuroImage</i> , 2020, 220, 117064.	4.2	27
47	Electrophysiological correlates of speech perception mechanisms and individual differences in second language attainment. <i>Psychophysiology</i> , 2011, 48, 1517-1531.	2.4	26
48	Naming difficulties in adolescents with dyslexia: Application of the tip-of-the-tongue paradigm. <i>Brain and Cognition</i> , 2003, 53, 211-217.	1.8	25
49	Dimensions of schizotypy and lexical decision in the two hemispheres. <i>Personality and Individual Differences</i> , 1998, 25, 857-871.	2.9	24
50	Fine-coarse semantic processing in schizophrenia: A reversed pattern of hemispheric dominance. <i>Neuropsychologia</i> , 2014, 56, 119-128.	1.6	23
51	Hemispheric involvement in native and non-native comprehension of conventional metaphors. <i>Journal of Neurolinguistics</i> , 2015, 35, 96-108.	1.1	23
52	Hemispheric asymmetries in semantic processing: Evidence from false memories for ambiguous words. <i>Brain and Language</i> , 2008, 105, 220-228.	1.6	21
53	Poor Performance on Serial Visual Tasks in Persons With Reading Disabilities. <i>Journal of Learning Disabilities</i> , 2008, 41, 437-450.	2.2	21
54	Magnetoencephalographic evidence of early right hemisphere overactivation during metaphor comprehension in schizophrenia. <i>Psychophysiology</i> , 2015, 52, 770-781.	2.4	21

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55	Evidence for Ocular Motor Deficits in Developmental Dyslexia: Application of the Double-Step Paradigm. , 2006, 47, 4401.		20
56	A comparison of care consumer and care provider perspectives on the quality of life of persons with persistent and severe psychiatric disabilities.. Psychiatric Rehabilitation Journal, 2002, 25, 388-397.	1.1	18
57	The effects of multiple script priming on word recognition by the two cerebral hemispheres: Implications for discourse processing. Brain and Language, 2006, 99, 247-257.	1.6	17
58	Native Language Phonological Skills in Lowâ€Proficiency Second Language Learners. Language Learning, 2014, 64, 132-159.	2.7	17
59	Hemispheric asymmetries in discourse processing: Evidence from false memories for lists and texts. Neuropsychologia, 2009, 47, 430-438.	1.6	13
60	Measuring spontaneous processes in creativity research. Current Opinion in Behavioral Sciences, 2019, 27, 64-70.	3.9	13
61	Positively Valenced Stimuli Facilitate Creative Novel Metaphoric Processes by Enhancing Medial Prefrontal Cortical Activation. Frontiers in Psychology, 2013, 4, 211.	2.1	12
62	The representation of aspects of the self in the two cerebral hemispheres. Personality and Individual Differences, 2004, 37, 607-619.	2.9	11
63	The Effects of Metaphoricity and Presentation Style on Brain Activation During Text Comprehension. Metaphor and Symbol, 2010, 25, 19-33.	1.0	11
64	Metaphor Comprehension in Persons with Asperger's Syndrome: Systemized versus Non-Systemized Semantic Processing. Metaphor and Symbol, 2012, 27, 55-69.	1.0	11
65	Effects of Sentential Context on the Processing of Unambiguous Words by the Two Cerebral Hemispheres. Brain and Language, 2002, 80, 438-448.	1.6	8
66	Processing of unconventional stimuli requires the recruitment of the non-specialized hemisphere. Frontiers in Human Neuroscience, 2015, 9, 32.	2.0	7
67	Free Association, Divergent Thinking, and Creativity: Cognitive and Neural Perspectives. , 0, , 261-280.		7
68	The effects of different approaches to reading instruction on letter detection tasks in normally achieving and low achieving readers. Reading and Writing, 2011, 24, 545-566.	1.7	5
69	Big Words, Halved Brains and Small Worlds: Complex Brain Networks of Figurative Language Comprehension. PLoS ONE, 2011, 6, e19345.	2.5	4
70	Sentence and Word Outline Shape as Co-primers for Target Words Presented to the Two Visual Hemifields. Brain and Language, 2000, 73, 50-61.	1.6	3
71	Event Related Potentials (Erp) and Behavioral Measurements to Verbal Stimulation of Visual Fields. Cortex, 2007, 43, 511-523.	2.4	3
72	Tip-of-the-tongue (TOT) states and cross-linguistic transfer. Bilingualism, 2013, 16, 914-923.	1.3	3

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73	Naming Abilities in Low-Proficiency Second Language Learners. <i>Journal of Learning Disabilities</i> , 2014, 47, 237-253.	2.2	3
74	The role of psychological distancing in appreciation of art: Can native versus foreign language context affect responses to abstract and representational paintings?. <i>Acta Psychologica</i> , 2018, 186, 71-80.	1.5	3
75	Evidence from sentence priming for an atypical language organisation in the brain of dyslexic males. <i>Laterality</i> , 2001, 6, 39-56.	1.0	2
76	Exploring the nature of phonological weakness in low-proficiency second language learners. <i>Learning and Individual Differences</i> , 2017, 57, 133-140.	2.7	2
77	Developmental changes in hemispheric processing of ambiguous words during adolescence. <i>Journal of Neurolinguistics</i> , 2018, 47, 50-58.	1.1	2
78	Categorization and affect: Evidence for intra-hemispheric interactions. <i>Brain and Cognition</i> , 2007, 63, 296-303.	1.8	0
79	Linking L2 proficiency and patterns of functional connectivity during L1 word retrieval. <i>Brain and Language</i> , 2021, 216, 104931.	1.6	0
80	Evidence from sentence priming for an atypical language organisation in the brain of dyslexic males. <i>Laterality</i> , 2001, 6, 39-56.	1.0	0