

Julie A Fiez

List of Publications by Year in descending order

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91
papers

9,706
citations

87888

38
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66911

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docs citations

92
times ranked

9263
citing authors

#	ARTICLE	IF	CITATIONS
1	Lateralized and Region-Specific Thalamic Processing of Lexical Status during Reading Aloud. <i>Journal of Neuroscience</i> , 2022, 42, 3228-3240.	3.6	5
2	Numerical estrangement and integration between symbolic and non-symbolic numerical information: Task-dependence and its link to math abilities in adults. <i>Cognition</i> , 2022, 224, 105067.	2.2	0
3	Midazolam and Ketamine Produce Distinct Neural Changes in Memory, Pain, and Fear Networks during Pain. <i>Anesthesiology</i> , 2021, 135, 69-82.	2.5	7
4	Multiple Adjoining Word- and Face-Selective Regions in Ventral Temporal Cortex Exhibit Distinct Dynamics. <i>Journal of Neuroscience</i> , 2021, 41, 6314-6327.	3.6	8
5	Comprehension of Morse Code Predicted by Item Recall From Short-Term Memory. <i>Journal of Speech, Language, and Hearing Research</i> , 2021, 64, 3465-3475.	1.6	1
6	Abstract inference of unchosen option values. <i>European Journal of Neuroscience</i> , 2020, 51, 909-921.	2.6	1
7	Unmasking individual differences in adult reading procedures by disrupting holistic orthographic perception. <i>PLoS ONE</i> , 2020, 15, e0233041.	2.5	3
8	Title is missing!. , 2020, 15, e0233041.		0
9	Title is missing!. , 2020, 15, e0233041.		0
10	Title is missing!. , 2020, 15, e0233041.		0
11	Title is missing!. , 2020, 15, e0233041.		0
12	Title is missing!. , 2020, 15, e0233041.		0
13	Title is missing!. , 2020, 15, e0233041.		0
14	Subthalamic Nucleus and Sensorimotor Cortex Activity During Speech Production. <i>Journal of Neuroscience</i> , 2019, 39, 2698-2708.	3.6	40
15	Memory for non-painful auditory items is influenced by whether they are experienced in a context involving painful electrical stimulation. <i>Experimental Brain Research</i> , 2019, 237, 1615-1627.	1.5	4
16	Word inversion sensitivity as a marker of visual word form area lateralization: An application of a novel multivariate measure of laterality. <i>NeuroImage</i> , 2019, 191, 493-502.	4.2	25
17	Role of the striatum in incidental learning of sound categories. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4671-4680.	7.1	36
18	Chinese-English bilinguals transfer L1 lexical reading procedures and holistic orthographic coding to L2 English. <i>Journal of Neurolinguistics</i> , 2019, 50, 136-148.	1.1	24

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19	Do adults acquire a second orthography using their native reading network?. Journal of Neurolinguistics, 2019, 50, 120-135.	1.1	1
20	The VWFA Is the Home of Orthographic Learning When Houses Are Used as Letters. ENeuro, 2019, 6, ENEURO.0425-17.2019.	1.9	11
21	The integration between nonsymbolic and symbolic numbers: Evidence from an <scp>EEG</scp> study. Brain and Behavior, 2018, 8, e00938.	2.2	11
22	Parcellating the structure and function of the reading circuit. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10542-10544.	7.1	3
23	Manipulating memory efficacy affects the behavioral and neural profiles of deterministic learning and decision-making. Neuropsychologia, 2018, 114, 214-230.	1.6	3
24	Subthalamic Nucleus Neurons Differentially Encode Early and Late Aspects of Speech Production. Journal of Neuroscience, 2018, 38, 5620-5631.	3.6	35
25	Current perspectives on the cerebellum and reading development. Neuroscience and Biobehavioral Reviews, 2018, 92, 55-66.	6.1	56
26	Anterior Fusiform Naming Area: a Patch at the Anterior Tip of the Fusiform Causally Linked to Reading and Language. Journal of Vision, 2018, 18, 1167.	0.3	0
27	The first day is always the hardest: Functional connectivity during cue exposure and the ability to resist smoking in the initial hours of a quit attempt. NeuroImage, 2017, 151, 24-32.	4.2	41
28	Sensorimotor experience and verb-category mapping in human sensory, motor and parietal neurons. Cortex, 2017, 92, 304-319.	2.4	14
29	Consonant Age-of-Acquisition Effects in Nonword Repetition Are Not Articulatory in Nature. Journal of Speech, Language, and Hearing Research, 2017, 60, 3198-3212.	1.6	16
30	Functional connectivity dynamics of the left midfusiform gyrus during single, printed word presentation. Journal of Vision, 2017, 17, 1034.	0.3	0
31	Fusiform Gyrus Laterality in Writing Systems with Different Mapping Principles: An Artificial Orthography Training Study. Journal of Cognitive Neuroscience, 2016, 28, 882-894.	2.3	18
32	The cerebellum and language: Persistent themes and findings. Brain and Language, 2016, 161, 1-3.	1.6	24
33	Neural signatures of experience-based improvements in deterministic decision-making. Behavioural Brain Research, 2016, 315, 51-65.	2.2	5
34	Decoding and disrupting left midfusiform gyrus activity during word reading. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8162-8167.	7.1	101
35	Adaptive plasticity in speech perception: Effects of external information and internal predictions.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 1048-1059.	0.9	15
36	Information processing dynamics in human category-selective fusiform gyrus. Journal of Vision, 2016, 16, 254.	0.3	0

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37	Using mental computation training to improve complex mathematical performance. <i>Instructional Science</i> , 2015, 43, 463-485.	2.0	3
38	Evidence for Cerebellar Contributions to Adaptive Plasticity in Speech Perception. <i>Cerebral Cortex</i> , 2015, 25, 1867-1877.	2.9	40
39	How may the basal ganglia contribute to auditory categorization and speech perception?. <i>Frontiers in Neuroscience</i> , 2014, 8, 230.	2.8	51
40	Speech perception under adverse conditions: insights from behavioral, computational, and neuroscience research. <i>Frontiers in Systems Neuroscience</i> , 2014, 7, 126.	2.5	56
41	Learning to Read an Alphabet of Human Faces Produces Left-lateralized Training Effects in the Fusiform Gyrus. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 896-913.	2.3	32
42	Self-control, negative affect and neural activity during effortful cognition in deprived smokers. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 887-894.	3.0	13
43	Reading faces: Investigating the use of a novel face-based orthography in acquired alexia. <i>Brain and Language</i> , 2014, 129, 7-13.	1.6	9
44	Using artificial orthographies for studying cross-linguistic differences in the cognitive and neural profiles of reading. <i>Journal of Neurolinguistics</i> , 2014, 31, 69-85.	1.1	11
45	Ambivalence about smoking and cue-elicited neural activity in quitting-motivated smokers faced with an opportunity to smoke. <i>Addictive Behaviors</i> , 2013, 38, 1541-1549.	3.0	57
46	Play, attention, and learning: How do play and timing shape the development of attention and influence classroom learning?. <i>Annals of the New York Academy of Sciences</i> , 2013, 1292, 1-20.	3.8	26
47	Neural correlates of self-focused and other-focused strategies for coping with cigarette cue exposure.. <i>Psychology of Addictive Behaviors</i> , 2013, 27, 466-476.	2.1	24
48	Quitting-unmotivated and quitting-motivated cigarette smokers exhibit different patterns of cue-elicited brain activation when anticipating an opportunity to smoke.. <i>Journal of Abnormal Psychology</i> , 2012, 121, 198-211.	1.9	53
49	Mental arithmetic activates analogic representations of internally generated sums. <i>Neuropsychologia</i> , 2012, 50, 2397-2407.	1.6	5
50	Rapid Habituation of Ventral Striatal Response to Reward Receipt in Postpartum Depression. <i>Biological Psychiatry</i> , 2011, 70, 395-399.	1.3	83
51	Evaluating models of working memory through the effects of concurrent irrelevant information.. <i>Journal of Experimental Psychology: General</i> , 2010, 139, 117-137.	2.1	59
52	Functional activation in the cerebellum during working memory and simple speech tasks. <i>Cortex</i> , 2010, 46, 896-906.	2.4	80
53	Assimilation and accommodation patterns in ventral occipitotemporal cortex in learning a second writing system. <i>Human Brain Mapping</i> , 2009, 30, 810-820.	3.6	125
54	Cerebellum and Nonmotor Function. <i>Annual Review of Neuroscience</i> , 2009, 32, 413-434.	10.7	1,469

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55	Impact of Cerebellar Lesions on Reading and Phonological Processing. <i>Annals of the New York Academy of Sciences</i> , 2008, 1145, 260-274.	3.8	37
56	Feedback signals in the caudate reflect goal achievement on a declarative memory task. <i>NeuroImage</i> , 2008, 41, 1154-1167.	4.2	103
57	Effect of smoking opportunity on responses to monetary gain and loss in the caudate nucleus.. <i>Journal of Abnormal Psychology</i> , 2008, 117, 428-434.	1.9	38
58	Selective Retrieval of Abstract Semantic Knowledge in Left Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2007, 27, 3790-3798.	3.6	61
59	Carry-over effects of smoking cue exposure on working memory performance. <i>Nicotine and Tobacco Research</i> , 2007, 9, 613-619.	2.6	25
60	Reading in two writing systems: Accommodation and assimilation of the brain's reading network. <i>Bilingualism</i> , 2007, 10, 131-146.	1.3	157
61	Evidence for neural accommodation to a writing system following learning. <i>Human Brain Mapping</i> , 2007, 28, 1223-1234.	3.6	95
62	Cerebellar contributions to verbal working memory: beyond cognitive theory. <i>Cerebellum</i> , 2007, 6, 193-201.	2.5	103
63	Specific Reading and Phonological Processing Deficits are Associated with Damage to the Left Frontal Operculum. <i>Cortex</i> , 2006, 42, 624-643.	2.4	57
64	Cerebellar damage produces selective deficits in verbal working memory. <i>Brain</i> , 2006, 129, 306-320.	7.6	326
65	Performance Feedback Drives Caudate Activation in a Phonological Learning Task. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 1029-1043.	2.3	198
66	Right parietal contributions to verbal working memory: Spatial or executive?. <i>Neuropsychologia</i> , 2005, 43, 2057-2067.	1.6	51
67	Reduced phonological similarity effects in patients with damage to the cerebellum. <i>Brain and Language</i> , 2005, 95, 304-318.	1.6	61
68	Instructed smoking expectancy modulates cue-elicited neural activity: A preliminary study. <i>Nicotine and Tobacco Research</i> , 2005, 7, 637-645.	2.6	135
69	Prefrontal responses to drug cues: a neurocognitive analysis. <i>Nature Neuroscience</i> , 2004, 7, 211-214.	14.8	369
70	Event-related functional magnetic resonance imaging of reward-related brain circuitry in children and adolescents. <i>Biological Psychiatry</i> , 2004, 55, 359-366.	1.3	179
71	Modulation of Caudate Activity by Action Contingency. <i>Neuron</i> , 2004, 41, 281-292.	8.1	510
72	Functional dissociations within the inferior parietal cortex in verbal working memory. <i>NeuroImage</i> , 2004, 22, 562-573.	4.2	270

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73	A User's Commentary on Fiswidgets. <i>Neuroinformatics</i> , 2003, 1, 127-130.	2.8	0
74	Teaching the /r/â€™/l/ discrimination to Japanese adults: behavioral and neural aspects. <i>Physiology and Behavior</i> , 2002, 77, 657-662.	2.1	97
75	Success and failure in teaching the [r]-[l] contrast to Japanese adults: Tests of a Hebbian model of plasticity and stabilization in spoken language perception. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2002, 2, 89-108.	2.0	218
76	Bridging the Gap Between Neuroimaging and Neuropsychology: Using Working Memory as a Case-Study. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2001, 23, 19-31.	1.3	32
77	Neuroimaging studies of speech. <i>Journal of Communication Disorders</i> , 2001, 34, 445-454.	1.5	19
78	Lesion segmentation and manual warping to a reference brain: Intra- and interobserver reliability. , 2000, 9, 192-211.		129
79	Sound and meaning: how native language affects reading strategies. <i>Nature Neuroscience</i> , 2000, 3, 3-5.	14.8	28
80	Stuttering: a view from neuroimaging. <i>Lancet, The</i> , 2000, 356, 445-446.	13.7	15
81	Effects of Lexicality, Frequency, and Spelling-to-Sound Consistency on the Functional Anatomy of Reading. <i>Neuron</i> , 1999, 24, 205-218.	8.1	347
82	A Comment on the Functional Localization of the Phonological Storage Subsystem of Working Memory. <i>Brain and Cognition</i> , 1999, 41, 27-38.	1.8	173
83	Chapter 5 Understanding failures of learning: Hebbian learning, competition for representational space, and some preliminary experimental data. <i>Progress in Brain Research</i> , 1999, 121, 75-80.	1.4	53
84	Neuroimaging studies of the cerebellum: language, learning and memory. <i>Trends in Cognitive Sciences</i> , 1998, 2, 355-362.	7.8	432
85	Common Blood Flow Changes across Visual Tasks: I. Increases in Subcortical Structures and Cerebellum but Not in Nonvisual Cortex. <i>Journal of Cognitive Neuroscience</i> , 1997, 9, 624-647.	2.3	176
86	Linguistic Processing. <i>International Review of Neurobiology</i> , 1997, 41, 233-254.	2.0	67
87	Searching for activations that generalize over tasks. , 1997, 5, 317-322.		68
88	Cerebellar Contributions to Cognition. <i>Neuron</i> , 1996, 16, 13-15.	8.1	245
89	Practice-related Changes in Human Brain Functional Anatomy during Nonmotor Learning. <i>Cerebral Cortex</i> , 1994, 4, 8-26.	2.9	1,473
90	Neuroimaging. <i>Current Opinion in Neurobiology</i> , 1992, 2, 217-222.	4.2	12

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91	IMPAIRED NON-MOTOR LEARNING AND ERROR DETECTION ASSOCIATED WITH CEREBELLAR DAMAGE. <i>Brain</i> , 1992, 115, 155-178.	7.6	643