

Julie A Fiez

List of Publications by Year in descending order

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91
papers

9,706
citations

87888

38
h-index

66911

78
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92
all docs

92
docs citations

92
times ranked

9263
citing authors

#	ARTICLE	IF	CITATIONS
1	Practice-related Changes in Human Brain Functional Anatomy during Nonmotor Learning. <i>Cerebral Cortex</i> , 1994, 4, 8-26.	2.9	1,473
2	Cerebellum and Nonmotor Function. <i>Annual Review of Neuroscience</i> , 2009, 32, 413-434.	10.7	1,469
3	IMPAIRED NON-MOTOR LEARNING AND ERROR DETECTION ASSOCIATED WITH CEREBELLAR DAMAGE. <i>Brain</i> , 1992, 115, 155-178.	7.6	643
4	Modulation of Caudate Activity by Action Contingency. <i>Neuron</i> , 2004, 41, 281-292.	8.1	510
5	Neuroimaging studies of the cerebellum: language, learning and memory. <i>Trends in Cognitive Sciences</i> , 1998, 2, 355-362.	7.8	432
6	Prefrontal responses to drug cues: a neurocognitive analysis. <i>Nature Neuroscience</i> , 2004, 7, 211-214.	14.8	369
7	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
8	Cerebellar damage produces selective deficits in verbal working memory. <i>Brain</i> , 2006, 129, 306-320.	7.6	326
9	Functional dissociations within the inferior parietal cortex in verbal working memory. <i>NeuroImage</i> , 2004, 22, 562-573.	4.2	270
10	Cerebellar Contributions to Cognition. <i>Neuron</i> , 1996, 16, 13-15.	8.1	245
11	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
12	Performance Feedback Drives Caudate Activation in a Phonological Learning Task. <i>Journal of Cognitive Neuroscience</i> , 2006, 18, 1029-1043.	2.3	198
13	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
14	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
15	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
16	Reading in two writing systems: Accommodation and assimilation of the brain's reading network. <i>Bilingualism</i> , 2007, 10, 131-146.	1.3	157
17	Instructed smoking expectancy modulates cue-elicited neural activity: A preliminary study. <i>Nicotine and Tobacco Research</i> , 2005, 7, 637-645.	2.6	135
18	Lesion segmentation and manual warping to a reference brain: Intra- and interobserver reliability. , 2000, 9, 192-211.		129

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19	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
20	Cerebellar contributions to verbal working memory: beyond cognitive theory. <i>Cerebellum</i> , 2007, 6, 193-201.	2.5	103
21	Feedback signals in the caudate reflect goal achievement on a declarative memory task. <i>NeuroImage</i> , 2008, 41, 1154-1167.	4.2	103
22	Decoding and disrupting left midfusiform gyrus activity during word reading. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 8162-8167.	7.1	101
23	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
24	Evidence for neural accommodation to a writing system following learning. <i>Human Brain Mapping</i> , 2007, 28, 1223-1234.	3.6	95
25	Rapid Habituation of Ventral Striatal Response to Reward Receipt in Postpartum Depression. <i>Biological Psychiatry</i> , 2011, 70, 395-399.	1.3	83
26	Functional activation in the cerebellum during working memory and simple speech tasks. <i>Cortex</i> , 2010, 46, 896-906.	2.4	80
27	Searching for activations that generalize over tasks. , 1997, 5, 317-322.		68
28	Linguistic Processing. <i>International Review of Neurobiology</i> , 1997, 41, 233-254.	2.0	67
29	Reduced phonological similarity effects in patients with damage to the cerebellum. <i>Brain and Language</i> , 2005, 95, 304-318.	1.6	61
30	Selective Retrieval of Abstract Semantic Knowledge in Left Prefrontal Cortex. <i>Journal of Neuroscience</i> , 2007, 27, 3790-3798.	3.6	61
31	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
32	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
33	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
34	Speech perception under adverse conditions: insights from behavioral, computational, and neuroscience research. <i>Frontiers in Systems Neuroscience</i> , 2014, 7, 126.	2.5	56
35	Current perspectives on the cerebellum and reading development. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 92, 55-66.	6.1	56
36	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

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37	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
38	Right parietal contributions to verbal working memory: Spatial or executive?. <i>Neuropsychologia</i> , 2005, 43, 2057-2067.	1.6	51
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	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. <i>NeuroImage</i> , 2017, 151, 24-32.	4.2	41
41	Evidence for Cerebellar Contributions to Adaptive Plasticity in Speech Perception. <i>Cerebral Cortex</i> , 2015, 25, 1867-1877.	2.9	40
42	Subthalamic Nucleus and Sensorimotor Cortex Activity During Speech Production. <i>Journal of Neuroscience</i> , 2019, 39, 2698-2708.	3.6	40
43	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
44	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
45	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
46	Subthalamic Nucleus Neurons Differentially Encode Early and Late Aspects of Speech Production. <i>Journal of Neuroscience</i> , 2018, 38, 5620-5631.	3.6	35
47	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
48	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
49	Sound and meaning: how native language affects reading strategies. <i>Nature Neuroscience</i> , 2000, 3, 3-5.	14.8	28
50	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
51	Carry-over effects of smoking cue exposure on working memory performance. <i>Nicotine and Tobacco Research</i> , 2007, 9, 613-619.	2.6	25
52	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
53	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
54	The cerebellum and language: Persistent themes and findings. <i>Brain and Language</i> , 2016, 161, 1-3.	1.6	24

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55	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
56	Neuroimaging studies of speech. <i>Journal of Communication Disorders</i> , 2001, 34, 445-454.	1.5	19
57	Fusiform Gyrus Laterality in Writing Systems with Different Mapping Principles: An Artificial Orthography Training Study. <i>Journal of Cognitive Neuroscience</i> , 2016, 28, 882-894.	2.3	18
58	Consonant Age-of-Acquisition Effects in Nonword Repetition Are Not Articulatory in Nature. <i>Journal of Speech, Language, and Hearing Research</i> , 2017, 60, 3198-3212.	1.6	16
59	Stuttering: a view from neuroimaging. <i>Lancet, The</i> , 2000, 356, 445-446.	13.7	15
60	Adaptive plasticity in speech perception: Effects of external information and internal predictions.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2016, 42, 1048-1059.	0.9	15
61	Sensorimotor experience and verb-category mapping in human sensory, motor and parietal neurons. <i>Cortex</i> , 2017, 92, 304-319.	2.4	14
62	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
63	Neuroimaging. <i>Current Opinion in Neurobiology</i> , 1992, 2, 217-222.	4.2	12
64	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
65	The integration between nonsymbolic and symbolic numbers: Evidence from an <sc>EEG</sc> study. <i>Brain and Behavior</i> , 2018, 8, e00938.	2.2	11
66	The VWFA Is the Home of Orthographic Learning When Houses Are Used as Letters. <i>ENeuro</i> , 2019, 6, ENEURO.0425-17.2019.	1.9	11
67	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
68	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
69	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
70	Mental arithmetic activates analogic representations of internally generated sums. <i>Neuropsychologia</i> , 2012, 50, 2397-2407.	1.6	5
71	Neural signatures of experience-based improvements in deterministic decision-making. <i>Behavioural Brain Research</i> , 2016, 315, 51-65.	2.2	5
72	Lateralized and Region-Specific Thalamic Processing of Lexical Status during Reading Aloud. <i>Journal of Neuroscience</i> , 2022, 42, 3228-3240.	3.6	5

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73	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
74	Using mental computation training to improve complex mathematical performance. <i>Instructional Science</i> , 2015, 43, 463-485.	2.0	3
75	Parcellating the structure and function of the reading circuit. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10542-10544.	7.1	3
76	Manipulating memory efficacy affects the behavioral and neural profiles of deterministic learning and decision-making. <i>Neuropsychologia</i> , 2018, 114, 214-230.	1.6	3
77	Unmasking individual differences in adult reading procedures by disrupting holistic orthographic perception. <i>PLoS ONE</i> , 2020, 15, e0233041.	2.5	3
78	Do adults acquire a second orthography using their native reading network?. <i>Journal of Neurolinguistics</i> , 2019, 50, 120-135.	1.1	1
79	Abstract inference of unchosen option values. <i>European Journal of Neuroscience</i> , 2020, 51, 909-921.	2.6	1
80	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
81	A User's Commentary on Fiswidgets. <i>Neuroinformatics</i> , 2003, 1, 127-130.	2.8	0
82	Information processing dynamics in human category-selective fusiform gyrus. <i>Journal of Vision</i> , 2016, 16, 254.	0.3	0
83	Functional connectivity dynamics of the left midfusiform gyrus during single, printed word presentation. <i>Journal of Vision</i> , 2017, 17, 1034.	0.3	0
84	Anterior Fusiform Naming Area: a Patch at the Anterior Tip of the Fusiform Causally Linked to Reading and Language. <i>Journal of Vision</i> , 2018, 18, 1167.	0.3	0
85	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
86	Title is missing!. , 2020, 15, e0233041.		0
87	Title is missing!. , 2020, 15, e0233041.		0
88	Title is missing!. , 2020, 15, e0233041.		0
89	Title is missing!. , 2020, 15, e0233041.		0
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91	Title is missing!. , 2020, 15, e0233041.		0