

Sharlene D Newman

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

2,859
citations

257357

24
h-index

189801

50
g-index

103
all docs

103
docs citations

103
times ranked

3847
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial training using game play in preschoolers improves computational skills. <i>Mathematical Thinking and Learning</i> , 2023, 25, 252-258.	0.7	1
2	ADHD May Associate With Reduced Tolerance to Acute Subconcussive Head Impacts: A Pilot Case-Control Intervention Study. <i>Journal of Attention Disorders</i> , 2022, 26, 125-139.	1.5	9
3	Association Between Hormonal Birth Control, Substance Use, and Depression. <i>Frontiers in Psychiatry</i> , 2022, 13, 772412.	1.3	1
4	The relationship between cannabis use and taurine: A MRS and metabolomics study. <i>PLoS ONE</i> , 2022, 17, e0269280.	1.1	1
5	The sensitivity of diffusion MRI to microstructural properties and experimental factors. <i>Journal of Neuroscience Methods</i> , 2021, 347, 108951.	1.3	53
6	Both activation and deactivation of functional networks support increased sentence processing costs. <i>NeuroImage</i> , 2021, 225, 117475.	2.1	8
7	Neural signatures of inhibitory control in intra-sentential code-switching: Evidence from fMRI. <i>Journal of Neurolinguistics</i> , 2021, 57, 100938.	0.5	14
8	An investigation of glutamate quantification with PRESS and MEGA-PRESS. <i>NMR in Biomedicine</i> , 2021, 34, e4453.	1.6	12
9	Structured versus free block play: the impact on arithmetic processing. <i>Trends in Neuroscience and Education</i> , 2021, 22, 100146.	1.5	1
10	Cerebellar Activation Deficits in Schizophrenia During an Eyeblink Conditioning Task. <i>Schizophrenia Bulletin Open</i> , 2021, 2, sgab040.	0.9	4
11	Collegiate athlete brain data for white matter mapping and network neuroscience. <i>Scientific Data</i> , 2021, 8, 56.	2.4	4
12	Embracing diversity and inclusivity in an academic setting: Insights from the Organization for Human Brain Mapping. <i>NeuroImage</i> , 2021, 229, 117742.	2.1	25
13	Altered cerebellar-cortical resting-state functional connectivity in cannabis users. <i>Journal of Psychopharmacology</i> , 2021, 35, 823-832.	2.0	9
14	Anterior cingulate cortex metabolites and white matter microstructure: a multimodal study of emergent alcohol use disorder. <i>Brain Imaging and Behavior</i> , 2021, 15, 2436-2444.	1.1	4
15	Differential Cognitive Performance in Females and Males with Regular Cannabis Use. <i>Journal of the International Neuropsychological Society</i> , 2021, 27, 570-580.	1.2	6
16	Effects of concurrent action and object naming treatment on naming skills and functional brain activation patterns in primary progressive aphasia: An fMRI study with a case-series design. <i>Brain and Language</i> , 2021, 218, 104950.	0.8	6
17	A Mixed-Effects Model of Associations between Interleukin-6 and Hippocampal Volume. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, , .	1.7	0
18	Analyzing Complex Problem Solving by Dynamic Brain Networks. <i>Frontiers in Neuroinformatics</i> , 2021, 15, 670052.	1.3	2

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19	Association between History of Concussion and Substance Use Is Mediated by Mood Disorders. <i>Journal of Neurotrauma</i> , 2020, 37, 146-151.	1.7	8
20	An investigation of the relationship between glutamate and resting state connectivity in chronic cannabis users. <i>Brain Imaging and Behavior</i> , 2020, 14, 2062-2071.	1.1	12
21	Sparse representation of DWI images for fully automated brain tissue segmentation. <i>Journal of Neuroscience Methods</i> , 2020, 343, 108828.	1.3	7
22	Does Chronic Cannabis Use Impact Risky Decision-Making: An Examination of fMRI Activation and Effective Connectivity?. <i>Frontiers in Psychiatry</i> , 2020, 11, 599256.	1.3	9
23	Association Between Proteomic Blood Biomarkers and DTI/NODDI Metrics in Adolescent Football Players: A Pilot Study. <i>Frontiers in Neurology</i> , 2020, 11, 581781.	1.1	11
24	Segmentation of the brain using direction-averaged signal of DWI images. <i>Magnetic Resonance Imaging</i> , 2020, 69, 1-7.	1.0	17
25	Editorial: Towards an Understanding of the Relationship Between Spatial Processing Ability and Numerical and Mathematical Cognition. <i>Frontiers in Psychology</i> , 2020, 11, 14.	1.1	2
26	Cerebellar cortical dysconnectivity in resting state associated with sensorimotor tasks in schizophrenia. <i>Human Brain Mapping</i> , 2020, 41, 3119-3132.	1.9	28
27	Neural Correlates of Verb Fluency Performance in Cognitively Healthy Older Adults and Individuals With Dementia: A Pilot fMRI Study. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 73.	1.7	20
28	Cognitive Linguistic Functions in Adults With Epilepsy: Preliminary Electrophysiological and Behavioral Findings. <i>Journal of Speech, Language, and Hearing Research</i> , 2020, 63, 2403-2417.	0.7	3
29	Impaired Effective Connectivity During a Cerebellar-Mediated Sensorimotor Synchronization Task in Schizophrenia. <i>Schizophrenia Bulletin</i> , 2019, 45, 531-541.	2.3	23
30	L2 speech perception in noise: An fMRI study of advanced Spanish learners. <i>Brain Research</i> , 2019, 1720, 146316.	1.1	6
31	Gray Matter Correlates of Finger Gnosis in Children: A VBM Study. <i>Neuroscience</i> , 2019, 404, 82-90.	1.1	1
32	Test-retest reliability in an fMRI study of naming in dementia. <i>Brain and Language</i> , 2019, 191, 31-45.	0.8	15
33	Alterations in White Matter Microstructure and Connectivity in Young Adults with Alcohol Use Disorder. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 1170-1179.	1.4	22
34	When embeddedness matters: Electrophysiological evidence for the role of head noun position in Chinese relative clause processing. <i>Journal of Neurolinguistics</i> , 2019, 51, 236-257.	0.5	8
35	Modeling and Decoding Complex Problem Solving Process by Artificial Neural Networks. , 2019, , .		0
36	Aberrant structural-functional coupling in adult cannabis users. <i>Human Brain Mapping</i> , 2019, 40, 252-261.	1.9	24

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37	Game Mechanics Matter: Differences in Video Game Conditions Influence Memory Performance. <i>Communication Research Reports</i> , 2018, 35, 222-231.	1.0	6
38	The impact of inverted text on visual word processing: An fMRI study. <i>Brain and Cognition</i> , 2018, 123, 1-9.	0.8	6
39	Effects of Alcohol Cues on MRS Glutamate Levels in the Anterior Cingulate. <i>Alcohol and Alcoholism</i> , 2018, 53, 209-215.	0.9	25
40	Comparing fMRI activation during smooth pursuit eye movements among contact sport athletes, non-contact sport athletes, and non-athletes. <i>NeuroImage: Clinical</i> , 2018, 18, 413-424.	1.4	17
41	Neural substrates of sign language vocabulary processing in less-skilled hearing M2L2 signers: Evidence for difficult phonological movement perception. <i>Bilingualism</i> , 2018, 21, 550-562.	1.0	3
42	Disturbances of postural sway components in cannabis users. <i>Drug and Alcohol Dependence</i> , 2018, 190, 54-61.	1.6	17
43	Neural signatures of inhibitory control in bilingual spoken production. <i>Cortex</i> , 2018, 108, 50-66.	1.1	20
44	Decoding cognitive subtasks of complex problem solving using fMRI signals. , 2018, , .		6
45	A dynamic network representation of fMRI for modeling and analyzing the problem solving task. , 2018, , .		5
46	You can count on your fingers: The role of fingers in early mathematical development. <i>Journal of Numerical Cognition</i> , 2018, 4, 107-135.	0.6	49
47	Spoken Language Activation Alters Subsequent Sign Language Activation in L2 Learners of American Sign Language. <i>Journal of Psycholinguistic Research</i> , 2017, 46, 211-225.	0.7	4
48	THE BENEFICIAL ROLE OF L1 SPOKEN LANGUAGE SKILLS ON INITIAL L2 SIGN LANGUAGE LEARNING. <i>Studies in Second Language Acquisition</i> , 2017, 39, 833-850.	1.8	8
49	Changes in White-Matter Connectivity in Late Second Language Learners: Evidence from Diffusion Tensor Imaging. <i>Frontiers in Psychology</i> , 2017, 8, 2040.	1.1	52
50	Pseudo-Bootstrap Network Analysisâ€”an Application in Functional Connectivity Fingerprinting. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 351.	1.0	3
51	The differential relationship between finger gnosis, and addition and subtraction: An fMRI study. <i>Journal of Numerical Cognition</i> , 2017, 3, 694-715.	0.6	13
52	Connections between Fingerspelling and Print: The Impact of Working Memory and Temporal Dynamics on Lexical Activation. <i>Sign Language Studies</i> , 2016, 16, 157-183.	0.1	3
53	An fMRI Study of the Impact of Block Building and Board Games on Spatial Ability. <i>Frontiers in Psychology</i> , 2016, 7, 1278.	1.1	35
54	Interlanguage dynamics and lexical networks in nonnative L2 signers of ASL: cross-modal rhyme priming. <i>Bilingualism</i> , 2016, 19, 453-470.	1.0	8

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55	Does finger sense predict addition performance?. Cognitive Processing, 2016, 17, 139-146.	0.7	32
56	Phonological substitution errors in L2 ASL sentence processing by hearing M2L2 learners. Second Language Research, 2016, 32, 347-366.	1.2	23
57	Modality-specific processing precedes amodal linguistic processing during L2 sign language acquisition: A longitudinal study. Cortex, 2016, 75, 56-67.	1.1	20
58	Bimodal bilingualism as multisensory training?: Evidence for improved audiovisual speech perception after sign language exposure. Brain Research, 2016, 1633, 101-110.	1.1	6
59	Impacts of Visual Sonority and Handshape Markedness on Second Language Learning of American Sign Language. Journal of Deaf Studies and Deaf Education, 2016, 21, 171-186.	0.7	20
60	Anatomically ordered tapping interferes more with one-digit addition than two-digit addition: a dual-task fMRI study. Cognitive Processing, 2016, 17, 67-77.	0.7	28
61	Differences in cognitive ability and apparent sex differences in corpus callosum size. Psychological Research, 2016, 80, 853-859.	1.0	9
62	Dyslexia and configural perception of character sequences. Frontiers in Psychology, 2015, 6, 482.	1.1	5
63	Modality-independent neural mechanisms for novel phonetic processing. Brain Research, 2015, 1620, 107-115.	1.1	13
64	White matter abnormalities of microstructure and physiological noise in schizophrenia. Brain Imaging and Behavior, 2015, 9, 868-877.	1.1	12
65	Neural bases of event knowledge and syntax integration in comprehension of complex sentences. Neurocase, 2015, 21, 753-766.	0.2	7
66	Neural bases of syntax-semantics interface processing. Cognitive Neurodynamics, 2015, 9, 317-329.	2.3	12
67	Nodal centrality of functional network in the differentiation of schizophrenia. Schizophrenia Research, 2015, 168, 345-352.	1.1	57
68	Disrupted Modular Architecture of Cerebellum in Schizophrenia: A Graph Theoretic Analysis. Schizophrenia Bulletin, 2014, 40, 1216-1226.	2.3	67
69	The impact of finger counting habits on arithmetic in adults and children. Psychological Research, 2014, 78, 549-556.	1.0	24
70	Does degree of handedness in a group of right-handed individuals affect language comprehension?. Brain and Cognition, 2014, 86, 98-103.	0.8	18
71	The neural bases of argument structure processing revealed by primed lexical decision. Cortex, 2014, 57, 198-211.	1.1	5
72	The Effect of Individual Differences in Working Memory Capacity on Sentence Comprehension: An fMRI Study. Brain Topography, 2013, 26, 458-467.	0.8	32

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73	A magnetic resonance imaging-safe method for the study of human eyeblink conditioning. <i>Journal of Neuroscience Methods</i> , 2013, 216, 16-21.	1.3	2
74	When syntactic errors go unnoticed: an fMRI study of the effect of semantics on syntax. <i>Ilha Do Desterro</i> , 2012, .	0.0	2
75	The homophone effect during visual word recognition in children: an fMRI study. <i>Psychological Research</i> , 2012, 76, 280-291.	1.0	6
76	The effect of problem structure on problem-solving: An fMRI study of word versus number problems. <i>Brain Research</i> , 2011, 1410, 77-88.	1.1	24
77	Structural Network Topology Revealed by White Matter Tractography in Cannabis Users: A Graph Theoretical Analysis. <i>Brain Connectivity</i> , 2011, 1, 473-483.	0.8	32
78	The effect of presentation paradigm on syntactic processing: An event-related fMRI study. <i>Human Brain Mapping</i> , 2010, 31, 65-79.	1.9	23
79	The effect of semantic relatedness on syntactic analysis: An fMRI study. <i>Brain and Language</i> , 2010, 113, 51-58.	0.8	75
80	The effect of lexical priming on sentence comprehension: An fMRI study. <i>Brain Research</i> , 2009, 1285, 99-108.	1.1	7
81	An fMRI study of the Tower of London: A look at problem structure differences. <i>Brain Research</i> , 2009, 1286, 123-132.	1.1	51
82	Offline sentence processing: What is involved in answering a comprehension probe?. <i>Human Brain Mapping</i> , 2009, 30, 2499-2511.	1.9	25
83	Cerebellum volume and eyeblink conditioning in schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2008, 162, 185-194.	0.9	37
84	Comprehending the topic of a paragraph: a functional imaging study of a complex language process. <i>DELTA Documentacao De Estudos Em Linguistica Teorica E Aplicada</i> , 2008, 24, 175-197.	0.0	3
85	The Tower of London: A study of the effect of problem structure on planning. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2007, 29, 333-342.	0.8	29
86	Volitional control of attention and brain activation in dual task performance. <i>Human Brain Mapping</i> , 2007, 28, 109-117.	1.9	45
87	The Timecourse of Activation Within the Cortical Network Associated with Visual Imagery. <i>Open Neuroimaging Journal</i> , 2007, 1, 1-9.	0.2	4
88	The Timecourse of Activation Within the Cortical Network Associated with Visual Imagery. <i>Open Neuroimaging Journal</i> , 2007, 1, 1-9.	0.2	0
89	Imagining material versus geometric properties of objects: an fMRI study. <i>Cognitive Brain Research</i> , 2005, 23, 235-246.	3.3	98
90	Learning to Decode Cognitive States from Brain Images. <i>Machine Learning</i> , 2004, 57, 145-175.	3.4	535

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91	Imagery in sentence comprehension: an fMRI study. <i>NeuroImage</i> , 2004, 21, 112-124.	2.1	112
92	Differential effects of syntactic and semantic processing on the subregions of Broca's area. <i>Cognitive Brain Research</i> , 2003, 16, 297-307.	3.3	163
93	Frontal and parietal participation in problem solving in the Tower of London: fMRI and computational modeling of planning and high-level perception. <i>Neuropsychologia</i> , 2003, 41, 1668-1682.	0.7	314
94	The Synchronization of the Human Cortical Working Memory Network. <i>NeuroImage</i> , 2002, 15, 810-822.	2.1	51
95	Differences in auditory processing of words and pseudowords: An fMRI study. <i>Human Brain Mapping</i> , 2001, 14, 39-47.	1.9	93
96	Baseline conditions and subtractive logic in neuroimaging. <i>Human Brain Mapping</i> , 2001, 14, 228-235.	1.9	72