

Darren R Gitelman

List of Publications by Year in descending order

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Version: 2024-02-01

111
papers

14,896
citations

19657

61
h-index

24258

110
g-index

118
all docs

118
docs citations

118
times ranked

13897
citing authors

#	ARTICLE	IF	CITATIONS
1	Cognitive Impairment in Aging Physicians. <i>Neurology: Clinical Practice</i> , 2021, 11, 167-174.	1.6	7
2	Neural Connectivity in Syntactic Movement Processing. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 27.	2.0	15
3	Reduced prefrontal activation during working and long-term memory tasks and impaired patient-reported cognition among cancer survivors postchemotherapy compared with healthy controls. <i>Cancer</i> , 2016, 122, 258-268.	4.1	28
4	Neuropathology of Autosomal Dominant Alzheimer Disease in the National Alzheimer Coordinating Center Database. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 284-290.	1.7	71
5	Default Mode Network: Potential Biomarker for Mild Cognitive Impairment in Parkinson's Disease. <i>Archives of Physical Medicine and Rehabilitation</i> , 2015, 96, e91-e92.	0.9	1
6	Diffusion imaging of nigral alterations in early Parkinson's disease with dopaminergic deficits. <i>Movement Disorders</i> , 2015, 30, 1885-1892.	3.9	52
7	Effects of acute levodopa challenge on resting cerebral blood flow in Parkinson's Disease patients assessed using pseudo-continuous arterial spin labeling. <i>PeerJ</i> , 2015, 3, e1381.	2.0	23
8	Childhood-onset lupus with clinical neurocognitive dysfunction shows lower streamline density and pairwise connectivity on diffusion tensor imaging. <i>Lupus</i> , 2015, 24, 1081-1086.	1.6	16
9	Basolateral Amygdala Response to Food Cues in the Absence of Hunger Is Associated with Weight Gain Susceptibility. <i>Journal of Neuroscience</i> , 2015, 35, 7964-7976.	3.6	124
10	Olfactory-visual integration facilitates perception of subthreshold negative emotion. <i>Neuropsychologia</i> , 2015, 77, 288-297.	1.6	29
11	Improving clinical cognitive testing. <i>Neurology</i> , 2015, 85, 910-918.	1.1	36
12	Adult polyglucosan body disease with <i>GBE1</i> haploinsufficiency and concomitant frontotemporal lobar degeneration. <i>Neuropathology and Applied Neurobiology</i> , 2014, 40, 778-782.	3.2	7
13	Functional neuronal network activity differs with cognitive dysfunction in childhood-onset systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2013, 15, R40.	3.5	25
14	Brain Morphometric Changes Associated With Childhood-Onset Systemic Lupus Erythematosus and Neurocognitive Deficit. <i>Arthritis and Rheumatism</i> , 2013, 65, 2190-2200.	6.7	25
15	Clinical Reasoning: A woman with rapidly progressive apraxia. <i>Neurology</i> , 2013, 80, e162-5.	1.1	1
16	When the Sense of Smell Meets Emotion: Anxiety-State-Dependent Olfactory Processing and Neural Circuitry Adaptation. <i>Journal of Neuroscience</i> , 2013, 33, 15324-15332.	3.6	145
17	Pearls & Oysters: Functional MRI. <i>Neurology</i> , 2012, 78, e68-71.	1.1	1
18	Imaging studies as biomarkers of Parkinson's disease. <i>Imaging in Medicine</i> , 2012, 4, 263-266.	0.0	0

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19	An fMRI Study of the Interactions Between the Attention and the Gustatory Networks. <i>Chemosensory Perception</i> , 2012, 5, 117-127.	1.2	18
20	The Anterior Insular Cortex Represents Breaches of Taste Identity Expectation. <i>Journal of Neuroscience</i> , 2011, 31, 14735-14744.	3.6	68
21	A recommended scale for cognitive screening in clinical trials of Parkinson's disease. <i>Movement Disorders</i> , 2010, 25, 2501-2507.	3.9	155
22	The insular taste cortex contributes to odor quality coding. <i>Frontiers in Human Neuroscience</i> , 2010, 4, .	2.0	38
23	Pilot Trial of Memantine in Primary Progressive Aphasia. <i>Alzheimer Disease and Associated Disorders</i> , 2010, 24, 308.	1.3	32
24	EEG Measures Index Neural and Cognitive Recovery from Sleep Deprivation. <i>Journal of Neuroscience</i> , 2010, 30, 2686-2693.	3.6	33
25	Identification of critical areas for motor function recovery in chronic stroke subjects using voxel-based lesion symptom mapping. <i>NeuroImage</i> , 2010, 49, 9-18.	4.2	79
26	Neural correlates of evaluative compared with passive tasting. <i>European Journal of Neuroscience</i> , 2009, 30, 327-338.	2.6	77
27	Sleep deprivation alters functioning within the neural network underlying the covert orienting of attention. <i>Brain Research</i> , 2008, 1217, 148-156.	2.2	46
28	Modulation of the spatial attention network by incentives in healthy aging and mild cognitive impairment. <i>Neuropsychologia</i> , 2008, 46, 2943-2948.	1.6	24
29	Attention to Odor Modulates Thalamocortical Connectivity in the Human Brain. <i>Journal of Neuroscience</i> , 2008, 28, 5257-5267.	3.6	218
30	The Spatial Attention Network Interacts with Limbic and Monoaminergic Systems to Modulate Motivation-Induced Attention Shifts. <i>Cerebral Cortex</i> , 2008, 18, 2604-2613.	2.9	232
31	Altered Effective Connectivity within the Language Network in Primary Progressive Aphasia. <i>Journal of Neuroscience</i> , 2007, 27, 1334-1345.	3.6	129
32	Anatomical Physiology of Spatial Extinction. <i>Cerebral Cortex</i> , 2007, 17, 2892-2898.	2.9	47
33	Neural correlates of sexual arousal in homosexual and heterosexual men.. <i>Behavioral Neuroscience</i> , 2007, 121, 237-248.	1.2	104
34	Developmental changes in activation and effective connectivity in phonological processing. <i>NeuroImage</i> , 2007, 38, 564-575.	4.2	99
35	Neural Correlates of Verb Argument Structure Processing. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 1753-1767.	2.3	167
36	Weaker top-down modulation from the left inferior frontal gyrus in children. <i>NeuroImage</i> , 2006, 33, 991-998.	4.2	89

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37	Orienting Attention Based on Long-Term Memory Experience. <i>Neuron</i> , 2006, 49, 905-916.	8.1	225
38	Vasectomy in Men With Primary Progressive Aphasia. <i>Cognitive and Behavioral Neurology</i> , 2006, 19, 190-193.	0.9	31
39	Neural Correlates of Rule-Based and Information-Integration Visual Category Learning. <i>Cerebral Cortex</i> , 2006, 17, 37-43.	2.9	187
40	Taste and olfactory intensity perception changes following left insular stroke.. <i>Behavioral Neuroscience</i> , 2005, 119, 1693-1700.	1.2	93
41	Larger deficits in brain networks for response inhibition than for visual selective attention in attention deficit hyperactivity disorder (ADHD). <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2005, 46, 94-111.	5.2	280
42	Primary progressive aphasia: Reversed asymmetry of atrophy and right hemisphere language dominance. <i>Neurology</i> , 2005, 64, 556-557.	1.1	32
43	Priming Effects in the Fusiform Gyrus: Changes in Neural Activity beyond the Second Presentation. <i>Cerebral Cortex</i> , 2005, 15, 787-795.	2.9	24
44	Monetary Incentives Enhance Processing in Brain Regions Mediating Top-down Control of Attention. <i>Cerebral Cortex</i> , 2005, 15, 1855-1865.	2.9	228
45	Shifts of Effective Connectivity within a Language Network during Rhyming and Spelling. <i>Journal of Neuroscience</i> , 2005, 25, 5397-5403.	3.6	158
46	Simultaneous Assessment of Motor and Language Areas with a Single Functional MR Imaging Paradigm: Feasibility. <i>Radiology</i> , 2005, 236, 655-660.	7.3	1
47	The "Zoom Lens" of Focal Attention in Visual Search: Changes in Aging and Alzheimer's Disease. <i>Cortex</i> , 2005, 41, 512-519.	2.4	44
48	Language network specializations: An analysis with parallel task designs and functional magnetic resonance imaging. <i>NeuroImage</i> , 2005, 26, 975-985.	4.2	154
49	A Heteromodal Large-Scale Network for Spatial Attention. , 2005, , 29-34.		7
50	Experience-Dependent Neural Integration of Taste and Smell in the Human Brain. <i>Journal of Neurophysiology</i> , 2004, 92, 1892-1903.	1.8	334
51	Chronic Back Pain Is Associated with Decreased Prefrontal and Thalamic Gray Matter Density. <i>Journal of Neuroscience</i> , 2004, 24, 10410-10415.	3.6	1,223
52	Neural Evidence That Vivid Imagining Can Lead to False Remembering. <i>Psychological Science</i> , 2004, 15, 655-660.	3.3	130
53	Neural correlates of word class processing: An fMRI study. <i>Brain and Language</i> , 2004, 91, 15-16.	1.6	3
54	Brain-behavior correlation in children depends on the neurocognitive network. <i>Human Brain Mapping</i> , 2004, 23, 99-108.	3.6	23

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55	Development of Brain Mechanisms for Processing Orthographic and Phonologic Representations. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 1234-1249.	2.3	215
56	Brain networks for analyzing eye gaze. <i>Cognitive Brain Research</i> , 2003, 17, 406-418.	3.0	195
57	Cerebral hemispheric specialization for spatial attention: spatial distribution of search-related eye fixations in the absence of neglect. <i>Neuropsychologia</i> , 2003, 41, 1396-1409.	1.6	50
58	Relation between brain activation and lexical performance. <i>Human Brain Mapping</i> , 2003, 19, 155-169.	3.6	134
59	Primary progressive aphasia: PPA and the language network. <i>Annals of Neurology</i> , 2003, 53, 35-49.	5.3	134
60	The posterior cingulate and medial prefrontal cortex mediate the anticipatory allocation of spatial attention. <i>NeuroImage</i> , 2003, 18, 633-641.	4.2	291
61	Modeling regional and psychophysiologic interactions in fMRI: the importance of hemodynamic deconvolution. <i>NeuroImage</i> , 2003, 19, 200-207.	4.2	741
62	Neural development of selective attention and response inhibition. <i>NeuroImage</i> , 2003, 20, 737-751.	4.2	300
63	Dissociation of Neural Representation of Intensity and Affective Valuation in Human Gustation. <i>Neuron</i> , 2003, 39, 701-711.	8.1	707
64	Modality-specific and -independent developmental differences in the neural substrate for lexical processing. <i>Journal of Neurolinguistics</i> , 2003, 16, 383-405.	1.1	65
65	Attention and its disorders. <i>British Medical Bulletin</i> , 2003, 65, 21-34.	6.9	28
66	Neural Correlates of Person Recognition. <i>Learning and Memory</i> , 2003, 10, 253-260.	1.3	82
67	Dissociating Explicit and Implicit Category Knowledge with fMRI. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 574-583.	2.3	144
68	Effects of Donepezil on Cognitive Functioning in Down Syndrome. <i>American Journal on Intellectual and Developmental Disabilities</i> , 2003, 108, 367.	2.4	44
69	Functional changes in temporal lobe activity during transient global amnesia. <i>Neurology</i> , 2002, 58, 638-641.	1.1	28
70	On the Use of Caffeine as a Contrast Booster for BOLD fMRI Studies. <i>NeuroImage</i> , 2002, 15, 37-44.	4.2	163
71	Functional Anatomy of Visual Search: Regional Segregations within the Frontal Eye Fields and Effective Connectivity of the Superior Colliculus. <i>NeuroImage</i> , 2002, 15, 970-982.	4.2	124
72	Functional Anatomy of Intra- and Cross-Modal Lexical Tasks. <i>NeuroImage</i> , 2002, 16, 7-22.	4.2	294

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73	Filtering of Distractors during Visual Search Studied by Positron Emission Tomography. <i>NeuroImage</i> , 2002, 16, 968-976.	4.2	22
74	Effective Connectivity and Intersubject Variability: Using a Multisubject Network to Test Differences and Commonalities. <i>NeuroImage</i> , 2002, 17, 1459-1469.	4.2	92
75	Neural Correlates of Artificial Grammar Learning. <i>NeuroImage</i> , 2002, 17, 1306-1314.	4.2	72
76	Selective impairment of morphosyntactic production in a neurological patient. <i>Journal of Neurolinguistics</i> , 2002, 15, 189-207.	1.1	30
77	Cognitive neuroimaging for all!. <i>Trends in Neurosciences</i> , 2002, 25, 275.	8.6	0
78	Neural Correlates of Successful Encoding Identified Using Functional Magnetic Resonance Imaging. <i>Journal of Neuroscience</i> , 2002, 22, 9541-9548.	3.6	125
79	Modality independence of word comprehension. <i>Human Brain Mapping</i> , 2002, 16, 251-261.	3.6	218
80	ILAB: A program for postexperimental eye movement analysis. <i>Behavior Research Methods</i> , 2002, 34, 605-612.	1.3	190
81	Electromyography as a Recording System for Eyeblink Conditioning with Functional Magnetic Resonance Imaging. <i>NeuroImage</i> , 2002, 17, 977-987.	4.2	3
82	The Development of Specialized Brain Systems in Reading and Oral-Language. <i>Child Neuropsychology</i> , 2001, 7, 119-141.	1.3	108
83	The posterior cingulate cortex and anticipatory shifts of spatial attention. <i>NeuroImage</i> , 2001, 13, 360.	4.2	26
84	3Anatomical and functional analysis of language network changes in primary progressive aphasia. <i>NeuroImage</i> , 2001, 13, 608.	4.2	0
85	Voxel-Based Morphometry of Herpes Simplex Encephalitis. <i>NeuroImage</i> , 2001, 13, 623-631.	4.2	96
86	Heterogeneity of Cingulate Contributions to Spatial Attention. <i>NeuroImage</i> , 2001, 13, 1065-1072.	4.2	155
87	Location- or Feature-Based Targeting of Peripheral Attention. <i>NeuroImage</i> , 2001, 14, 37-47.	4.2	74
88	Functional Specificity of Superior Parietal Mediation of Spatial Shifting. <i>NeuroImage</i> , 2001, 14, 661-673.	4.2	213
89	Impact of signal-to-noise on functional MRI of the human amygdala. <i>NeuroReport</i> , 2001, 12, 3461-3464.	1.2	94
90	Hunger selectively modulates corticolimbic activation to food stimuli in humans.. <i>Behavioral Neuroscience</i> , 2001, 115, 493-500.	1.2	385

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91	Dynamic Allocation of Attention in Aging and Alzheimer Disease. Archives of Neurology, 2001, 58, 1443.	4.5	36
92	Hunger selectively modulates corticolimbic activation to food stimuli in humans.. Behavioral Neuroscience, 2001, 115, 493-500.	1.2	3
93	Alterations of visual search strategy in Alzheimer's disease and aging.. Neuropsychology, 2000, 14, 398-408.	1.3	71
94	Impact of signal-to-noise on functional MRI. Magnetic Resonance in Medicine, 2000, 44, 925-932.	3.0	240
95	Emotional curiosity: modulation of visuospatial attention by arousal is preserved in aging and early-stage Alzheimer's disease. Neuropsychologia, 2000, 38, 1734-1740.	1.6	77
96	Real-Time Monitoring of Eye Movements Using Infrared Video-oculography during Functional Magnetic Resonance Imaging of the Frontal Eye Fields. NeuroImage, 2000, 11, 58-65.	4.2	64
97	Covert Visual Spatial Orienting and Saccades: Overlapping Neural Systems. NeuroImage, 2000, 11, 210-216.	4.2	425
98	Alterations of visual search strategy in Alzheimer's disease and aging.. Neuropsychology, 2000, 14, 398-408.	1.3	33
99	A large-scale distributed network for covert spatial attention. Brain, 1999, 122, 1093-1106.	7.6	606
100	The Large-Scale Neural Network for Spatial Attention Displays Multifunctional Overlap But Differential Asymmetry. NeuroImage, 1999, 9, 269-277.	4.2	319
101	Neuroanatomic Overlap of Working Memory and Spatial Attention Networks: A Functional MRI Comparison within Subjects. NeuroImage, 1999, 10, 695-704.	4.2	482
102	Dopamine agonists reorient visual exploration away from the neglected hemispace. Neurology, 1998, 51, 1395-1398.	1.1	83
103	Neural systems that encode categorical versus coordinate spatial relations: PET investigations. Cognitive, Affective and Behavioral Neuroscience, 1998, 26, 333-347.	1.3	78
104	Functional localization of the system for visuospatial attention using positron emission tomography. Brain, 1997, 120, 515-533.	7.6	828
105	Functional imaging of human right hemispheric activation for exploratory movements. Annals of Neurology, 1996, 39, 174-179.	5.3	147
106	Muscarinic and nicotinic contributions to cognitive function and cortical blood flow. Neurobiology of Aging, 1992, 13, 313-318.	3.1	62
107	Safety of Hypercapnic Challenge: Cardiovascular and Neurologic Considerations. Journal of Cerebral Blood Flow and Metabolism, 1991, 11, 1036-1040.	4.3	8
108	Perfusion insufficiency in limb-shaking transient ischemic attacks.. Stroke, 1990, 21, 341-347.	2.0	135

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109	A mathematical model and image analysis technique for calculating regional cerebral blood flow. <i>Computer Methods and Programs in Biomedicine</i> , 1989, 29, 59-69.	4.7	4
110	Decay of RNA in RNA processing mutants of <i>Escherichia coli</i> . <i>Molecular Genetics and Genomics</i> , 1980, 177, 339-343.	2.4	38
111	The synthesis of some proteins is affected in RNA processing mutants of <i>Escherichia coli</i> . <i>Biochemical and Biophysical Research Communications</i> , 1980, 96, 1063-1070.	2.1	70