

# Alex Martin

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

14,962  
citations

87723

38  
h-index

64668

79  
g-index

91  
all docs

91  
docs citations

91  
times ranked

12872  
citing authors

#	ARTICLE	IF	CITATIONS
1	Closed-loop neuromodulation for studying spontaneous activity and causality. Trends in Cognitive Sciences, 2022, 26, 290-299.	4.0	12
2	Distinct deficits of repetition priming following lateral versus anteromedial frontal cortex damage. Neuropsychologia, 2022, 170, 108212.	0.7	0
3	A Comparison of Single- and Multi-Echo Processing of Functional MRI Data During Overt Autobiographical Recall. Frontiers in Neuroscience, 2022, 16, 854387.	1.4	6
4	Specifying "where" and "what" is critical for testing hippocampal contributions to memory retrieval. Cognitive Neuroscience, 2022, 13, 144-146.	0.6	2
5	Youth with Down syndrome display widespread increased functional connectivity during rest. Scientific Reports, 2022, 12, .	1.6	5
6	A Role for the Anterior Hippocampus in Autobiographical Memory Construction Regardless of Temporal Distance. Journal of Neuroscience, 2022, 42, 6445-6452.	1.7	9
7	Evidence supporting a time-limited hippocampal role in retrieving autobiographical memories. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	33
8	Enhanced inter-regional coupling of neural responses and repetition suppression provide separate contributions to long-term behavioral priming. Communications Biology, 2021, 4, 487.	2.0	5
9	Gauging facial feature viewing preference as a stable individual trait in autism spectrum disorder. Autism Research, 2021, 14, 1670-1683.	2.1	6
10	Resting-State Functional Connectivity and Psychopathology in Klinefelter Syndrome (47, XXY). Cerebral Cortex, 2021, 31, 4180-4190.	1.6	4
11	A data-driven functional mapping of the anterior temporal lobes. Journal of Neuroscience, 2021, , JN-RM-0456-21.	1.7	27
12	Viewing images of foods evokes taste quality-specific activity in gustatory insular cortex. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	28
13	Dynamic Content Reactivation Supports Naturalistic Autobiographical Recall in Humans. Journal of Neuroscience, 2021, 41, 153-166.	1.7	22
14	Brain networks, dimensionality, and global signal averaging in resting-state fMRI: Hierarchical network structure results in low-dimensional spatiotemporal dynamics. NeuroImage, 2020, 205, 116289.	2.1	40
15	Characteristics of respiratory measures in young adults scanned at rest, including systematic changes and "omitted" deep breaths. NeuroImage, 2020, 204, 116234.	2.1	49
16	Prevalent and sex-biased breathing patterns modify functional connectivity MRI in young adults. Nature Communications, 2020, 11, 5290.	5.8	25
17	Layer-Specific Contributions to Imagined and Executed Hand Movements in Human Primary Motor Cortex. Current Biology, 2020, 30, 1721-1725.e3.	1.8	35
18	Changes in human brain dynamics during behavioral priming and repetition suppression. Progress in Neurobiology, 2020, 189, 101788.	2.8	26

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19	Distinct neural mechanisms of social orienting and mentalizing revealed by independent measures of neural and eye movement typicality. <i>Communications Biology</i> , 2020, 3, 48.	2.0	12
20	Taste Quality Representation in the Human Brain. <i>Journal of Neuroscience</i> , 2020, 40, 1042-1052.	1.7	67
21	Distinctions among real and apparent respiratory motions in human fMRI data. <i>NeuroImage</i> , 2019, 201, 116041.	2.1	101
22	Overt social interaction and resting state in young adult males with autism: core and contextual neural features. <i>Brain</i> , 2019, 142, 808-822.	3.7	35
23	Dynamic Neural Representations: An Inferential Challenge for fMRI. <i>Trends in Cognitive Sciences</i> , 2019, 23, 534-536.	4.0	28
24	Multifaceted Integration: Memory for Faces Is Subserved by Widespread Connections between Visual, Memory, Auditory, and Social Networks. <i>Journal of Neuroscience</i> , 2019, 39, 4976-4985.	1.7	27
25	Sex Differences in Resting-State Functional Connectivity of the Cerebellum in Autism Spectrum Disorder. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 104.	1.0	50
26	Reply to Spreng et al.: Multiecho fMRI denoising does not remove global motion-associated respiratory signals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19243-19244.	3.3	11
27	Bilateral functional connectivity at rest predicts apraxic symptoms after left hemisphere stroke. <i>NeuroImage: Clinical</i> , 2019, 21, 101526.	1.4	21
28	Altered resting-state dynamics in autism spectrum disorder: Causal to the social impairment?. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 90, 28-36.	2.5	16
29	Identifying task-general effects of stimulus familiarity in the parietal memory network. <i>Neuropsychologia</i> , 2019, 124, 31-43.	0.7	24
30	A Posteriorâ€“Anterior Distinction between Scene Perception and Scene Construction in Human Medial Parietal Cortex. <i>Journal of Neuroscience</i> , 2019, 39, 705-717.	1.7	48
31	Neural correlates of taste reactivity in autism spectrum disorder. <i>NeuroImage: Clinical</i> , 2018, 19, 38-46.	1.4	18
32	Ridding fMRI data of motion-related influences: Removal of signals with distinct spatial and physical bases in multiecho data. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2105-E2114.	3.3	250
33	Convergent gustatory and viscerosensory processing in the human dorsal midâ€“insula. <i>Human Brain Mapping</i> , 2017, 38, 2150-2164.	1.9	43
34	Privileged Functional Connectivity between the Visual Word Form Area and the Language System. <i>Journal of Neuroscience</i> , 2017, 37, 5288-5297.	1.7	108
35	Intrinsic frequency biases and profiles across human cortex. <i>Journal of Neurophysiology</i> , 2017, 118, 2853-2864.	0.9	29
36	On Global fMRI Signals and Simulations. <i>Trends in Cognitive Sciences</i> , 2017, 21, 911-913.	4.0	66

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37	Sources and implications of whole-brain fMRI signals in humans. <i>NeuroImage</i> , 2017, 146, 609-625.	2.1	446
38	Direct modulation of aberrant brain network connectivity through real-time NeuroFeedback. <i>ELife</i> , 2017, 6, .	2.8	97
39	Temporal interpolation alters motion in fMRI scans: Magnitudes and consequences for artifact detection. <i>PLoS ONE</i> , 2017, 12, e0182939.	1.1	67
40	Sentence processing in anterior superior temporal cortex shows a social-emotional bias. <i>Neuropsychologia</i> , 2016, 89, 217-224.	0.7	51
41	Disrupted sensorimotor and socialâ€œcognitive networks underlie symptoms in childhood-onset schizophrenia. <i>Brain</i> , 2016, 139, 276-291.	3.7	95
42	GRAPESâ€œGrounding representations in action, perception, and emotion systems: How object properties and categories are represented in the human brain. <i>Psychonomic Bulletin and Review</i> , 2016, 23, 979-990.	1.4	255
43	Canonical Cortical Circuit Model Explains Rivalry, Intermittent Rivalry, and Rivalry Memory. <i>PLoS Computational Biology</i> , 2016, 12, e1004903.	1.5	24
44	Functional connectivity constrains the categoryâ€œrelated organization of human ventral occipitotemporal cortex. <i>Human Brain Mapping</i> , 2015, 36, 2187-2206.	1.9	66
45	Functional connectivity classification of autism identifies highly predictive brain features but falls short of biomarker standards. <i>NeuroImage: Clinical</i> , 2015, 7, 359-366.	1.4	257
46	Object identification leads to a conceptual broadening of object representations in lateral prefrontal cortex. <i>Neuropsychologia</i> , 2015, 76, 62-78.	0.7	12
47	Resting-state functional connectivity predicts longitudinal change in autistic traits and adaptive functioning in autism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E6699-706.	3.3	94
48	Is a single â€œhubâ€œ, with lots of spokes, an accurate description of the neural architecture of action semantics?. <i>Physics of Life Reviews</i> , 2014, 11, 261-262.	1.5	23
49	The ventral pallidum and orbitofrontal cortex support food pleasantness inferences. <i>Brain Structure and Function</i> , 2014, 219, 473-483.	1.2	50
50	Individual differences in intrinsic brain connectivity predict decision strategy. <i>Journal of Neurophysiology</i> , 2014, 112, 1838-1848.	0.9	18
51	Category-specific integration of homeostatic signals in caudal but not rostral human insula. <i>Nature Neuroscience</i> , 2013, 16, 1551-1552.	7.1	87
52	Effective Preprocessing Procedures Virtually Eliminate Distance-Dependent Motion Artifacts in Resting State FMRI. <i>Journal of Applied Mathematics</i> , 2013, 2013, 1-9.	0.4	260
53	Correcting Brain-Wide Correlation Differences in Resting-State FMRI. <i>Brain Connectivity</i> , 2013, 3, 339-352.	0.8	183
54	Interregional neural synchrony has similar dynamics during spontaneous and stimulus-driven states. <i>Scientific Reports</i> , 2013, 3, 1481.	1.6	12

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55	The perils of global signal regression for group comparisons: a case study of Autism Spectrum Disorders. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 356.	1.0	260
56	Spontaneous neural activity predicts individual differences in performance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3201-3202.	3.3	15
57	Spontaneous resting-state BOLD fluctuations reveal persistent domain-specific neural networks. <i>Social Cognitive and Affective Neuroscience</i> , 2012, 7, 467-475.	1.5	60
58	Repetition priming and repetition suppression: A case for enhanced efficiency through neural synchronization. <i>Cognitive Neuroscience</i> , 2012, 3, 227-237.	0.6	202
59	Trouble at Rest: How Correlation Patterns and Group Differences Become Distorted After Global Signal Regression. <i>Brain Connectivity</i> , 2012, 2, 25-32.	0.8	805
60	Fractionation of social brain circuits in autism spectrum disorders. <i>Brain</i> , 2012, 135, 2711-2725.	3.7	314
61	Impaired Visual Scanning and Memory for Faces in High-Functioning Autism Spectrum Disorders: It's Not Just the Eyes. <i>Journal of the International Neuropsychological Society</i> , 2011, 17, 1021-1029.	1.2	36
62	Broad and Narrow Conceptual Tuning in the Human Frontal Lobes. <i>Cerebral Cortex</i> , 2011, 21, 477-491.	1.6	31
63	Facial Emotion Recognition in Autism Spectrum Disorders: A Review of Behavioral and Neuroimaging Studies. <i>Neuropsychology Review</i> , 2010, 20, 290-322.	2.5	781
64	Object repetition leads to local increases in the temporal coordination of neural responses. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 30.	1.0	43
65	The Selectivity and Functional Connectivity of the Anterior Temporal Lobes. <i>Cerebral Cortex</i> , 2010, 20, 813-825.	1.6	209
66	The anterior temporal lobes and the functional architecture of semantic memory. <i>Journal of the International Neuropsychological Society</i> , 2009, 15, 645-649.	1.2	158
67	Understanding Animate Agents. <i>Psychological Science</i> , 2007, 18, 469-474.	1.8	237
68	The Representation of Object Concepts in the Brain. <i>Annual Review of Psychology</i> , 2007, 58, 25-45.	9.9	1,400
69	Shades of Dã©jineâ€”Forging a Causal Link between the Visual Word Form Area and Reading. <i>Neuron</i> , 2006, 50, 173-175.	3.8	32
70	Repetition and the brain: neural models of stimulus-specific effects. <i>Trends in Cognitive Sciences</i> , 2006, 10, 14-23.	4.0	2,126
71	Repetition Priming Across the Adult Lifespanâ€”The Long and Short of It. <i>Aging, Neuropsychology, and Cognition</i> , 2006, 13, 308-325.	0.7	49
72	Making the causal link: frontal cortex activity and repetition priming. <i>Nature Neuroscience</i> , 2005, 8, 1134-1135.	7.1	19

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73	Pictures of Appetizing Foods Activate Gustatory Cortices for Taste and Reward. <i>Cerebral Cortex</i> , 2005, 15, 1602-1608.	1.6	456
74	NEURAL FOUNDATIONS FOR UNDERSTANDING SOCIAL AND MECHANICAL CONCEPTS. <i>Cognitive Neuropsychology</i> , 2003, 20, 575-587.	0.4	230
75	Modulation of Neural Activity during Object Naming: Effects of Time and Practice. <i>Cerebral Cortex</i> , 2003, 13, 381-391.	1.6	130
76	Semantic memory and the brain: structure and processes. <i>Current Opinion in Neurobiology</i> , 2001, 11, 194-201.	2.0	1,211
77	Long-lasting cortical plasticity in the object naming system. <i>Nature Neuroscience</i> , 2000, 3, 1329-1334.	7.1	236
78	Properties and mechanisms of perceptual priming. <i>Current Opinion in Neurobiology</i> , 1998, 8, 227-233.	2.0	768
79	Monitoring frequency of occurrence without awareness: Evidence from patients with Alzheimer's disease. <i>Journal of Clinical and Experimental Neuropsychology</i> , 1997, 19, 235-244.	0.8	12
80	Modulation of human medial temporal lobe activity by form, meaning, and experience. , 1997, 7, 587-593.		125
81	Neural correlates of category-specific knowledge. <i>Nature</i> , 1996, 379, 649-652.	13.7	1,621
82	Taste Metaphors Ground Emotion Concepts Through the Shared Attribute of Valence. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	3