

# Michael W Cole

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9254381/publications.pdf>

Version: 2024-02-01

79  
papers

12,310  
citations

61857

43  
h-index

88477

70  
g-index

106  
all docs

106  
docs citations

106  
times ranked

11979  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-task connectivity reveals flexible hubs for adaptive task control. <i>Nature Neuroscience</i> , 2013, 16, 1348-1355.	7.1	1,377
2	Intrinsic and Task-Evoked Network Architectures of the Human Brain. <i>Neuron</i> , 2014, 83, 238-251.	3.8	1,369
3	The cognitive control network: Integrated cortical regions with dissociable functions. <i>NeuroImage</i> , 2007, 37, 343-360.	2.1	946
4	The role of default network deactivation in cognition and disease. <i>Trends in Cognitive Sciences</i> , 2012, 16, 584-592.	4.0	805
5	Global Connectivity of Prefrontal Cortex Predicts Cognitive Control and Intelligence. <i>Journal of Neuroscience</i> , 2012, 32, 8988-8999.	1.7	540
6	Identifying the brain's most globally connected regions. <i>NeuroImage</i> , 2010, 49, 3132-3148.	2.1	518
7	Characterizing Thalamo-Cortical Disturbances in Schizophrenia and Bipolar Illness. <i>Cerebral Cortex</i> , 2014, 24, 3116-3130.	1.6	415
8	Activity flow over resting-state networks shapes cognitive task activations. <i>Nature Neuroscience</i> , 2016, 19, 1718-1726.	7.1	403
9	The Frontoparietal Control System. <i>Neuroscientist</i> , 2014, 20, 652-664.	2.6	394
10	Mapping the human brain's cortical-subcortical functional network organization. <i>NeuroImage</i> , 2019, 185, 35-57.	2.1	371
11	Heterogeneity within the frontoparietal control network and its relationship to the default and dorsal attention networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E1598-E1607.	3.3	363
12	Altered global brain signal in schizophrenia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7438-7443.	3.3	347
13	Global Prefrontal and Fronto-Amygdala Dysconnectivity in Bipolar I Disorder with Psychosis History. <i>Biological Psychiatry</i> , 2013, 73, 565-573.	0.7	240
14	Variable Global Dysconnectivity and Individual Differences in Schizophrenia. <i>Biological Psychiatry</i> , 2011, 70, 43-50.	0.7	224
15	Global Resting-State Functional Magnetic Resonance Imaging Analysis Identifies Frontal Cortex, Striatal, and Cerebellar Dysconnectivity in Obsessive-Compulsive Disorder. <i>Biological Psychiatry</i> , 2014, 75, 595-605.	0.7	222
16	Advancing functional connectivity research from association to causation. <i>Nature Neuroscience</i> , 2019, 22, 1751-1760.	7.1	215
17	Higher Intelligence Is Associated with Less Task-Related Brain Network Reconfiguration. <i>Journal of Neuroscience</i> , 2016, 36, 8551-8561.	1.7	206
18	Rapid instructed task learning: A new window into the human brain's unique capacity for flexible cognitive control. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2013, 13, 1-22.	1.0	161

#	ARTICLE	IF	CITATIONS
19	Task activations produce spurious but systematic inflation of task functional connectivity estimates. <i>NeuroImage</i> , 2019, 189, 1-18.	2.1	158
20	Early-Course Unmedicated Schizophrenia Patients Exhibit Elevated Prefrontal Connectivity Associated with Longitudinal Change. <i>Journal of Neuroscience</i> , 2015, 35, 267-286.	1.7	153
21	Cognitive task information is transferred between brain regions via resting-state network topology. <i>Nature Communications</i> , 2017, 8, 1027.	5.8	150
22	N-Methyl-D-Aspartate Receptor Antagonist Effects on Prefrontal Cortical Connectivity Better Model Early Than Chronic Schizophrenia. <i>Biological Psychiatry</i> , 2015, 77, 569-580.	0.7	144
23	A Functional Cartography of Cognitive Systems. <i>PLoS Computational Biology</i> , 2015, 11, e1004533.	1.5	137
24	Prefrontal Dynamics Underlying Rapid Instructed Task Learning Reverse with Practice. <i>Journal of Neuroscience</i> , 2010, 30, 14245-14254.	1.7	129
25	Canceling Planned Action: An fMRI Study of Countermanding Saccades. <i>Cerebral Cortex</i> , 2005, 15, 1281-1289.	1.6	123
26	Cingulate cortex: Diverging data from humans and monkeys. <i>Trends in Neurosciences</i> , 2009, 32, 566-574.	4.2	119
27	Vive les differences! Individual variation in neural mechanisms of executive control. <i>Current Opinion in Neurobiology</i> , 2010, 20, 242-250.	2.0	113
28	Reward Motivation Enhances Task Coding in Frontoparietal Cortex. <i>Cerebral Cortex</i> , 2016, 26, 1647-1659.	1.6	110
29	From connectome to cognition: The search for mechanism in human functional brain networks. <i>NeuroImage</i> , 2017, 160, 124-139.	2.1	102
30	Mediodorsal and Visual Thalamic Connectivity Differ in Schizophrenia and Bipolar Disorder With and Without Psychosis History. <i>Schizophrenia Bulletin</i> , 2014, 40, 1227-1243.	2.3	84
31	Rapid Transfer of Abstract Rules to Novel Contexts in Human Lateral Prefrontal Cortex. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 142.	1.0	82
32	Lateral Prefrontal Cortex Contributes to Fluid Intelligence Through Multinetwork Connectivity. <i>Brain Connectivity</i> , 2015, 5, 497-504.	0.8	80
33	The power of instructions: Proactive configuration of stimulus-response translation.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2015, 41, 768-786.	0.7	80
34	A cortical hierarchy of localized and distributed processes revealed via dissociation of task activations, connectivity changes, and intrinsic timescales. <i>NeuroImage</i> , 2020, 221, 117141.	2.1	77
35	Connectivity, Pharmacology, and Computation: Toward a Mechanistic Understanding of Neural System Dysfunction in Schizophrenia. <i>Frontiers in Psychiatry</i> , 2013, 4, 169.	1.3	68
36	Amygdala Connectivity Differs Among Chronic, Early Course, and Individuals at Risk for Developing Schizophrenia. <i>Schizophrenia Bulletin</i> , 2014, 40, 1105-1116.	2.3	67

#	ARTICLE	IF	CITATIONS
37	The Behavioral Relevance of Task Information in Human Prefrontal Cortex. <i>Cerebral Cortex</i> , 2016, 26, 2497-2505.	1.6	67
38	The Functional Relevance of Task-State Functional Connectivity. <i>Journal of Neuroscience</i> , 2021, 41, 2684-2702.	1.7	67
39	Global connectivity of the fronto-parietal cognitive control network is related to depression symptoms in the general population. <i>Network Neuroscience</i> , 2019, 3, 107-123.	1.4	65
40	Task-evoked activity quenches neural correlations and variability across cortical areas. <i>PLoS Computational Biology</i> , 2020, 16, e1007983.	1.5	62
41	Flexible Coordinator and Switcher Hubs for Adaptive Task Control. <i>Journal of Neuroscience</i> , 2020, 40, 6949-6968.	1.7	62
42	When planning results in loss of control: intention-based reflexivity and working-memory. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 104.	1.0	59
43	The task novelty paradox: Flexible control of inflexible neural pathways during rapid instructed task learning. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 81, 4-15.	2.9	59
44	Functional connectivity change as shared signal dynamics. <i>Journal of Neuroscience Methods</i> , 2016, 259, 22-39.	1.3	58
45	Conflict detection and resolution rely on a combination of common and distinct cognitive control networks. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 83, 123-131.	2.9	54
46	Neural mechanisms for response selection: comparing selection of responses and items from working memory. <i>NeuroImage</i> , 2007, 34, 446-454.	2.1	53
47	Discovering the Computational Relevance of Brain Network Organization. <i>Trends in Cognitive Sciences</i> , 2020, 24, 25-38.	4.0	49
48	Exploring brain-behavior relationships in the N-back task. <i>NeuroImage</i> , 2020, 212, 116683.	2.1	46
49	Selection and maintenance of stimulus-response rules during preparation and performance of a spatial choice-reaction task. <i>Brain Research</i> , 2007, 1136, 77-87.	1.1	41
50	Empirical validation of directed functional connectivity. <i>NeuroImage</i> , 2017, 146, 275-287.	2.1	33
51	How to study the neural mechanisms of multiple tasks. <i>Current Opinion in Behavioral Sciences</i> , 2019, 29, 134-143.	2.0	32
52	Predicting dysfunctional age-related task activations from resting-state network alterations. <i>NeuroImage</i> , 2020, 221, 117167.	2.1	32
53	Estimation and validation of individualized dynamic brain models with resting state fMRI. <i>NeuroImage</i> , 2020, 221, 117046.	2.1	32
54	Combining Multiple Functional Connectivity Methods to Improve Causal Inferences. <i>Journal of Cognitive Neuroscience</i> , 2021, 33, 180-194.	1.1	32

#	ARTICLE	IF	CITATIONS
55	Reflexive activation of newly instructed stimulusâ€“response rules: evidence from lateralized readiness potentials in no-go trials. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2015, 15, 365-373.	1.0	31
56	Transcranial alternating current stimulation attenuates BOLD adaptation and increases functional connectivity. <i>Journal of Neurophysiology</i> , 2020, 123, 428-438.	0.9	23
57	Constructing neural network models from brain data reveals representational transformations linked to adaptive behavior. <i>Nature Communications</i> , 2022, 13, 673.	5.8	23
58	A Whole-Brain and Cross-Diagnostic Perspective on Functional Brain Network Dysfunction. <i>Cerebral Cortex</i> , 2021, 31, 547-561.	1.6	22
59	Activity flow underlying abnormalities in brain activations and cognition in schizophrenia. <i>Science Advances</i> , 2021, 7, .	4.7	21
60	Conflict over Cingulate Cortex: Between-Species Differences in Cingulate May Support Enhanced Cognitive Flexibility in Humans. <i>Brain, Behavior and Evolution</i> , 2010, 75, 239-240.	0.9	16
61	Latent functional connectivity underlying multiple brain states. <i>Network Neuroscience</i> , 2022, 6, 570-590.	1.4	16
62	The Human Brain Traverses a Common Activation-Pattern State Space Across Task and Rest. <i>Brain Connectivity</i> , 2018, 8, 429-443.	0.8	15
63	Brain network mechanisms of visual shape completion. <i>NeuroImage</i> , 2021, 236, 118069.	2.1	15
64	A role for proactive control in rapid instructed task learning. <i>Acta Psychologica</i> , 2018, 184, 20-30.	0.7	14
65	Integrated Brain Network Architecture Supports Cognitive Task Performance. <i>Neuron</i> , 2016, 92, 278-279.	3.8	13
66	Structural MRI and functional connectivity features predict current clinical status and persistence behavior in prescription opioid users. <i>NeuroImage: Clinical</i> , 2021, 30, 102663.	1.4	11
67	The situation or the person? Individual and taskâ€“evoked differences in BOLD activity. <i>Human Brain Mapping</i> , 2019, 40, 2943-2954.	1.9	5
68	Looking Outside the Searchlight. <i>Lecture Notes in Computer Science</i> , 2012, , 26-33.	1.0	4
69	Global connectivity fingerprints predict the domain generality of multiple-demand regions. <i>Cerebral Cortex</i> , 2022, 32, 4464-4479.	1.6	4
70	Developing control-theoretic objectives for large-scale brain dynamics and cognitive enhancement. <i>Annual Reviews in Control</i> , 2022, 54, 363-376.	4.4	3
71	Protocol for activity flow mapping of neurocognitive computations using the Brain Activity Flow Toolbox. <i>STAR Protocols</i> , 2022, 3, 101094.	0.5	1
72	When Planning Results in Loss of Control: Intention-Based Reflexivity and Proactive Control. , 2013, , 263-290.		0

#	ARTICLE	IF	CITATIONS
73	Why is contour integration impaired in schizophrenia? New insights from a cross-diagnostic parametrically varying behavioral task. <i>Journal of Vision</i> , 2019, 19, 241.	0.1	0
74	Task-evoked activity quenches neural correlations and variability across cortical areas. , 2020, 16, e1007983.		0
75	Task-evoked activity quenches neural correlations and variability across cortical areas. , 2020, 16, e1007983.		0
76	Task-evoked activity quenches neural correlations and variability across cortical areas. , 2020, 16, e1007983.		0
77	Task-evoked activity quenches neural correlations and variability across cortical areas. , 2020, 16, e1007983.		0
78	Task-evoked activity quenches neural correlations and variability across cortical areas. , 2020, 16, e1007983.		0
79	Task-evoked activity quenches neural correlations and variability across cortical areas. , 2020, 16, e1007983.		0