

Akira Miyake

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9417839/publications.pdf>

Version: 2024-02-01

74
papers

30,247
citations

46918

47
h-index

91712

69
g-index

74
all docs

74
docs citations

74
times ranked

19800
citing authors

#	ARTICLE	IF	CITATIONS
1	The Unity and Diversity of Executive Functions and Their Contributions to Complex "Frontal Lobe" Tasks: A Latent Variable Analysis. <i>Cognitive Psychology</i> , 2000, 41, 49-100.	0.9	11,093
2	The Nature and Organization of Individual Differences in Executive Functions. <i>Current Directions in Psychological Science</i> , 2012, 21, 8-14.	2.8	2,699
3	The Relations Among Inhibition and Interference Control Functions: A Latent-Variable Analysis.. <i>Journal of Experimental Psychology: General</i> , 2004, 133, 101-135.	1.5	1,724
4	Individual differences in executive functions are almost entirely genetic in origin.. <i>Journal of Experimental Psychology: General</i> , 2008, 137, 201-225.	1.5	1,137
5	Unity and diversity of executive functions: Individual differences as a window on cognitive structure. <i>Cortex</i> , 2017, 86, 186-204.	1.1	1,041
6	Not All Executive Functions Are Related to Intelligence. <i>Psychological Science</i> , 2006, 17, 172-179.	1.8	956
7	How are visuospatial working memory, executive functioning, and spatial abilities related? A latent-variable analysis.. <i>Journal of Experimental Psychology: General</i> , 2001, 130, 621-640.	1.5	772
8	The separability of working memory resources for spatial thinking and language processing: An individual differences approach.. <i>Journal of Experimental Psychology: General</i> , 1996, 125, 4-27.	1.5	770
9	An Embedded-Processes Model of Working Memory. , 1999, , 62-101.		753
10	Working Memory: The Multiple-Component Model. , 1999, , 28-61.		749
11	A Multilab Preregistered Replication of the Ego-Depletion Effect. <i>Perspectives on Psychological Science</i> , 2016, 11, 546-573.	5.2	660
12	Individual Differences in Working Memory Capacity and What They Tell Us About Controlled Attention, General Fluid Intelligence, and Functions of the Prefrontal Cortex. , 1999, , 102-134.		641
13	Advancing understanding of executive function impairments and psychopathology: bridging the gap between clinical and cognitive approaches. <i>Frontiers in Psychology</i> , 2015, 6, 328.	1.1	617
14	Reducing the Gender Achievement Gap in College Science: A Classroom Study of Values Affirmation. <i>Science</i> , 2010, 330, 1234-1237.	6.0	570
15	Behavioral disinhibition: Liability for externalizing spectrum disorders and its genetic and environmental relation to response inhibition across adolescence.. <i>Journal of Abnormal Psychology</i> , 2009, 118, 117-130.	2.0	358
16	A capacity approach to syntactic comprehension disorders: making normal adults perform like aphasic patients. <i>Cognitive Neuropsychology</i> , 1994, 11, 671-717.	0.4	316
17	Individual Differences in Spatial Abilities. , 2005, , 121-169.		292
18	How are visuospatial working memory, executive functioning, and spatial abilities related? A latent-variable analysis. <i>Journal of Experimental Psychology: General</i> , 2001, 130, 621-640.	1.5	287

#	ARTICLE	IF	CITATIONS
19	Individual Differences in Second-Language Proficiency. <i>Psychological Science</i> , 2006, 17, 675-681.	1.8	269
20	The role of inner speech in task switching: A dual-task investigation. <i>Journal of Memory and Language</i> , 2003, 48, 148-168.	1.1	262
21	Developmental trajectories in toddlers' self-restraint predict individual differences in executive functions 14 years later: A behavioral genetic analysis.. <i>Developmental Psychology</i> , 2011, 47, 1410-1430.	1.2	248
22	Predicting word reading and comprehension with executive function and speed measures across development: A latent variable analysis.. <i>Journal of Experimental Psychology: General</i> , 2012, 141, 470-488.	1.5	246
23	Inner speech as a retrieval aid for task goals: the effects of cue type and articulatory suppression in the random task cuing paradigm. <i>Acta Psychologica</i> , 2004, 115, 123-142.	0.7	237
24	ASSESSMENT OF EXECUTIVE FUNCTIONS IN CLINICAL SETTINGS: PROBLEMS AND RECOMMENDATIONS. <i>Seminars in Speech and Language</i> , 2000, Volume 21, 0169-0183.	0.5	207
25	Neuroindices of cognitive workload: Neuroimaging, pupillometric and event-related potential studies of brain work. <i>Theoretical Issues in Ergonomics Science</i> , 2003, 4, 56-88.	1.0	195
26	The reading span test and its predictive power for reading comprehension ability. <i>Journal of Memory and Language</i> , 2004, 51, 136-158.	1.1	195
27	Stability and change in executive function abilities from late adolescence to early adulthood: A longitudinal twin study.. <i>Developmental Psychology</i> , 2016, 52, 326-340.	1.2	193
28	Greater Attention Problems During Childhood Predict Poorer Executive Functioning in Late Adolescence. <i>Psychological Science</i> , 2007, 18, 893-900.	1.8	179
29	Working Memory Constraints on the Resolution of Lexical Ambiguity: Maintaining Multiple Interpretations in Neutral Contexts. <i>Journal of Memory and Language</i> , 1994, 33, 175-202.	1.1	163
30	Commonalities and differences in the working memory components underlying letter and category fluency tasks: A dual-task investigation.. <i>Neuropsychology</i> , 2002, 16, 309-321.	1.0	142
31	Comparison of four scoring methods for the reading span test. <i>Behavior Research Methods</i> , 2005, 37, 581-590.	2.3	133
32	Genetic Relations Among Procrastination, Impulsivity, and Goal-Management Ability. <i>Psychological Science</i> , 2014, 25, 1178-1188.	1.8	122
33	Fitting in to Move Forward. <i>Psychology of Women Quarterly</i> , 2017, 41, 420-436.	1.3	117
34	Differential roles for visuospatial and verbal working memory in situation model construction.. <i>Journal of Experimental Psychology: General</i> , 2000, 129, 61-83.	1.5	109
35	Language Comprehension: Sentence and Discourse Processing. <i>Annual Review of Psychology</i> , 1995, 46, 91-120.	9.9	105
36	When Mental Inflexibility Facilitates Executive Control. <i>Psychological Science</i> , 2010, 21, 1377-1382.	1.8	105

#	ARTICLE	IF	CITATIONS
37	On the nature of forgetting and the processing-storage relationship in reading span performance. <i>Journal of Memory and Language</i> , 2004, 50, 425-443.	1.1	101
38	Toward a comprehensive understanding of executive cognitive function in implicit racial bias.. <i>Journal of Personality and Social Psychology</i> , 2015, 108, 187-218.	2.6	94
39	No Evidence of the Ego-Depletion Effect across Task Characteristics and Individual Differences: A Pre-Registered Study. <i>PLoS ONE</i> , 2016, 11, e0147770.	1.1	94
40	From an Executive Network to Executive Control: A Computational Model of the <i>n</i> -back Task. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 3598-3619.	1.1	83
41	Constraints on using the dual-task methodology to specify the degree of central executive involvement in cognitive tasks. <i>Memory and Cognition</i> , 2000, 28, 376-385.	0.9	82
42	Challenges to Ego-Depletion Research Go beyond the Replication Crisis: A Need for Tackling the Conceptual Crisis. <i>Frontiers in Psychology</i> , 2017, 8, 568.	1.1	80
43	Genetics of Cognition: Outline of a Collaborative Twin Study. <i>Twin Research and Human Genetics</i> , 2001, 4, 48-56.	1.5	77
44	Field dependence-independence from a working memory perspective: A dual-task investigation of the Hidden Figures Test. <i>Memory</i> , 2001, 9, 445-457.	0.9	76
45	Individual differences in working memory: Introduction to the special section.. <i>Journal of Experimental Psychology: General</i> , 2001, 130, 163-168.	1.5	76
46	A Multisite Preregistered Paradigmatic Test of the Ego-Depletion Effect. <i>Psychological Science</i> , 2021, 32, 1566-1581.	1.8	76
47	Trait worry is associated with difficulties in working memory updating. <i>Cognition and Emotion</i> , 2016, 30, 1289-1303.	1.2	74
48	Commonalities and differences in the working memory components underlying letter and category fluency tasks: a dual-task investigation. <i>Neuropsychology</i> , 2002, 16, 309-21.	1.0	71
49	Reduced resources and specific impairments in normal and aphasic sentence comprehension. <i>Cognitive Neuropsychology</i> , 1995, 12, 651-679.	0.4	64
50	Understanding the cognitive and genetic underpinnings of procrastination: Evidence for shared genetic influences with goal management and executive function abilities.. <i>Journal of Experimental Psychology: General</i> , 2015, 144, 1063-1079.	1.5	61
51	Executive functions and substance use: Relations in late adolescence and early adulthood.. <i>Journal of Abnormal Psychology</i> , 2017, 126, 257-270.	2.0	59
52	A combined experimental and individual-differences investigation into mind wandering during a video lecture.. <i>Journal of Experimental Psychology: General</i> , 2017, 146, 1649-1674.	1.5	50
53	Individual differences in verbal working memory underlie a tradeoff between semantic and structural processing difficulty during language comprehension: An ERP investigation.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2018, 44, 406-420.	0.7	46
54	Academic procrastination and goal accomplishment: A combined experimental and individual differences investigation. <i>Learning and Individual Differences</i> , 2017, 54, 160-172.	1.5	43

#	ARTICLE	IF	CITATIONS
55	Evidence for Transdiagnostic Repetitive Negative Thinking and Its Association with Rumination, Worry, and Depression and Anxiety Symptoms: A Commonality Analysis. <i>Collabra: Psychology</i> , 2018, 4, .	0.9	37
56	The role of attention during retrieval in working-memory span: A dual-task study. <i>Quarterly Journal of Experimental Psychology</i> , 2009, 62, 733-745.	0.6	27
57	Is set shifting really impaired in trait anxiety? Only when switching away from an effortfully established task set.. <i>Emotion</i> , 2017, 17, 88-101.	1.5	22
58	Alcohol effects on response inhibition: Variability across tasks and individuals.. <i>Experimental and Clinical Psychopharmacology</i> , 2018, 26, 251-267.	1.3	21
59	Replicating a self-affirmation intervention to address gender differences: Successes and challenges. <i>AIP Conference Proceedings</i> , 2012, , .	0.3	19
60	The genetic and environmental etiologies of the relations between cognitive skills and components of reading ability.. <i>Journal of Experimental Psychology: General</i> , 2016, 145, 451-466.	1.5	19
61	Phenotypic and Genetic Analyses of the Wisconsin Card Sort. <i>Behavior Genetics</i> , 2012, 42, 209-220.	1.4	18
62	Individual differences in integrating and coordinating multiple sources of information.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 1999, 25, 1300-1321.	0.7	15
63	Lower general executive function is primarily associated with trait worry: A latent variable analysis of negative thought/affect measures.. <i>Emotion</i> , 2020, 20, 557-571.	1.5	14
64	Does relocating information in text depend on verbal or visuospatial abilities? An individual-differences analysis. <i>Psychonomic Bulletin and Review</i> , 2002, 9, 801-806.	1.4	13
65	Variation in Working Memory: An Introduction. , 2008, , 3-18.		12
66	Joint Cognition: Thought Contagion and the Consequences of Cooperation when Sharing the Task of Random Sequence Generation. <i>PLoS ONE</i> , 2016, 11, e0151306.	1.1	12
67	Acute alcohol effects on set-shifting and its moderation by baseline individual differences: a latent variable analysis. <i>Addiction</i> , 2017, 112, 442-453.	1.7	11
68	Individual differences in task-unrelated thought in university classrooms. <i>Memory and Cognition</i> , 2021, 49, 1247-1266.	0.9	11
69	Good interactions are hard to find. <i>Behavioral and Brain Sciences</i> , 1999, 22, 108-109.	0.4	10
70	Gender Differences in Physics 1: The Impact of a Self-Affirmation Intervention. <i>AIP Conference Proceedings</i> , 2010, , .	0.3	5
71	Acute effect of alcohol on working memory updating. <i>Addiction</i> , 2021, 116, 3029-3043.	1.7	4
72	Interpolated testing and content pretesting as interventions to reduce task-unrelated thoughts during a video lecture. <i>Cognitive Research: Principles and Implications</i> , 2022, 7, 26.	1.1	3

#	ARTICLE	IF	CITATIONS
73	Toward a Holistic Approach to Reducing Academic Procrastination With Classroom Interventions. <i>Current Directions in Psychological Science</i> , 2022, 31, 291-304.	2.8	3
74	Selective preservation of geographical and numerical information in a patient with severe anomia. <i>Aphasiology</i> , 1999, 13, 625-645.	1.4	2