Stuart W S Macdonald

List of Publications by Year
in descending order

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101 papers	6,700 citations	81900 39 h-index	66911 78 g-index
103 all docs	103 docs citations	103 times ranked	7503 citing authors

#	Article	IF	Citations
1	Intraindividual variability measured with dispersion across diagnostic groups in a memory clinic sample. Applied Neuropsychology Adult, 2023, 30, 639-648.	1.2	1
2	Functional near infrared spectroscopy activation during an executive function task differs between healthy older and younger adults. Aging Brain, 2022, 2, 100029.	1.3	1
3	A socially-engaged lifestyle moderates the association between gait velocity and cognitive impairment. Aging and Mental Health, 2021, 25, 632-640.	2.8	2
4	Intraindividual variability in executive and motor control tasks in children with attention deficit hyperactivity disorder. Journal of Clinical and Experimental Neuropsychology, 2021, 43, 1-11.	1.3	3
5	The Ups and Downs of Cognitive Function: Neuroticism and Negative Affect Drive Performance Inconsistency. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2020, 75, 263-273.	3.9	20
6	Associations Between Control Beliefs and Response Time Inconsistency in Older Adults Vary as a Function of Attentional Task Demands. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2020, 75, 1819-1830.	3.9	4
7	Longitudinal changes in response time mean and inconsistency exhibit predictive dissociations for risk of cognitive impairment.. Neuropsychology, 2020, 34, 264-275.	1.3	6
8	White Matter Integrity Is Associated With Intraindividual Variability in Neuropsychological Test Performance in Healthy Older Adults. Frontiers in Human Neuroscience, 2019, 13, 352.	2.0	28
9	Intraindividual variability in children is related to informant ratings of attention and executive function. Journal of Clinical and Experimental Neuropsychology, 2019, 41, 740-748.	1.3	4
10	Resting State BOLD Variability Is Linked to White Matter Vascular Burden in Healthy Aging but Not in Older Adults With Subjective Cognitive Decline. Frontiers in Human Neuroscience, 2019, 13, 429.	2.0	14
11	Daily Stress Processes as Contributors to and Targets for Promoting Cognitive Health in Later Life. Psychosomatic Medicine, 2019, 81, 81-89.	2.0	12
12	A Comprehensive Comparison of Quantifications of Intraindividual Variability in Response Times: A Measurement Burst Approach. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2019, 74, 397-408.	3.9	38
13	Long-Term Care Service Trajectories and Their Predictors for Persons Living With Dementia: Results From a Canadian Study. Journal of Aging and Health, 2019, 31, 139-164.	1.7	8
14	The influence of social support and perceived stress on response time inconsistency. Aging and Mental Health, 2019, 23, 214-221.	2.8	6
15	The Promise of Intergenerational Choir for Improving Psychosocial and Cognitive Health for those with Dementia: The Voices in Motion Project. The Arbutus Review, 2019, 10, 66-82.	0.1	2
16	Long-term Care Trajectories in Canadian Context: Patterns and Predictors of Publicly Funded Care. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2018, 73, gbw104.	3.9	12
17	Characteristics of Healthy Older Adults that Influence Self-rated Cognitive Function. Journal of the International Neuropsychological Society, 2018, 24, 57-66.	1.8	12
18	Decomposing the within-person and between-person sources of variation in physical activity-cognition associations for low-active older adults. Psychology and Health, 2018, 33, 1431-1455.	2.2	8

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19	Intraindividual Variability across Neuropsychological Tests: Dispersion and Disengaged Lifestyle Increase Risk for Alzheimerâ€™s Disease. Journal of Intelligence, 2018, 6, 12.	2.5	18
20	Spillover of stress to Chinese Canadian immigrantsâ€™ parenting: Impact of acculturation and parentâ€“child stressors.. Asian American Journal of Psychology, 2018, 9, 190-199.	1.2	18
21	Health behavior changes in adolescence and young adulthood: Implications for cardiometabolic risk.. Health Psychology, 2018, 37, 103-113.	1.6	23
22	Contrasting olfaction, vision, and audition as predictors of cognitive change and impairment in non-demented older adults.. Neuropsychology, 2018, 32, 450-460.	1.3	26
23	Comparing executive function, evoked hemodynamic response, and gait as predictors of variations in mobility for older adults. Journal of Clinical and Experimental Neuropsychology, 2018, 40, 151-160.	1.3	17
24	Concurrent Indicators of Gait Velocity and Variability Are Associated with 25-Year Cognitive Change: A Retrospective Longitudinal Investigation. Frontiers in Aging Neuroscience, 2017, 9, 17.	3.4	19
25	Association of lifelong exposure to cognitive reserve-enhancing factors with dementia risk: A community-based cohort study. PLoS Medicine, 2017, 14, e1002251.	8.4	135
26	Mean and variability in functional brain activations differentially predict executive function in older adults: an investigation employing functional near-infrared spectroscopy. Neurophotonics, 2017, 5, 1.	3.3	12
27	Cognitively-Impaired-Not-Demented Status Moderates the Time-Varying Association between Finger Tapping Inconsistency and Executive Performance. Archives of Clinical Neuropsychology, 2016, 32, 110-116.	0.5	5
28	Methodological Considerations for the Study of Adult Development and Aging. , 2016, , 15-40.		5
29	Selective attrition and intraindividual variability in response time moderate cognitive change. Journal of Clinical and Experimental Neuropsychology, 2016, 38, 227-237.	1.3	16
30	Comparing individual differences in inconsistency and plasticity as predictors of cognitive function in older adults. Journal of Clinical and Experimental Neuropsychology, 2016, 38, 534-550.	1.3	13
31	Vascular Health and Genetic Risk Affect Mild Cognitive Impairment Status and 4-Year Stability: Evidence From the Victoria Longitudinal Study. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2016, 71, 1004-1014.	3.9	11
32	Measurement equivalence of neuropsychological tests across education levels in older adults. Journal of Clinical and Experimental Neuropsychology, 2014, 36, 1042-1054.	1.3	4
33	Attention capacity and self-report of subjective cognitive decline: A P3 ERP study. Biological Psychology, 2014, 103, 144-151.	2.2	42
34	BioAge: Toward a multi-determined, mechanistic account of cognitive aging. Ageing Research Reviews, 2014, 18, 95-105.	10.9	33
35	APOE and COMT polymorphisms are complementary biomarkers of status, stability, and transitions in normal aging and early mild cognitive impairment. Frontiers in Aging Neuroscience, 2014, 6, 236.	3.4	32
36	Moment-to-moment brain signal variability: A next frontier in human brain mapping?. Neuroscience and Biobehavioral Reviews, 2013, 37, 610-624.	6.1	487

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37	Factor structure of the Social Experience Questionnaire across time, sex, and grade among early elementary school children.. Psychological Assessment, 2013, 25, 1058-1068.	1.5	24
38	Influence of Individual and Contextual Characteristics on the Provision of Individualized Care in Long-Term Care Facilities. Gerontologist, The, 2013, 53, 790-800.	3.9	34
39	Aging-Related Increases in Behavioral Variability: Relations to Losses of Dopamine D1 Receptors. Journal of Neuroscience, 2012, 32, 8186-8191.	3.6	96
40	Social Activity and Cognitive Functioning Over Time: A Coordinated Analysis of Four Longitudinal Studies. Journal of Aging Research, 2012, 2012, 1-12.	0.9	46
41	Dynamic Associations of Change in Physical Activity and Change in Cognitive Function: Coordinated Analyses of Four Longitudinal Studies. Journal of Aging Research, 2012, 2012, 1-12.	0.9	37
42	Cognitively Stimulating Activities: Effects on Cognition across Four Studies with up to 21 Years of Longitudinal Data. Journal of Aging Research, 2012, 2012, 1-12.	0.9	70
43	Preclinical Cognitive Trajectories Differ for Alzheimer's Disease and Vascular Dementia. Journal of the International Neuropsychological Society, 2012, 18, 191-199.	1.8	29
44	Evolution of Global and Local Grey Matter Atrophy on Serial MRI Scans During the Progression from MCI to AD. Current Alzheimer Research, 2012, 9, 516-524.	1.4	47
45	Mild cognitive impairment is associated with selected functional markers: Integrating concurrent, longitudinal, and stability effects.. Neuropsychology, 2012, 26, 209-223.	1.3	35
46	Direct and indirect measurement of physical activity in older adults: a systematic review of the literature. International Journal of Behavioral Nutrition and Physical Activity, 2012, 9, 148.	4.6	154
47	The influence of cognitive impairment with no dementia on driving restriction and cessation in older adults. Accident Analysis and Prevention, 2012, 49, 308-315.	5.7	47
48	Intraindividual reaction time variability is malleable: feedback- and education-related reductions in variability with age. Frontiers in Human Neuroscience, 2012, 6, 101.	2.0	33
49	Impact of Negative Emotion on the Neural Correlates of Long-Term Recognition in Younger and Older Adults. Frontiers in Integrative Neuroscience, 2012, 6, 74.	2.1	12
50	Intensive Measurement Designs for Research on Aging. GeroPsych: the Journal of Gerontopsychology and Geriatric Psychiatry, 2012, 25, 45-55.	0.5	23
51	Is there a â€˜lowâ€riskâ€™ drinking level for youth? The risk of acute harm as a function of quantity and frequency of drinking. Drug and Alcohol Review, 2012, 31, 184-193.	2.1	14
52	Are neurocognitive speed and inconsistency similarly affected in type 2 diabetes?. Journal of Clinical and Experimental Neuropsychology, 2011, 33, 647-657.	1.3	11
53	Dopamine D1 receptors and age differences in brain activation during working memory. Neurobiology of Aging, 2011, 32, 1849-1856.	3.1	103
54	Clinical features and multidisciplinary approaches to dementia care. Journal of Multidisciplinary Healthcare, 2011, 4, 125.	2.7	112

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55	Education Does Not Slow Cognitive Decline with Aging: 12-Year Evidence from the Victoria Longitudinal Study. Journal of the International Neuropsychological Society, 2011, 17, 1039-1046.	1.8	263
56	Trajectories of Cognitive Decline following Dementia Onset: What Accounts for Variation in Progression?. Dementia and Geriatric Cognitive Disorders, 2011, 31, 202-209.	1.5	13
57	Child and context characteristics in trajectories of physical and relational victimization among early elementary school children. Development and Psychopathology, 2011, 23, 239-252.	2.3	55
58	Onset and Rate of Cognitive Change Before Dementia Diagnosis: Findings From Two Swedish Population-Based Longitudinal Studies. Journal of the International Neuropsychological Society, 2011, 17, 154-162.	1.8	40
59	Including Persistency of Impairment in Mild Cognitive Impairment Classification Enhances Prediction of 5-Year Decline. Archives of Clinical Neuropsychology, 2011, 26, 26-37.	0.5	7
60	Aging and the Shape of Cognitive Change Before Death: Terminal Decline Or Terminal Drop?. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2011, 66B, 292-301.	3.9	55
61	Linking Biological and Cognitive Aging: Toward Improving Characterizations of Developmental Time. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2011, 66B, i59-i70.	3.9	82
62	Intraindividual variability is related to cognitive change in older adults: Evidence for within-person coupling.. Psychology and Aging, 2010, 25, 575-586.	1.6	79
63	Intraindividual variability in reaction time predicts cognitive outcomes 5 years later.. Neuropsychology, 2010, 24, 731-741.	1.3	140
64	Accelerated postmenopausal cognitive decline is restricted to women with normal BMI: Longitudinal evidence from the Betula project. Psychoneuroendocrinology, 2010, 35, 516-524.	2.7	29
65	Simulating Neurocognitive Aging: Effects of a Dopaminergic Antagonist on Brain Activity During Working Memory. Biological Psychiatry, 2010, 67, 575-580.	1.3	61
66	Whole brain atrophy rate predicts progression from MCI to Alzheimerâ€™s disease. Neurobiology of Aging, 2010, 31, 1601-1605.	3.1	45
67	Extrastriatal dopamine D2 receptor binding modulates intraindividual variability in episodic recognition and executive functioning. Neuropsychologia, 2009, 47, 2299-2304.	1.6	94
68	Modulation of striatal dopamine D1 binding by cognitive processing. NeuroImage, 2009, 48, 398-404.	4.2	32
69	Neural underpinnings of within-person variability in cognitive functioning.. Psychology and Aging, 2009, 24, 792-808.	1.6	296
70	Terminal-Decline Effects for Select Cognitive Tasks after Controlling for Preclinical Dementia. American Journal of Geriatric Psychiatry, 2008, 16, 355-365.	1.2	19
71	Increased Response-time Variability is Associated with Reduced Inferior Parietal Activation during Episodic Recognition in Aging. Journal of Cognitive Neuroscience, 2008, 20, 779-786.	2.3	55
72	Predicting impending death: Inconsistency in speed is a selective and early marker.. Psychology and Aging, 2008, 23, 595-607.	1.6	84

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73	Chapter 5.4 Memory and cognitive performance in preclinical Alzheimer's disease and preclinical vascular disease. Handbook of Behavioral Neuroscience, 2008, 18, 537-551.	0.7	1
74	Short-Term Changes in General and Memory-Specific Control Beliefs and their Relationship to Cognition in Younger and Older Adults. International Journal of Aging and Human Development, 2007, 65, 53-71.	1.6	17
75	Neurocognitive markers of cognitive impairment: Exploring the roles of speed and inconsistency.. Neuropsychology, 2007, 21, 381-399.	1.3	178
76	Sex differences in cognition: The role of handedness. Physiology and Behavior, 2007, 92, 105-109.	2.1	18
77	Intra-individual variability in behavior: links to brain structure, neurotransmission and neuronal activity. Trends in Neurosciences, 2006, 29, 474-480.	8.6	558
78	Death and Cognition. European Psychologist, 2006, 11, 161-163.	3.1	12
79	How do health and biological age influence chronological age and sex differences in cognitive aging: Moderating, mediating, or both?. Psychology and Aging, 2006, 21, 318-332.	1.6	66
80	Rate of acquisition, adult age, and basic cognitive abilities predict forgetting: New views on a classic problem.. Journal of Experimental Psychology: General, 2006, 135, 368-390.	2.1	37
81	The association between endogenous free testosterone and cognitive performance: A population-based study in 35 to 90 year-oldmen and women. Psychoneuroendocrinology, 2006, 31, 565-576.	2.7	163
82	Intraindividual Variability in Vigilance Performance: Does Degrading Visual Stimuli Mimic Age-Related â€œNeural Noiseâ€?. Journal of Clinical and Experimental Neuropsychology, 2006, 28, 655-675.	1.3	47
83	Death and Cognition. European Psychologist, 2006, 11, 224-235.	3.1	92
84	Forgetting Numbers in Old Age: Strategy and Learning Speed Matter. Gerontology, 2005, 51, 277-284.	2.8	18
85	Cognitive Performance Differentiates Selected Aspects of Psychosocial Maturity in Adolescence. Developmental Neuropsychology, 2005, 28, 473-492.	1.4	27
86	Biological Age and 12-Year Cognitive Change in Older Adults: Findings from the Victoria Longitudinal Study. Gerontology, 2004, 50, 64-81.	2.8	89
87	Inconsistency in serial choice decision and motor reaction times dissociate in younger and older adults. Brain and Cognition, 2004, 56, 320-327.	1.8	101
88	Intraindividual variability in performance as a theoretical window onto cognitive aging. , 2004, , 65-88.		94
89	Age-Related Slowing of Digit Symbol Substitution Revisited: What Do Longitudinal Age Changes Reflect?. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2003, 58, P187-P194.	3.9	40
90	Self-awareness after traumatic brain injury: A comparison of measures and their relationship to executive functions. Journal of the International Neuropsychological Society, 2003, 9, 450-458.	1.8	136

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91	Performance variability is related to change in cognition: Evidence from the Victoria Longitudinal Study.. Psychology and Aging, 2003, 18, 510-523.	1.6	185
92	Latent Change Models of Adult Cognition: Are Changes in Processing Speed and Working Memory Associated With Changes in Episodic Memory?. Psychology and Aging, 2003, 18, 755-769.	1.6	189
93	Sampling and generalisability in developmental research: Comparison of random and convenience samples of older adults. International Journal of Behavioral Development, 2002, 26, 345-359.	2.4	96
94	Intraindividual variability in cognitive performance in three groups of older adults: Cross-domain links to physical status and self-perceived affect and beliefs. Journal of the International Neuropsychological Society, 2002, 8, 893-906.	1.8	85
95	Intraindividual variability as an indicator of malingering in head injury. Archives of Clinical Neuropsychology, 2002, 17, 423-444.	0.5	10
96	Variability in Reaction Time Performance of Younger and Older Adults. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2002, 57, P101-P115.	3.9	618
97	Intraindividual variability in cognitive performance in older adults: Comparison of adults with mild dementia, adults with arthritis, and healthy adults.. Neuropsychology, 2000, 14, 588-598.	1.3	323
98	Cognitive functioning in vascular dementia before and after diagnosis. , 0, , 46-57.		1
99	CVLT-II short form forced choice recognition in a clinical dementia sample: Cautions for performance validity assessment. Applied Neuropsychology Adult, 0, , 1-10.	1.2	1
100	Parameterizing Practice in a Longitudinal Measurement Burst Design to Dissociate Retest Effects From Developmental Change: Implications for Aging Neuroscience. Frontiers in Aging Neuroscience, 0, 14, .	3.4	0
101	Exploring the impact of community-based choral participation on cognitive function and well-being for persons with dementia: evidence from the Voices in Motion project. Aging and Mental Health, 0, , 1-8.	2.8	2