

Kristy A Nielson

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

4,167
citations

94433

37
h-index

123424

61
g-index

100
all docs

100
docs citations

100
times ranked

4751
citing authors

#	ARTICLE	IF	CITATIONS
1	Differences in the functional neuroanatomy of inhibitory control across the adult life span.. Psychology and Aging, 2002, 17, 56-71.	1.6	313
2	fMRI of healthy older adults during Stroop interference. NeuroImage, 2004, 21, 192-200.	4.2	228
3	Differences in the functional neuroanatomy of inhibitory control across the adult life span.. Psychology and Aging, 2002, 17, 56-71.	1.6	167
4	A task to manipulate attentional load, set-shifting, and inhibitory control: Convergent validity and test-retest reliability of the Parametric Go/No-Go Test. Journal of Clinical and Experimental Neuropsychology, 2007, 29, 842-853.	1.3	126
5	Semantic Memory Functional MRI and Cognitive Function after Exercise Intervention in Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2013, 37, 197-215.	2.6	121
6	Intact Physiological Response to Arousal with Impaired Emotional Recognition in Alexithymia. Psychotherapy and Psychosomatics, 2001, 70, 92-102.	8.8	116
7	Exercise Training and Functional Connectivity Changes in Mild Cognitive Impairment and Healthy Elders. Journal of Alzheimer's Disease, 2017, 57, 845-856.	2.6	114
8	Positive and negative sources of emotional arousal enhance long-term word-list retention when induced as long as 30min after learning. Neurobiology of Learning and Memory, 2007, 88, 40-47.	1.9	112
9	Physical activity reduces hippocampal atrophy in elders at genetic risk for Alzheimer's disease. Frontiers in Aging Neuroscience, 2014, 6, 61.	3.4	110
10	Memory enhancement by a semantically unrelated emotional arousal source induced after learning. Neurobiology of Learning and Memory, 2005, 84, 49-56.	1.9	103
11	Semantic memory activation in amnesic mild cognitive impairment. Brain, 2009, 132, 2068-2078.	7.6	101
12	Interactive effects of physical activity and APOE- ϵ 4 on BOLD semantic memory activation in healthy elders. NeuroImage, 2011, 54, 635-644.	4.2	100
13	Frontal recruitment during response inhibition in older adults replicated with fMRI. NeuroImage, 2003, 20, 1384-1392.	4.2	96
14	Beta-adrenergic receptor antagonist antihypertensive medications impair arousal-induced modulation of working memory in Elderly Humans. Behavioral and Neural Biology, 1994, 62, 190-200.	2.2	89
15	The progression of β -amyloid deposition in the frontal cortex of the aged canine. Brain Research, 1997, 774, 35-43.	2.2	87
16	Medial temporal lobe activity for recognition of recent and remote famous names: an event-related fMRI study. Neuropsychologia, 2005, 43, 693-703.	1.6	84
17	Improved Cardiorespiratory Fitness Is Associated with Increased Cortical Thickness in Mild Cognitive Impairment. Journal of the International Neuropsychological Society, 2015, 21, 757-767.	1.8	74
18	Resting Cerebral Blood Flow After Exercise Training in Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2019, 67, 671-684.	2.6	71

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19	Semantic memory activation in individuals at risk for developing Alzheimer disease. <i>Neurology</i> , 2009, 73, 612-620.	1.1	70
20	Lifestyle and Genetic Contributions to Cognitive Decline and Hippocampal Structure and Function in Healthy Aging. <i>Current Alzheimer Research</i> , 2012, 9, 436-446.	1.4	69
21	Arousal-Induced Modulation of Memory Storage Processes in Humans. <i>Neurobiology of Learning and Memory</i> , 1996, 66, 133-142.	1.9	66
22	A review of minority stress as a risk factor for cognitive decline in lesbian, gay, bisexual, and transgender (LGBT) elders. <i>Journal of Gay and Lesbian Mental Health</i> , 2020, 24, 2-19.	1.4	66
23	Prediction of Cognitive Decline in Healthy Older Adults using fMRI. <i>Journal of Alzheimer's Disease</i> , 2010, 21, 871-885.	2.6	62
24	Apolipoproteinε Genotyping of Diabetic Dementia Patients: Is Diabetes Rare in Alzheimer's Disease?. <i>Journal of the American Geriatrics Society</i> , 1996, 44, 897-904.	2.6	60
25	The effects of non-contingent extrinsic and intrinsic rewards on memory consolidation. <i>Neurobiology of Learning and Memory</i> , 2005, 84, 42-48.	1.9	54
26	Enhanced post-learning memory consolidation is influenced by arousal predisposition and emotion regulation but not by stimulus valence or arousal. <i>Neurobiology of Learning and Memory</i> , 2009, 92, 70-79.	1.9	54
27	Psychiatric Complications of Dementia: Impact on Caregivers. <i>Dementia and Geriatric Cognitive Disorders</i> , 1998, 9, 50-55.	1.5	53
28	Gender-specific disruptions in emotion processing in younger adults with depression. <i>Depression and Anxiety</i> , 2009, 26, 182-189.	4.1	52
29	Physical Activity and Brain Function in Older Adults at Increased Risk for Alzheimer's Disease. <i>Brain Sciences</i> , 2013, 3, 54-83.	2.3	52
30	Acquisition and Long-Term Retention of a Fine Motor Skill in Alzheimer's Disease. <i>Brain and Cognition</i> , 1995, 29, 294-306.	1.8	50
31	Age-related functional recruitment for famous name recognition: An event-related fMRI study. <i>Neurobiology of Aging</i> , 2006, 27, 1494-1504.	3.1	48
32	Cognitive-emotional processing in alexithymia: an integrative review. <i>Cognition and Emotion</i> , 2021, 35, 449-487.	2.0	47
33	Low-Dose Propranolol Reduces Aggression and Agitation Resembling That Associated with Orbitofrontal Dysfunction in Elderly Demented Patients. <i>Alzheimer Disease and Associated Disorders</i> , 1995, 9, 233-237.	1.3	46
34	The sensitivity and psychometric properties of a brief computer-based cognitive screening battery in a depression clinic. <i>Psychiatry Research</i> , 2007, 152, 143-154.	3.3	43
35	Motor Variability during Sustained Contractions Increases with Cognitive Demand in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 97.	3.4	42
36	Constructional apraxia in Alzheimer's disease correlates with neuritic neuropathology in occipital cortex. <i>Brain Research</i> , 1996, 741, 284-293.	2.2	41

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37	Five-Year Longitudinal Brain Volume Change in Healthy Elders at Genetic Risk for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 1363-1377.	2.6	41
38	Interactive effects of physical activity and APOE- ϵ 4 on white matter tract diffusivity in healthy elders. <i>NeuroImage</i> , 2016, 131, 102-112.	4.2	41
39	Comparability of functional MRI response in young and old during inhibition. <i>NeuroReport</i> , 2004, 15, 129-133.	1.2	40
40	Age and sex differences in steadiness of elbow flexor muscles with imposed cognitive demand. <i>European Journal of Applied Physiology</i> , 2015, 115, 1367-1379.	2.5	40
41	Genetic risk for Alzheimer's disease alters the five-year trajectory of semantic memory activation in cognitively intact elders. <i>NeuroImage</i> , 2015, 111, 136-146.	4.2	39
42	Stressor-induced increase in muscle fatigability of young men and women is predicted by strength but not voluntary activation. <i>Journal of Applied Physiology</i> , 2014, 116, 767-778.	2.5	38
43	A systematic review of cognitive event-related potentials in mild cognitive impairment and Alzheimer's disease. <i>Behavioural Brain Research</i> , 2021, 396, 112904.	2.2	38
44	Common neural systems associated with the recognition of famous faces and names: An event-related fMRI study. <i>Brain and Cognition</i> , 2010, 72, 491-498.	1.8	34
45	Brain areas associated with force steadiness and intensity during isometric ankle dorsiflexion in men and women. <i>Experimental Brain Research</i> , 2014, 232, 3133-3145.	1.5	34
46	Temporally Graded Activation of Neocortical Regions in Response to Memories of Different Ages. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 1113-1124.	2.3	32
47	Semantic knowledge for famous names in mild cognitive impairment. <i>Journal of the International Neuropsychological Society</i> , 2009, 15, 9-18.	1.8	31
48	Modulation of long-term memory by arousal in alexithymia: The role of interpretation. <i>Consciousness and Cognition</i> , 2009, 18, 786-793.	1.5	31
49	Functional magnetic resonance imaging of semantic memory as a presymptomatic biomarker of Alzheimer's disease risk. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 442-456.	3.8	31
50	An evaluation of distinct volumetric and functional MRI contributions toward understanding age and task performance: A study in the basal ganglia. <i>Brain Research</i> , 2007, 1135, 58-68.	2.2	30
51	Memory modulation in the classroom: Selective enhancement of college examination performance by arousal induced after lecture. <i>Neurobiology of Learning and Memory</i> , 2012, 98, 12-16.	1.9	29
52	Executive functioning and risk for Alzheimer's disease in the cognitively intact: Family history predicts Wisconsin Card Sorting Test performance. <i>Neuropsychology</i> , 2015, 29, 582-591.	1.3	25
53	Chronic Administration of Propranolol Impairs Inhibitory Avoidance Retention in Mice. <i>Neurobiology of Learning and Memory</i> , 1999, 71, 248-257.	1.9	23
54	Diffusion Tensor Imaging Predictors of Episodic Memory Decline in Healthy Elders at Genetic Risk for Alzheimer's Disease. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 1005-1015.	1.8	23

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55	Oscillations in neural drive and age-related reductions in force steadiness with a cognitive challenge. <i>Journal of Applied Physiology</i> , 2019, 126, 1056-1065.	2.5	22
56	Does physical activity influence semantic memory activation in amnesic mild cognitive impairment?. <i>Psychiatry Research - Neuroimaging</i> , 2011, 193, 60-62.	1.8	21
57	Comparison of Semantic and Episodic Memory BOLD fMRI Activation in Predicting Cognitive Decline in Older Adults. <i>Journal of the International Neuropsychological Society</i> , 2013, 19, 11-21.	1.8	21
58	Low-Dose Propranolol Reduces Aggression and Agitation Resembling That Associated with Orbitofrontal Dysfunction in Elderly Demented Patients. <i>Alzheimer Disease and Associated Disorders</i> , 1995, 9, 233-237.	1.3	20
59	Alexithymia impairs the cognitive control of negative material while facilitating the recall of neutral material in both younger and older adults. <i>Cognition and Emotion</i> , 2015, 29, 442-459.	2.0	20
60	Reduction of the misinformation effect by arousal induced after learning. <i>Cognition</i> , 2010, 117, 237-242.	2.2	19
61	Having no words for feelings: alexithymia as a fundamental personality dimension at the interface of cognition and emotion. <i>Cognition and Emotion</i> , 2021, 35, 435-448.	2.0	19
62	Chronic Propranolol Induces Deficits in Retention but Not Acquisition Performance in the Water Maze in Mice. <i>Neurobiology of Learning and Memory</i> , 2000, 74, 17-26.	1.9	18
63	Memory for emotionally provocative words in alexithymia: A role for stimulus relevance. <i>Consciousness and Cognition</i> , 2010, 19, 1062-1068.	1.5	18
64	Sex Differences in Arm Muscle Fatigability With Cognitive Demand in Older Adults. <i>Clinical Orthopaedics and Related Research</i> , 2015, 473, 2568-2577.	1.5	18
65	Recognition of famous names predicts cognitive decline in healthy elders.. <i>Neuropsychology</i> , 2013, 27, 333-342.	1.3	16
66	Muscle tension induced after learning enhances long-term narrative and visual memory in healthy older adults. <i>Neurobiology of Learning and Memory</i> , 2014, 109, 144-150.	1.9	15
67	The role of alexithymia in memory and executive functioning across the lifespan. <i>Cognition and Emotion</i> , 2021, 35, 524-539.	2.0	15
68	Association Between Greater Cerebellar Network Connectivity and Improved Phonemic Fluency Performance After Exercise Training in Older Adults. <i>Cerebellum</i> , 2021, 20, 542-555.	2.5	14
69	Exercise Training-Related Changes in Cortical Gray Matter Diffusivity and Cognitive Function in Mild Cognitive Impairment and Healthy Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 645258.	3.4	14
70	Hippocampal Functional Connectivity and Memory Performance After Exercise Intervention in Older Adults with Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 1015-1031.	2.6	14
71	Differential 5-year brain atrophy rates in cognitively declining and stable APOE- ϵ 4 elders.. <i>Neuropsychology</i> , 2018, 32, 647-653.	1.3	12
72	Temporal Dynamics of Event-Related Potentials during Inhibitory Control Characterize Age-Related Neural Compensation. <i>Symmetry</i> , 2021, 13, 2323.	2.2	11

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73	Caregiver and Clinician Assessment of Behavioral Disturbances: The California Dementia Behavior Questionnaire. <i>International Psychogeriatrics</i> , 1997, 9, 155-174.	1.0	10
74	Performance variability during a multitrial list-learning task as a predictor of future cognitive decline in healthy elders. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2014, 36, 236-243.	1.3	9
75	Memory and Executive Functions in Alexithymia. , 0, , 78-89.		9
76	Event-Related Potentials, Inhibition, and Risk for Alzheimer's Disease Among Cognitively Intact Elders. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 1413-1428.	2.6	8
77	Motor timing intraindividual variability in amnesic mild cognitive impairment and cognitively intact elders at genetic risk for Alzheimer's disease. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2017, 39, 866-875.	1.3	7
78	Episodic Memory and Hippocampal Volume Predict 5-Year Mild Cognitive Impairment Conversion in Healthy Apolipoprotein E4 Carriers. <i>Journal of the International Neuropsychological Society</i> , 2020, 26, 733-738.	1.8	7
79	Post-learning arousal enhances veridical memory and reduces false memory in the Deese-Roediger-McDermott paradigm. <i>Neurobiology of Learning and Memory</i> , 2017, 144, 198-207.	1.9	6
80	Force Steadiness During a Cognitively Challenging Motor Task Is Predicted by Executive Function in Older Adults. <i>Frontiers in Physiology</i> , 2018, 9, 1316.	2.8	5
81	Five-Year Change in Body Mass Index Predicts Conversion to Mild Cognitive Impairment or Dementia Only in APOE E4 Allele Carriers. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 189-199.	2.6	5
82	Effects of Exercise Training on fMRI Activation and Hippocampal Blood Flow in Mild Cognitive Impairment. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 617-618.	0.4	3
83	Temporal Dynamics of Brain Activity in Human Memory Processes. <i>Nonlinear Dynamics, Psychology, and Life Sciences</i> , 2002, 6, 323-334.	0.2	2
84	Subjective Well-Being and Bilateral Anterior Insula Functional Connectivity After Exercise Intervention in Older Adults With Mild Cognitive Impairment. <i>Frontiers in Neuroscience</i> , 2022, 16, .	2.8	2
85	Effects Of A 12-week Exercise Intervention On Default Mode Network Connectivity In MCI Patients. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 678.	0.4	0
86	P2-302: Effects of a 12-week exercise intervention on resting state brain networks in mild cognitive impairment and healthy elders. , 2015, 11, P608-P608.		0
87	P4-043: Aerobic fitness-associated increases in cortical thickness in mild cognitive impairment. , 2015, 11, P782-P783.		0
88	Exercise Training Alters Resting Cerebral Blood Flow. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 821-822.	0.4	0
89	Sex Differences In Brain Activation During Submaximal Isometric Contractions Of The Lower Extremity. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 433.	0.4	0
90	Physical Activity Is Associated With Greater Brain Activation During Memory In Adults At Risk For Alzheimer's Disease. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 71.	0.4	0

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91	Interactions Between Physical Activity and APOE- ϵ 4 Risk for Alzheimer's Disease on Longitudinal Hippocampal Volume Change. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 282.	0.4	0
92	Individuals with MCI Exhibit Stronger Posterior Functional Connectivity than Healthy Elders after a 12-week Walking Intervention. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 1053.	0.4	0
93	Exercise Training Related Changes in Verbal Fluency in Healthy Older Adults and Mild Cognitive Impairment. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 86-87.	0.4	0