

Nicole A Kochan

List of Publications by Year in descending order

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Version: 2024-02-01

114
papers

4,381
citations

136885

32
h-index

123376

61
g-index

129
all docs

129
docs citations

129
times ranked

7955
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of 300,486 individuals identifies 148 independent genetic loci influencing general cognitive function. <i>Nature Communications</i> , 2018, 9, 2098.	5.8	484
2	The Sydney Memory and Ageing Study (MAS): methodology and baseline medical and neuropsychiatric characteristics of an elderly epidemiological non-demented cohort of Australians aged 70-90 years. <i>International Psychogeriatrics</i> , 2010, 22, 1248-1264.	0.6	286
3	Subjective cognitive decline and rates of incident Alzheimer's disease and non-Alzheimer's disease dementia. <i>Alzheimer's and Dementia</i> , 2019, 15, 465-476.	0.4	232
4	The Prevalence of Mild Cognitive Impairment in Diverse Geographical and Ethnocultural Regions: The COSMIC Collaboration. <i>PLoS ONE</i> , 2015, 10, e0142388.	1.1	225
5	Mild Cognitive Impairment as a Predictor of Falls in Community-Dwelling Older People. <i>American Journal of Geriatric Psychiatry</i> , 2012, 20, 845-853.	0.6	171
6	Plasma Apolipoprotein Levels Are Associated with Cognitive Status and Decline in a Community Cohort of Older Individuals. <i>PLoS ONE</i> , 2012, 7, e34078.	1.1	158
7	Factors Predicting Reversion from Mild Cognitive Impairment to Normal Cognitive Functioning: A Population-Based Study. <i>PLoS ONE</i> , 2013, 8, e59649.	1.1	143
8	Mild cognitive impairment in a community sample: The Sydney Memory and Ageing Study. <i>Alzheimer's and Dementia</i> , 2013, 9, 310.	0.4	140
9	Age-related cognitive decline and associations with sex, education and apolipoprotein E genotype across ethnocultural groups and geographic regions: a collaborative cohort study. <i>PLoS Medicine</i> , 2017, 14, e1002261.	3.9	120
10	Profile of and risk factors for poststroke cognitive impairment in diverse ethnoregional groups. <i>Neurology</i> , 2019, 93, e2257-e2271.	1.5	117
11	Metformin Use Is Associated With Slowed Cognitive Decline and Reduced Incident Dementia in Older Adults With Type 2 Diabetes: The Sydney Memory and Ageing Study. <i>Diabetes Care</i> , 2020, 43, 2691-2701.	4.3	116
12	Depressive symptoms increase fall risk in older people, independent of antidepressant use, and reduced executive and physical functioning. <i>Archives of Gerontology and Geriatrics</i> , 2015, 60, 190-195.	1.4	95
13	Determinants of cognitive performance and decline in 20 diverse ethno-regional groups: A COSMIC collaboration cohort study. <i>PLoS Medicine</i> , 2019, 16, e1002853.	3.9	86
14	Effect of Different Impairment Criteria on Prevalence of Objective Mild Cognitive Impairment in a Community Sample. <i>American Journal of Geriatric Psychiatry</i> , 2010, 18, 711-722.	0.6	78
15	Hippocampal plasticity underpins long-term cognitive gains from resistance exercise in MCI. <i>NeuroImage: Clinical</i> , 2020, 25, 102182.	1.4	76
16	Genome-wide Studies of Verbal Declarative Memory in Nondemented Older People: The Cohorts for Heart and Aging Research in Genomic Epidemiology Consortium. <i>Biological Psychiatry</i> , 2015, 77, 749-763.	0.7	67
17	Estimating prevalence of subjective cognitive decline in and across international cohort studies of aging: a COSMIC study. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 167.	3.0	64
18	Influence of population versus convenience sampling on sample characteristics in studies of cognitive aging. <i>Annals of Epidemiology</i> , 2014, 24, 63-71.	0.9	61

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19	Risk Profiles for Mild Cognitive Impairment Vary by Age and Sex: The Sydney Memory and Ageing Study. <i>American Journal of Geriatric Psychiatry</i> , 2012, 20, 854-865.	0.6	59
20	Gray matter atrophy patterns of mild cognitive impairment subtypes. <i>Journal of the Neurological Sciences</i> , 2012, 315, 26-32.	0.3	58
21	COSMIC (Cohort Studies of Memory in an International Consortium): An international consortium to identify risk and protective factors and biomarkers of cognitive ageing and dementia in diverse ethnic and sociocultural groups. <i>BMC Neurology</i> , 2013, 13, 165.	0.8	58
22	Effects of MCI subtype and reversion on progression to dementia in a community sample. <i>Neurology</i> , 2017, 88, 2225-2232.	1.5	58
23	The impact of glucose disorders on cognition and brain volumes in the elderly: the Sydney Memory and Ageing Study. <i>Age</i> , 2014, 36, 977-993.	3.0	57
24	Risk Factors for Mild Cognitive Impairment, Dementia and Mortality: The Sydney Memory and Ageing Study. <i>Journal of the American Medical Directors Association</i> , 2017, 18, 388-395.	1.2	53
25	Association of Dilated Perivascular Spaces With Cognitive Decline and Incident Dementia. <i>Neurology</i> , 2021, 96, e1501-e1511.	1.5	52
26	The independent influences of age and education on functional brain networks and cognition in healthy older adults. <i>Human Brain Mapping</i> , 2017, 38, 5094-5114.	1.9	49
27	Effects of Statins on Memory, Cognition, and Brain Volume in the Elderly. <i>Journal of the American College of Cardiology</i> , 2019, 74, 2554-2568.	1.2	49
28	Functional Alterations in Brain Activation and Deactivation in Mild Cognitive Impairment in Response to a Graded Working Memory Challenge. <i>Dementia and Geriatric Cognitive Disorders</i> , 2010, 30, 553-568.	0.7	46
29	Predicting Cognitive, Functional, and Diagnostic Change over 4 Years Using Baseline Subjective Cognitive Complaints in the Sydney Memory and Ageing Study. <i>American Journal of Geriatric Psychiatry</i> , 2015, 23, 906-914.	0.6	45
30	Cognition and mortality in older people: the Sydney Memory and Ageing Study. <i>Age and Ageing</i> , 2015, 44, 1049-1054.	0.7	44
31	Plasma apolipoproteins and physical and cognitive health in very old individuals. <i>Neurobiology of Aging</i> , 2017, 55, 49-60.	1.5	42
32	The Association of Sedentary Behaviour and Cognitive Function in People Without Dementia: A Coordinated Analysis Across Five Cohort Studies from COSMIC. <i>Sports Medicine</i> , 2020, 50, 403-413.	3.1	39
33	Lexical retrieval treatment in primary progressive aphasia: An investigation of treatment duration in a heterogeneous case series. <i>Cortex</i> , 2019, 115, 133-158.	1.1	36
34	Age-associated differences on structural brain MRI in nondemented individuals from 71 to 103 years. <i>Neurobiology of Aging</i> , 2016, 40, 86-97.	1.5	35
35	Operationalizing the Diagnostic Criteria for Mild Cognitive Impairment: The Salience of Objective Measures in Predicting Incident Dementia. <i>American Journal of Geriatric Psychiatry</i> , 2017, 25, 485-497.	0.6	34
36	Mediating effects of processing speed and executive functions in age-related differences in episodic memory performance: A cross-validation study. <i>Neuropsychology</i> , 2012, 26, 776-784.	1.0	32

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37	Deep white matter hyperintensities, microstructural integrity and dual task walking in older people. <i>Brain Imaging and Behavior</i> , 2018, 12, 1488-1496.	1.1	30
38	The association of regional white matter lesions with cognition in a community-based cohort of older individuals. <i>NeuroImage: Clinical</i> , 2018, 19, 14-21.	1.4	30
39	ICC-dementia (International Centenarian Consortium - dementia): an international consortium to determine the prevalence and incidence of dementia in centenarians across diverse ethnorracial and sociocultural groups. <i>BMC Neurology</i> , 2016, 16, 52.	0.8	28
40	The relationship between inflammatory markers and voxel-based gray matter volumes in nondemented older adults. <i>Neurobiology of Aging</i> , 2016, 37, 138-146.	1.5	27
41	Participant and informant memory-specific cognitive complaints predict future decline and incident dementia: Findings from the Sydney Memory and Ageing Study. <i>PLoS ONE</i> , 2020, 15, e0232961.	1.1	27
42	Cortical Responses to a Graded Working Memory Challenge Predict Functional Decline in Mild Cognitive Impairment. <i>Biological Psychiatry</i> , 2011, 70, 123-130.	0.7	26
43	Validation and Normative Data for the Modified Telephone Interview for Cognitive Status: The Sydney Memory and Ageing Study. <i>Journal of the American Geriatrics Society</i> , 2019, 67, 2108-2115.	1.3	26
44	Age-Related Changes of Peak Width Skeletonized Mean Diffusivity (PSMD) Across the Adult Lifespan: A Multi-Cohort Study. <i>Frontiers in Psychiatry</i> , 2020, 11, 342.	1.3	26
45	Reaction Time Measures Predict Incident Dementia in Community-Living Older Adults: The Sydney Memory and Ageing Study. <i>American Journal of Geriatric Psychiatry</i> , 2016, 24, 221-231.	0.6	25
46	Harmonizing neuropsychological assessment for mild neurocognitive disorders in Europe. <i>Alzheimer's and Dementia</i> , 2022, 18, 29-42.	0.4	24
47	Impact of Load-Related Neural Processes on Feature Binding in Visuospatial Working Memory. <i>PLoS ONE</i> , 2011, 6, e23960.	1.1	24
48	Is intraindividual reaction time variability an independent cognitive predictor of mortality in old age? Findings from the Sydney Memory and Ageing Study. <i>PLoS ONE</i> , 2017, 12, e0181719.	1.1	24
49	Upregulation of Glycolytic Enzymes, Mitochondrial Dysfunction and Increased Cytotoxicity in Glial Cells Treated with Alzheimer's Disease Plasma. <i>PLoS ONE</i> , 2015, 10, e0116092.	1.1	22
50	Alcohol Consumption and Incident Dementia: Evidence from the Sydney Memory and Ageing Study. <i>Journal of Alzheimer's Disease</i> , 2016, 52, 529-538.	1.2	20
51	Genome-wide significant results identified for plasma apolipoprotein H levels in middle-aged and older adults. <i>Scientific Reports</i> , 2016, 6, 23675.	1.6	20
52	DNA Methylation in the Apolipoprotein-A1 Gene is Associated with Episodic Memory Performance in Healthy Older Individuals. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 175-182.	1.2	19
53	The relationship of cerebral microbleeds to cognition and incident dementia in non-demented older individuals. <i>Brain Imaging and Behavior</i> , 2019, 13, 750-761.	1.1	19
54	Adiposity Estimated Using Dual Energy X-Ray Absorptiometry and Body Mass Index and Its Association with Cognition in Elderly Adults. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 2311-2318.	1.3	18

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55	Classifying MCI Subtypes in Community-Dwelling Elderly Using Cross-Sectional and Longitudinal MRI-Based Biomarkers. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 309.	1.7	17
56	The role of cognitive function and physical activity in physical decline in older adults across the cognitive spectrum. <i>Aging and Mental Health</i> , 2019, 23, 863-871.	1.5	17
57	Sydney Memory and Ageing Study: An epidemiological cohort study of brain ageing and dementia. <i>International Review of Psychiatry</i> , 2013, 25, 711-725.	1.4	16
58	Longitudinal Changes in Whole-Brain Functional Connectivity Strength Patterns and the Relationship With the Global Cognitive Decline in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 71.	1.7	16
59	Associations between reaction time measures and white matter hyperintensities in very old age. <i>Neuropsychologia</i> , 2017, 96, 249-255.	0.7	16
60	Can Mild Cognitive Impairment Be Accurately Diagnosed in English Speakers From Linguistic Minorities? Results From the Sydney Memory and Ageing Study. <i>American Journal of Geriatric Psychiatry</i> , 2012, 20, 866-877.	0.6	15
61	Neuroticism scores increase with late-life cognitive decline. <i>International Journal of Geriatric Psychiatry</i> , 2015, 30, 985-993.	1.3	15
62	An investigation into early-life stress and cognitive function in older age. <i>International Psychogeriatrics</i> , 2020, 32, 1325-1329.	0.6	13
63	Stronger bilateral functional connectivity of the frontoparietal control network in near-centenarians and centenarians without dementia. <i>NeuroImage</i> , 2020, 215, 116855.	2.1	13
64	Risk factors for falls in community-dwelling older people with mild cognitive impairment: a prospective one-year study. <i>PeerJ</i> , 0, 10, e13484.	0.9	13
65	Neuroanatomical Correlates of Cognitive Performance in Late Life. <i>Dementia and Geriatric Cognitive Disorders</i> , 2011, 32, 216-226.	0.7	12
66	The Sub-Classification of Amnesic Mild Cognitive Impairment Using MRI-Based Cortical Thickness Measures. <i>Frontiers in Neurology</i> , 2014, 5, 76.	1.1	12
67	Investigating the influence of KIBRA and CLSTN2 genetic polymorphisms on cross-sectional and longitudinal measures of memory performance and hippocampal volume in older individuals. <i>Neuropsychologia</i> , 2015, 78, 10-17.	0.7	12
68	Altered functional connectivity strength in informant-reported subjective cognitive decline: A resting-state functional magnetic resonance imaging study. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 688-697.	1.2	12
69	Organisational aspects and assessment practices of Australian memory clinics: an Australian Dementia Network (ADNeT) Survey. <i>BMJ Open</i> , 2021, 11, e038624.	0.8	11
70	Sensorimotor, Cognitive, and Affective Functions Contribute to the Prediction of Falls in Old Age and Neurologic Disorders: An Observational Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2021, 102, 874-880.	0.5	10
71	Correlates of psychological distress in study partners of older people with and without mild cognitive impairment (MCI) – the Sydney Memory and Ageing Study. <i>Aging and Mental Health</i> , 2014, 18, 694-705.	1.5	9
72	Novel ThickNet features for the discrimination of amnesic MCI subtypes. <i>NeuroImage: Clinical</i> , 2014, 6, 284-295.	1.4	9

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73	The influence of rs53576 polymorphism in the oxytocin receptor (<i>OXTR</i>) gene on empathy in healthy adults by subtype and ethnicity: a systematic review and meta-analysis. <i>Reviews in the Neurosciences</i> , 2022, 33, 43-57.	1.4	9
74	Cross-Lagged Modeling of Cognition and Social Network Size in the Sydney Memory and Ageing Study. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2021, 76, 1716-1725.	2.4	9
75	Development of a short-form version of the Reading the Mind in the Eyes Test for assessing theory of mind in older adults. <i>International Journal of Geriatric Psychiatry</i> , 2020, 35, 1322-1330.	1.3	8
76	Association of Dietary Patterns with Cognitive Function and Cognitive Decline in Sydney Memory and Ageing Study: A Longitudinal Analysis. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2022, 122, 949-960.e15.	0.4	8
77	Posterior compensatory network in cognitively intact elders with hippocampal atrophy. <i>Hippocampus</i> , 2015, 25, 581-593.	0.9	7
78	Prospective memory function and cue salience in mild cognitive impairment: Findings from the Sydney Memory and Ageing Study. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2017, 39, 941-953.	0.8	7
79	New avenue for the geriatric depression scale: Rasch transformation enhances reliability of assessment. <i>Journal of Affective Disorders</i> , 2020, 264, 7-14.	2.0	7
80	Increased reporting of subjective cognitive complaints over time predicts cognitive decline and incident dementia. <i>International Journal of Geriatric Psychiatry</i> , 2021, 36, 1739-1747.	1.3	7
81	Characterising Australian memory clinics: current practice and service needs informing national service guidelines. <i>BMC Geriatrics</i> , 2022, 22, .	1.1	7
82	Does Antihypertensive Use Moderate the Effect of Blood Pressure on Cognitive Decline in Older People?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 859-866.	1.7	6
83	Iranian Brain Imaging Database: A Neuropsychiatric Database of Healthy Brain. <i>Basic and Clinical Neuroscience</i> , 2021, 12, 115-132.	0.3	6
84	Hearing loss, cognition, and risk of neurocognitive disorder: evidence from a longitudinal cohort study of older adult Australians. <i>Aging, Neuropsychology, and Cognition</i> , 2022, 29, 121-138.	0.7	6
85	The Prevalence of Mild Cognitive Impairment in Diverse Geographical and Ethnocultural Regions: The COSMIC Collaboration. <i>PLoS ONE</i> , 2015, 10, e0142388.	1.1	5
86	The relationship between voxel-based metrics of resting state functional connectivity and cognitive performance in cognitively healthy elderly adults. <i>Brain Imaging and Behavior</i> , 2018, 12, 1742-1758.	1.1	4
87	Difference in distribution functions: A new diffusion weighted imaging metric for estimating white matter integrity. <i>NeuroImage</i> , 2021, 240, 118381.	2.1	4
88	Injury-related hospitalisation in community-dwelling older people across the cognitive spectrum: A population based study. <i>Archives of Gerontology and Geriatrics</i> , 2019, 83, 155-160.	1.4	3
89	Factors associated with odour identification in older Indonesian and white Australian adults. <i>Aging Clinical and Experimental Research</i> , 2020, 32, 215-221.	1.4	3
90	Clinical investigation of dynamic and enduring aspects of global cognition in aged population. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13681.	1.7	3

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91	Association of adherence to the Australian Dietary Guidelines with cognitive performance and cognitive decline in the Sydney Memory and Ageing Study: a longitudinal analysis. <i>Journal of Nutritional Science</i> , 2021, 10, e86.	0.7	3
92	Surgical Hospitalization Is Not Associated With Cognitive Trajectory Over 6 Years in Healthy Older Australians. <i>Journal of the American Medical Directors Association</i> , 2022, 23, 608-615.	1.2	3
93	Comparison of Computerised and Pencil-and-Paper Neuropsychological Assessments in Older Culturally and Linguistically Diverse Australians. <i>Journal of the International Neuropsychological Society</i> , 2022, 28, 1050-1063.	1.2	3
94	Alternation in Effective Connectivity With Cognitive Aging: A Longitudinal Study of Elderly Populations. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 755931.	1.7	2
95	Memory decline in older individuals predicts an objective indicator of oral health: findings from the Sydney Memory and Ageing Study. <i>BMC Oral Health</i> , 2022, 22, 93.	0.8	2
96	Fully-Online, Interoperable Clinical Trial Management System for Multi-Interventional RCT: Maintain Your Brain Digital Platform. <i>Studies in Health Technology and Informatics</i> , 2020, 268, 97-112.	0.2	2
97	P4-157: INTRA-INDIVIDUAL VARIABILITY OF REACTION TIME PERFORMANCE IS A SENSITIVE MARKER OF MORTALITY RISK IN OLD AGE: FINDINGS FROM THE SYDNEY MEMORY AND AGEING STUDY. , 2014, 10, P847-P847.		1
98	P1-388: Incidence of MCI and Dementia Over Six Years in an Australian Population Sample. <i>Alzheimer's and Dementia</i> , 2016, 12, P581.	0.4	1
99	P4-153: Subjective Cognitive Decline and Progression to Dementia Due to AD and Non-AD in Memory Clinic and Community-Based Cohorts. <i>Alzheimer's and Dementia</i> , 2016, 12, P1073.	0.4	1
100	P4-235: Cognitive Decline and Effects of Sex, Education and Apolipoprotein E Genotype on Cognitive Performance in Diverse Ethno-Cultural and Geographical Regions Internationally: The Cosmic Collaboration. <i>Alzheimer's and Dementia</i> , 2016, 12, P1119.	0.4	1
101	O4-02-02: Mri Markers of Dementia in the Eighth to Eleventh Decades of Life. , 2016, 12, P334-P335.		1
102	P2-307: THE EFFECT OF ALCOHOL CONSUMPTION AND APOLIPOPROTEIN E (APOE) 4 STATUS ON INCIDENT DEMENTIA OVER 4-YEARS IN THE SYDNEY MEMORY AND AGEING STUDY. , 2014, 10, P591-P591.		0
103	P2-242: THE NEURO-NORMS CALCULATOR FOR OLDER ADULTS: DEMOGRAPHICALLY ADJUSTED NORMATIVE DATA AND STATISTICAL ANALYSIS OF NEUROPSYCHOLOGICAL TEST PERFORMANCE. , 2014, 10, P564-P565.		0
104	O1-01-05: Brain changes on structural MRI from the eighth to eleventh decades of life. , 2015, 11, P125-P126.		0
105	P3-128: Plasma Apolipoproteins and Physical And Cognitive Health in Very Old Individuals. , 2016, 12, P868-P868.		0
106	P2-321: Influence of Linguistic and Acculturation Characteristics on Traditional and Computerised Neuropsychological Test Performances in Non-Native Proficient English Speakers from the Sydney Memory and Ageing Study. <i>Alzheimer's and Dementia</i> , 2016, 12, P762.	0.4	0
107	P2-428: Risk Factors for MCI and Dementia Over 6 Years: The Sydney Memory and Ageing Study. , 2016, 12, P808-P809.		0
108	O4-06-05: MCI Diagnosis: Less is More. , 2016, 12, P346-P346.		0

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109	Response to: English Language Proficiency, Hearing Impairment, and Functional Change in Mild Cognitive Impairment. American Journal of Geriatric Psychiatry, 2017, 25, 1293-1294.	0.6	0
110	S1-01-01: APPROACHES TO HARMONIZE NEUROPSYCHOLOGICAL DATA ACROSS STUDIES. , 2018, 14, P198-P198.		0
111	Title is missing!. , 2020, 15, e0232961.		0
112	Title is missing!. , 2020, 15, e0232961.		0
113	Title is missing!. , 2020, 15, e0232961.		0
114	Title is missing!. , 2020, 15, e0232961.		0