

# Kumar B Rajan

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

56  
papers

1,545  
citations

19  
h-index

39  
g-index

63  
ext. papers

2,238  
ext. citations

5.1  
avg, IF

4.76  
L-index

#	Paper	IF	Citations
56	Genome-wide analysis identifies 12 loci influencing human reproductive behavior. <i>Nature Genetics</i> , <b>2016</b> , 48, 1462-1472	36.3	198
55	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , <b>2018</b> , 103, 691-706	11	151
54	Novel genetic loci underlying human intracranial volume identified through genome-wide association. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 1569-1582	25.5	147
53	Cognitive Aging in Black and White Americans: Cognition, Cognitive Decline, and Incidence of Alzheimer Disease Dementia. <i>Epidemiology</i> , <b>2018</b> , 29, 151-159	3.1	132
52	Cognitive impairment 18 years before clinical diagnosis of Alzheimer disease dementia. <i>Neurology</i> , <b>2015</b> , 85, 898-904	6.5	128
51	Prevalence and incidence of clinically diagnosed Alzheimer's disease dementia from 1994 to 2012 in a population study. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 1-7	1.2	91
50	Disability in basic and instrumental activities of daily living is associated with faster rate of decline in cognitive function of older adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2013</b> , 68, 624-30	6.4	67
49	Population estimate of people with clinical Alzheimer's disease and mild cognitive impairment in the United States (2020-2060). <i>Alzheimer's and Dementia</i> , <b>2021</b> ,	1.2	57
48	Healthy lifestyle and the risk of Alzheimer dementia: Findings from 2 longitudinal studies. <i>Neurology</i> , <b>2020</b> , 95, e374-e383	6.5	49
47	Association of cognitive functioning, incident stroke, and mortality in older adults. <i>Stroke</i> , <b>2014</b> , 45, 2563-7	3.7	39
46	A Common DIO2 Polymorphism and Alzheimer Disease Dementia in African and European Americans. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 1818-1826	5.6	37
45	Effects of social network diversity on mortality, cognition and physical function in the elderly: a longitudinal analysis of the Chicago Health and Aging Project (CHAP). <i>Journal of Epidemiology and Community Health</i> , <b>2018</b> , 72, 990-996	5.1	34
44	Racial Differences in the Association Between Apolipoprotein E Risk Alleles and Overall and Total Cardiovascular Mortality Over 18 Years. <i>Journal of the American Geriatrics Society</i> , <b>2017</b> , 65, 2425-2430	5.6	26
43	Remote Blood Biomarkers of Longitudinal Cognitive Outcomes in a Population Study. <i>Annals of Neurology</i> , <b>2020</b> , 88, 1065-1076	9.4	26
42	Impact of glycemic variability and hypoglycemia on adverse hospital outcomes in non-critically ill patients. <i>Diabetes Research and Clinical Practice</i> , <b>2014</b> , 103, 437-43	7.4	24
41	Gene-environment interaction of body mass index and apolipoprotein E $\epsilon$ 4 allele on cognitive decline. <i>Alzheimer Disease and Associated Disorders</i> , <b>2014</b> , 28, 134-40	2.5	24
40	Impact of an Individualized Physical Activity Intervention on Improving Mental Health Outcomes in Family Caregivers of Persons with Dementia: A Randomized Controlled Trial. <i>AIMS Medical Science</i> , <b>2016</b> , 3, 15-31	0.4	24

39	Cognitive decline following incident and preexisting diabetes mellitus in a population sample. <i>Neurology</i> , <b>2016</b> , 87, 1681-1687	6.5	21
38	Secular Trends in Cognitive Performance in Older Black and White U.S. Adults, 1993-2012: Findings From the Chicago Health and Aging Project. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , <b>2018</b> , 73, S73-S81	4.6	20
37	Self-reported posttraumatic growth predicts greater subsequent posttraumatic stress amidst war and terrorism. <i>Anxiety, Stress and Coping</i> , <b>2017</b> , 30, 176-187	3.1	19
36	Utility of intraoperative frozen sections in surgical decision making for acute invasive fungal rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , <b>2017</b> , 7, 502-507	6.3	18
35	Cognitive and physical functions as determinants of delayed age at onset and progression of disability. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2012</b> , 67, 1419-26	6.4	18
34	Apolipoprotein E Genotypes, Age, Race, and Cognitive Decline in a Population Sample. <i>Journal of the American Geriatrics Society</i> , <b>2019</b> , 67, 734-740	5.6	17
33	Blood pressure and risk of incident Alzheimer's disease dementia by antihypertensive medications and APOE $\epsilon$ allele. <i>Annals of Neurology</i> , <b>2018</b> , 83, 935-944	9.4	13
32	Joint modeling of missing data due to non-participation and death in longitudinal aging studies. <i>Statistics in Medicine</i> , <b>2010</b> , 29, 2260-8	2.3	13
31	Impact of Femoroacetabular Impingement Morphology on Gait Assessment in Symptomatic Patients. <i>Sports Health</i> , <b>2015</b> , 7, 429-36	4.7	12
30	Race, APOE $\epsilon$ 4, and Long-Term Cognitive Trajectories in a Biracial Population Sample. <i>Journal of Alzheimer's Disease</i> , <b>2019</b> , 72, 45-53	4.3	12
29	Effect of Moderate to Vigorous Physical Activity Intervention on Improving Dementia Family Caregiver Physical Function: A Randomized Controlled Trial <b>2016</b> , 6,		11
28	Blood-Brain Barrier Crossing Renin-Angiotensin Drugs and Cognition in the Elderly: A Meta-Analysis. <i>Hypertension</i> , <b>2021</b> , 78, 629-643	8.5	11
27	Role of APOE $\epsilon$ Allele and Incident Stroke on Cognitive Decline and Mortality. <i>Alzheimer Disease and Associated Disorders</i> , <b>2016</b> , 30, 318-323	2.5	10
26	Episodic memory performance in a multi-ethnic longitudinal study of 13,037 elderly. <i>PLoS ONE</i> , <b>2018</b> , 13, e0206803	3.7	10
25	Starch-entrapped microsphere fibers improve bowel habit but do not exhibit prebiotic capacity in those with unsatisfactory bowel habits: a phase I, randomized, double-blind, controlled human trial. <i>Nutrition Research</i> , <b>2017</b> , 44, 27-37	4	9
24	An Open Trial of Morning Bright Light Treatment Among US Military Veterans with Chronic Low Back Pain: A Pilot Study. <i>Pain Medicine</i> , <b>2019</b> , 20, 770-778	2.8	9
23	Long-term community noise exposure in relation to dementia, cognition, and cognitive decline in older adults. <i>Alzheimer's and Dementia</i> , <b>2021</b> , 17, 525-533	1.2	9
22	Physical and Cognitive Activities as Deterrents of Cognitive Decline in a Biracial Population Sample. <i>American Journal of Geriatric Psychiatry</i> , <b>2015</b> , 23, 1225-1233	6.5	8

21	Rate of Cognitive Decline Before and After the Onset of Functional Limitations in Older Persons. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2015</b> , 70, 1221-5	6.4	6
20	Racial Differences in Cognitive Function and Risk of Incident Stroke. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2015</b> , 24, 2854-9	2.8	6
19	Temporal changes in the likelihood of dementia and MCI over 18 years in a population sample. <i>Neurology</i> , <b>2020</b> , 94, e292-e298	6.5	6
18	Do the Morningness-Eveningness Questionnaire and Munich ChronoType Questionnaire Change After Morning Light Treatment?. <i>Sleep Science and Practice</i> , <b>2018</b> , 2,	1.2	6
17	Longitudinal Association of Total Tau Concentrations and Physical Activity With Cognitive Decline in a Population Sample. <i>JAMA Network Open</i> , <b>2021</b> , 4, e2120398	10.4	6
16	APOE $\epsilon$ 4 and depression: following a winding road. <i>Biological Psychiatry</i> , <b>2015</b> , 78, 670-1	7.9	4
15	Healthy lifestyle and life expectancy with and without Alzheimer's dementia: population based cohort study.. <i>BMJ, The</i> , <b>2022</b> , 377, e068390	5.9	4
14	Terminal decline of episodic memory and perceptual speed in a biracial population. <i>Aging, Neuropsychology, and Cognition</i> , <b>2018</b> , 25, 378-389	2.1	3
13	Impact of the Apolipoprotein E $\epsilon$ 4 Allele on the Relationship Between Healthy Lifestyle and Cognitive Decline: A Population-Based Study. <i>American Journal of Epidemiology</i> , <b>2021</b> , 190, 1225-1233	3.8	3
12	Genetic risk, adherence to a healthy lifestyle, and cognitive decline in African Americans and European Americans. <i>Alzheimers and Dementia</i> , <b>2021</b> ,	1.2	3
11	Aging Audiences: Association of Live Performance Attendance and Cognitive Decline in a Biracial Sample. <i>Journal of Aging and Health</i> , <b>2018</b> , 30, 445-457	2.6	2
10	Semi-parametric area under the curve regression method for diagnostic studies with ordinal data. <i>Biometrical Journal</i> , <b>2012</b> , 54, 143-56	1.5	1
9	APOE4, lifestyle factors, and cognitive decline: A population-based cohort study. <i>Alzheimers and Dementia</i> , <b>2020</b> , 16, e043228	1.2	0
8	APOE Effects on Late Life Cognitive Trajectories in Diverse Racial/Ethnic Groups.. <i>Journal of the International Neuropsychological Society</i> , <b>2022</b> , 1-10	3.1	0
7	Examination of Neurofilament Light Chain Serum Concentrations, Physical Activity, and Cognitive Decline in Older Adults.. <i>JAMA Network Open</i> , <b>2022</b> , 5, e223596	10.4	0
6	Association of Subjective Memory Complaints With White Matter Hyperintensities and Cognitive Decline Among Older Adults in Chicago, Illinois.. <i>JAMA Network Open</i> , <b>2022</b> , 5, e227512	10.4	0
5	0863 Morning Bright Light Treatment Improves Function and Reduces Pain Sensitivity in Veterans with Chronic Low Back Pain. <i>Sleep</i> , <b>2019</b> , 42, A346-A346	1.1	
4	Effect of sex and physical and cognitive activities on cognitive reserve in a cohort of ethnically diverse, community-dwelling older adults. <i>Alzheimers and Dementia</i> , <b>2020</b> , 16, e044599	1.2	

- 3 Sex differences in the association of APOE E4 allele and cognitive decline in a biracial population sample. *Alzheimers and Dementia*, **2020**, 16, e046743 1.2
- 2 P4-260: Effect of Activities, Social Environment, and Psychotropic Medication Use on Behavioral Symptoms of Nursing Home Residents With Dementia **2016**, 12, P1130-P1130
- 1 O2-05-05: Explaining the Attenuated Association of the APOE E4 Allele with Incident Alzheimer's Disease in Older African Americans **2016**, 12, P235-P235