

# Katherine P Rankin

## List of Publications by Year in descending order

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Version: 2024-02-01

93  
papers

16,489  
citations

101543

36  
h-index

46799

89  
g-index

102  
all docs

102  
docs citations

102  
times ranked

14401  
citing authors

#	ARTICLE	IF	CITATIONS
1	NIAâ€ˆAA Research Framework: Toward a biological definition of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2018, 14, 535-562.	0.8	5,861
2	Sensitivity of revised diagnostic criteria for the behavioural variant of frontotemporal dementia. <i>Brain</i> , 2011, 134, 2456-2477.	7.6	3,913
3	Cognition and anatomy in three variants of primary progressive aphasia. <i>Annals of Neurology</i> , 2004, 55, 335-346.	5.3	1,362
4	Structural anatomy of empathy in neurodegenerative disease. <i>Brain</i> , 2006, 129, 2945-2956.	7.6	487
5	The Diagnostic Challenge of Psychiatric Symptoms in Neurodegenerative Disease. <i>Journal of Clinical Psychiatry</i> , 2011, 72, 126-133.	2.2	387
6	Clinicopathological correlations in behavioural variant frontotemporal dementia. <i>Brain</i> , 2017, 140, 3329-3345.	7.6	226
7	Detecting sarcasm from paralinguistic cues: Anatomic and cognitive correlates in neurodegenerative disease. <i>NeuroImage</i> , 2009, 47, 2005-2015.	4.2	194
8	NIH EXAMINER: Conceptualization and Development of an Executive Function Battery. <i>Journal of the International Neuropsychological Society</i> , 2014, 20, 11-19.	1.8	190
9	Anterior temporal lobe degeneration produces widespread network-driven dysfunction. <i>Brain</i> , 2013, 136, 2979-2991.	7.6	184
10	Frontotemporal dementia due to <i>C9ORF72</i> mutations. <i>Neurology</i> , 2012, 79, 1002-1011.	1.1	183
11	The salience network causally influences default mode network activity during moral reasoning. <i>Brain</i> , 2013, 136, 1929-1941.	7.6	180
12	Atypical, slowly progressive behavioural variant frontotemporal dementia associated with <i>C9ORF72</i> hexanucleotide expansion. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 358-364.	1.9	172
13	Neural basis of interpersonal traits in neurodegenerative diseases. <i>Neuropsychologia</i> , 2009, 47, 2812-2827.	1.6	156
14	Double dissociation of social functioning in frontotemporal dementia. <i>Neurology</i> , 2003, 60, 266-271.	1.1	152
15	Comprehension of insincere communication in neurodegenerative disease: Lies, sarcasm, and theory of mind. <i>Cortex</i> , 2012, 48, 1329-1341.	2.4	150
16	Heightened emotional contagion in mild cognitive impairment and Alzheimerâ€™s disease is associated with temporal lobe degeneration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9944-9949.	7.1	133
17	Distinct Subtypes of Behavioral Variant Frontotemporal Dementia Based on Patterns of Network Degeneration. <i>JAMA Neurology</i> , 2016, 73, 1078.	9.0	115
18	Criminal Behavior in Frontotemporal Dementia and Alzheimer Disease. <i>JAMA Neurology</i> , 2015, 72, 295.	9.0	113

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19	Role of right pregenual anterior cingulate cortex in self-conscious emotional reactivity. <i>Social Cognitive and Affective Neuroscience</i> , 2013, 8, 468-474.	3.0	96
20	Self-awareness in neurodegenerative disease relies on neural structures mediating reward-driven attention. <i>Brain</i> , 2014, 137, 2368-2381.	7.6	95
21	Neurons selectively targeted in frontotemporal dementia reveal early stage TDP-43 pathobiology. <i>Acta Neuropathologica</i> , 2019, 137, 27-46.	7.7	87
22	A tensor based morphometry study of longitudinal gray matter contraction in FTD. <i>NeuroImage</i> , 2007, 35, 998-1003.	4.2	84
23	Emotion recognition in frontotemporal dementia and Alzheimer's disease: A new film-based assessment. <i>Emotion</i> , 2015, 15, 416-427.	1.8	81
24	Increased prevalence of autoimmune disease within C9 and FTD/MND cohorts. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016, 3, e301.	6.0	78
25	Tracking emotional valence: The role of the orbitofrontal cortex. <i>Human Brain Mapping</i> , 2012, 33, 753-762.	3.6	76
26	Personality and social cognition in neurodegenerative disease. <i>Current Opinion in Neurology</i> , 2011, 24, 550-555.	3.6	75
27	Cognition and neuropsychiatry in behavioral variant frontotemporal dementia by disease stage. <i>Neurology</i> , 2016, 86, 600-610.	1.1	73
28	Reading words and other people: A comparison of exception word, familiar face and affect processing in the left and right temporal variants of primary progressive aphasia. <i>Cortex</i> , 2016, 82, 147-163.	2.4	72
29	Deconstructing empathy: Neuroanatomical dissociations between affect sharing and prosocial motivation using a patient lesion model. <i>Neuropsychologia</i> , 2018, 116, 126-135.	1.6	68
30	Individual differences in socioemotional sensitivity are an index of salience network function. <i>Cortex</i> , 2018, 103, 211-223.	2.4	66
31	The Brain Health Assessment for Detecting and Diagnosing Neurocognitive Disorders. <i>Journal of the American Geriatrics Society</i> , 2018, 66, 150-156.	2.6	65
32	Psychosis in neurodegenerative disease: differential patterns of hallucination and delusion symptoms. <i>Brain</i> , 2021, 144, 999-1012.	7.6	61
33	Neurophysiological signatures in Alzheimer's disease are distinctly associated with TAU, amyloid- $\beta^2$ accumulation, and cognitive decline. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	59
34	Neural substrates of socioemotional self-awareness in neurodegenerative disease. <i>Brain and Behavior</i> , 2014, 4, 201-214.	2.2	55
35	Spontaneous Social Behaviors Discriminate Behavioral Dementias From Psychiatric Disorders and Other Dementias. <i>Journal of Clinical Psychiatry</i> , 2008, 69, 60-73.	2.2	55
36	Visuospatial Functioning in the Primary Progressive Aphasias. <i>Journal of the International Neuropsychological Society</i> , 2018, 24, 259-268.	1.8	53

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37	Altered excitatory and inhibitory neuronal subpopulation parameters are distinctly associated with tau and amyloid in Alzheimer's disease. <i>ELife</i> , 0, 11, .	6.0	45
38	Interpersonal traits change as a function of disease type and severity in degenerative brain diseases. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 732-739.	1.9	39
39	Impaired Recognition and Regulation of Disgust Is Associated with Distinct but Partially Overlapping Patterns of Decreased Gray Matter Volume in the Ventroanterior Insula. <i>Biological Psychiatry</i> , 2015, 78, 505-514.	1.3	38
40	Emotion detection deficits and changes in personality traits linked to loss of white matter integrity in primary progressive aphasia. <i>NeuroImage: Clinical</i> , 2017, 16, 447-454.	2.7	38
41	Individualized atrophy scores predict dementia onset in familial frontotemporal lobar degeneration. <i>Alzheimer's and Dementia</i> , 2020, 16, 37-48.	0.8	38
42	Dementia assessment and management in primary care settings: a survey of current provider practices in the United States. <i>BMC Health Services Research</i> , 2019, 19, 919.	2.2	37
43	Salience Network Atrophy Links Neuron Type-Specific Pathobiology to Loss of Empathy in Frontotemporal Dementia. <i>Cerebral Cortex</i> , 2020, 30, 5387-5399.	2.9	37
44	A neural network underlying intentional emotional facial expression in neurodegenerative disease. <i>NeuroImage: Clinical</i> , 2017, 14, 672-678.	2.7	35
45	Sex differences in the behavioral variant of frontotemporal dementia: A new window to executive and behavioral reserve. <i>Alzheimer's and Dementia</i> , 2021, 17, 1329-1341.	0.8	34
46	Right temporal degeneration and socioemotional semantics: semantic behavioural variant frontotemporal dementia. <i>Brain</i> , 2022, 145, 4080-4096.	7.6	34
47	Predicting amyloid status in corticobasal syndrome using modified clinical criteria, magnetic resonance imaging and fluorodeoxyglucose positron emission tomography. <i>Alzheimer's Research and Therapy</i> , 2015, 7, 8.	6.2	32
48	Assessment of executive function declines in presymptomatic and mildly symptomatic familial frontotemporal dementia: NIH's EXAMINER as a potential clinical trial endpoint. <i>Alzheimer's and Dementia</i> , 2020, 16, 11-21.	0.8	32
49	Proposed research criteria for prodromal behavioural variant frontotemporal dementia. <i>Brain</i> , 2022, 145, 1079-1097.	7.6	30
50	Enhanced Positive Emotional Reactivity Undermines Empathy in Behavioral Variant Frontotemporal Dementia. <i>Frontiers in Neurology</i> , 2018, 9, 402.	2.4	29
51	Prosocial deficits in behavioral variant frontotemporal dementia relate to reward network atrophy. <i>Brain and Behavior</i> , 2017, 7, e00807.	2.2	27
52	Clinical and volumetric changes with increasing functional impairment in familial frontotemporal lobar degeneration. <i>Alzheimer's and Dementia</i> , 2020, 16, 49-59.	0.8	27
53	Brain Networks Supporting Social Cognition in Dementia. <i>Current Behavioral Neuroscience Reports</i> , 2020, 7, 203-211.	1.3	27
54	Neuronal synchrony abnormalities associated with subclinical epileptiform activity in early-onset Alzheimer's disease. <i>Brain</i> , 2022, 145, 744-753.	7.6	25

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55	Schizophrenia or Neurodegenerative Disease Prodrome? Outcome of a First Psychotic Episode in a 35-Year-Old Woman. <i>Psychosomatics</i> , 2012, 53, 280-284.	2.5	24
56	Right fronto-limbic atrophy is associated with reduced empathy in refractory unilateral mesial temporal lobe epilepsy. <i>Neuropsychologia</i> , 2015, 78, 80-87.	1.6	24
57	“Alzheimer's disease” is neither “Alzheimer's clinical syndrome” nor “dementia”. <i>Alzheimer's and Dementia</i> , 2019, 15, 153-157.	0.8	23
58	Intrinsic connectivity networks in posterior cortical atrophy: A role for the pulvinar?. <i>NeuroImage: Clinical</i> , 2019, 21, 101628.	2.7	22
59	Neural basis of motivational approach and withdrawal behaviors in neurodegenerative disease. <i>Brain and Behavior</i> , 2015, 5, e00350.	2.2	18
60	Divergent patterns of loss of interpersonal warmth in frontotemporal dementia syndromes are predicted by altered intrinsic network connectivity. <i>NeuroImage: Clinical</i> , 2019, 22, 101729.	2.7	17
61	State and trait characteristics of anterior insula time-varying functional connectivity. <i>NeuroImage</i> , 2020, 208, 116425.	4.2	17
62	Reduced synchrony in alpha oscillations during life predicts <i>post mortem</i> neurofibrillary tangle density in early-onset and atypical Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021, 17, 2009-2019.	0.8	17
63	Measuring Behavior and Social Cognition in FTLD. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1281, 51-65.	1.6	16
64	Relationship Turmoil and Emotional Empathy in Frontotemporal Dementia. <i>Alzheimer Disease and Associated Disorders</i> , 2019, 33, 260-265.	1.3	15
65	Empathy and its associations with age and sociodemographic characteristics in a large UK population sample. <i>PLoS ONE</i> , 2021, 16, e0257557.	2.5	15
66	Resting functional connectivity in the semantic appraisal network predicts accuracy of emotion identification. <i>NeuroImage: Clinical</i> , 2021, 31, 102755.	2.7	15
67	Neural substrates of spontaneous narrative production in focal neurodegenerative disease. <i>Neuropsychologia</i> , 2015, 79, 158-171.	1.6	14
68	Tracking white matter degeneration in asymptomatic and symptomatic MAPT mutation carriers. <i>Neurobiology of Aging</i> , 2019, 83, 54-62.	3.1	14
69	Factors that predict diagnostic stability in neurodegenerative dementia. <i>Journal of Neurology</i> , 2019, 266, 1998-2009.	3.6	14
70	What Do We Mean by Behavioral Disinhibition in Frontotemporal Dementia?. <i>Frontiers in Neurology</i> , 2021, 12, 707799.	2.4	14
71	Genetic Prion Disease Caused by PRNP Q160X Mutation Presenting with an Orbitofrontal Syndrome, Cyclic Diarrhea, and Peripheral Neuropathy. <i>Journal of Alzheimer's Disease</i> , 2016, 55, 249-258.	2.6	13
72	BHA“CS: A novel cognitive composite for Alzheimer's disease and related disorders. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020, 12, e12042.	2.4	12

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73	Recognition memory and divergent cognitive profiles in prodromal genetic frontotemporal dementia. <i>Cortex</i> , 2021, 139, 99-115.	2.4	12
74	Neuropsychological correlates of dominance, warmth, and extraversion in neurodegenerative disease. <i>Cortex</i> , 2012, 48, 674-682.	2.4	11
75	The Neural Correlates of Impaired Self-Monitoring Among Individuals With Neurodegenerative Dementias. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2019, 31, 201-209.	1.8	11
76	Saliency driven attention is pivotal to understanding others'™ intentions. <i>Cognitive Neuropsychology</i> , 2021, 38, 88-106.	1.1	11
77	Detecting Alzheimer's™ disease biomarkers with a brief tablet-based cognitive battery: sensitivity to A $\beta$ and tau PET. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 36.	6.2	10
78	Influence of periaqueductal gray on other saliency network nodes predicts social sensitivity. <i>Human Brain Mapping</i> , 2022, 43, 1694-1709.	3.6	8
79	The 5-HTTLPR variant in the serotonin transporter gene modifies degeneration of brain regions important for emotion in behavioral variant frontotemporal dementia. <i>NeuroImage: Clinical</i> , 2015, 9, 283-290.	2.7	7
80	Frequency of frontotemporal dementia gene variants in <em></em>C9ORF72</em>, <em></em>MAPT</em>, and <em></em>GRN</em> in academic versus commercial laboratory cohorts. <i>Advances in Genomics and Genetics</i> , 2018, Volume 8, 23-33.	0.8	7
81	Social Behavior Observer Checklist: Patterns of Spontaneous Behaviors Differentiate Patients With Neurodegenerative Disease From Healthy Older Adults. <i>Frontiers in Neurology</i> , 2021, 12, 683162.	2.4	6
82	Building a Precision Medicine Delivery Platform for Clinics: The University of California, San Francisco, BRIDGE Experience. <i>Journal of Medical Internet Research</i> , 2022, 24, e34560.	4.3	6
83	Primary Care Provider Attitudes and Practices Evaluating and Managing Patients with Neurocognitive Disorders. <i>Journal of General Internal Medicine</i> , 2019, 34, 1691-1692.	2.6	5
84	Lessons from Detecting Cognitive Impairment Including Dementia (DetectCID) in Primary Care. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 655-665.	2.6	5
85	A biomedical open knowledge network harnesses the power of AI to understand deep human biology. <i>AI Magazine</i> , 2022, 43, 46-58.	1.6	5
86	Neuroanatomy of Shared Conversational Laughter in Neurodegenerative Disease. <i>Frontiers in Neurology</i> , 2018, 9, 464.	2.4	4
87	Relative preservation of facial expression recognition in posterior cortical atrophy. <i>Neurology</i> , 2019, 92, e1064-e1071.	1.1	4
88	Early-onset Alzheimer's™ disease versus frontotemporal dementia: resolution with genetic diagnoses?. <i>Neurocase</i> , 2016, 22, 161-167.	0.6	3
89	Computationally derived anatomic subtypes of behavioral variant frontotemporal dementia show temporal stability and divergent patterns of longitudinal atrophy. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12183.	2.4	2
90	Diminished preparatory physiological responses in frontotemporal lobar degeneration syndromes. <i>Brain Communications</i> , 2022, 4, fcac075.	3.3	2

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91	Enhancing Clinical Information Display to Improve Patient Encounters: Human-Centered Design and Evaluation of the Parkinson Disease-BRIDGE Platform. <i>JMIR Human Factors</i> , 2022, 9, e33967.	2.0	2
92	Right uncinate fasciculus supports socioemotional sensitivity in health and neurodegenerative disease. <i>NeuroImage: Clinical</i> , 2022, 34, 102994.	2.7	1
93	Sensitivity of the Social Behavior Observer Checklist to Early Symptoms of Patients With Frontotemporal Dementia. <i>Neurology</i> , 2022, , 10.1212/WNL.0000000000200582.	1.1	0