

# David N Kennedy

## 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.

81  
papers

13,105  
citations

33  
h-index

105  
g-index

105  
ext. papers

15,566  
ext. citations

4.9  
avg, IF

5.64  
L-index

#	Paper	IF	Citations
81	Whole brain segmentation: automated labeling of neuroanatomical structures in the human brain. <i>Neuron</i> , <b>2002</b> , 33, 341-55	13.9	5627
80	A Bayesian model of shape and appearance for subcortical brain segmentation. <i>NeuroImage</i> , <b>2011</b> , 56, 907-22	7.9	1531
79	Family income, parental education and brain structure in children and adolescents. <i>Nature Neuroscience</i> , <b>2015</b> , 18, 773-8	25.5	686
78	A functional MRI study of subjects recovered from hemiparetic stroke. <i>Stroke</i> , <b>1997</b> , 28, 2518-27	6.7	683
77	Functional cerebral imaging by susceptibility-contrast NMR. <i>Magnetic Resonance in Medicine</i> , <b>1990</b> , 14, 538-46	4.4	453
76	Structural brain magnetic resonance imaging of limbic and thalamic volumes in pediatric bipolar disorder. <i>American Journal of Psychiatry</i> , <b>2005</b> , 162, 1256-65	11.9	439
75	Neuroanatomical assessment of biological maturity. <i>Current Biology</i> , <b>2012</b> , 22, 1693-8	6.3	253
74	MRI-Based Topographic Parcellation of Human Neocortex: An Anatomically Specified Method with Estimate of Reliability. <i>Journal of Cognitive Neuroscience</i> , <b>1996</b> , 8, 566-87	3.1	236
73	Left hippocampal volume as a vulnerability indicator for schizophrenia: a magnetic resonance imaging morphometric study of nonpsychotic first-degree relatives. <i>Archives of General Psychiatry</i> , <b>2002</b> , 59, 839-49		217
72	A twin MRI study of size variations in human brain. <i>Journal of Cognitive Neuroscience</i> , <b>2000</b> , 12, 223-32	3.1	200
71	The Pediatric Imaging, Neurocognition, and Genetics (PING) Data Repository. <i>NeuroImage</i> , <b>2016</b> , 124, 1149-1154	7.9	177
70	Data sharing in neuroimaging research. <i>Frontiers in Neuroinformatics</i> , <b>2012</b> , 6, 9	3.9	171
69	Motion detection and correction in functional MR imaging. <i>Human Brain Mapping</i> , <b>1995</b> , 3, 224-235	5.9	155
68	An evaluation of four automatic methods of segmenting the subcortical structures in the brain. <i>NeuroImage</i> , <b>2009</b> , 47, 1435-47	7.9	148
67	The neuroscience information framework: a data and knowledge environment for neuroscience. <i>Neuroinformatics</i> , <b>2008</b> , 6, 149-60	3.2	148
66	Connectivity in Autism: A Review of MRI Connectivity Studies. <i>Harvard Review of Psychiatry</i> , <b>2015</b> , 23, 223-44	4.1	134
65	Magnetic resonance imaging-based brain morphometry: development and application to normal subjects. <i>Annals of Neurology</i> , <b>1989</b> , 25, 61-7	9.4	121

64	The NIH Toolbox Cognition Battery: results from a large normative developmental sample (PING). <i>Neuropsychology</i> , <b>2014</b> , 28, 1-10	3.8	120
63	New human-specific brain landmark: the depth asymmetry of superior temporal sulcus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 1208-13	11.5	112
62	Cocaine decreases cortical cerebral blood flow but does not obscure regional activation in functional magnetic resonance imaging in human subjects. <i>Journal of Cerebral Blood Flow and Metabolism</i> , <b>1998</b> , 18, 724-34	7.3	108
61	Diagnostic and sex effects on limbic volumes in early-onset bipolar disorder and schizophrenia. <i>Schizophrenia Bulletin</i> , <b>2008</b> , 34, 37-46	1.3	90
60	The selective impairment of the perception of first-order motion by unilateral cortical brain damage. <i>Visual Neuroscience</i> , <b>1998</b> , 15, 333-48	1.7	81
59	Reduced subcortical brain volumes in nonpsychotic siblings of schizophrenic patients: a pilot magnetic resonance imaging study. <i>American Journal of Medical Genetics Part A</i> , <b>1997</b> , 74, 507-14		79
58	Towards effective and rewarding data sharing. <i>Neuroinformatics</i> , <b>2003</b> , 1, 289-95	3.2	63
57	Perception of first- and second-order motion: separable neurological mechanisms?. <i>Human Brain Mapping</i> , <b>1999</b> , 7, 67-77	5.9	62
56	Human cerebellum: surface-assisted cortical parcellation and volumetry with magnetic resonance imaging. <i>Journal of Cognitive Neuroscience</i> , <b>2003</b> , 15, 584-99	3.1	60
55	The NITRC image repository. <i>NeuroImage</i> , <b>2016</b> , 124, 1069-1073	7.9	50
54	Neuroanatomical Segmentation in MRI: Technological Objectives. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , <b>1997</b> , 11, 1161-1187	1.1	49
53	Association of common genetic variants in GPCPD1 with scaling of visual cortical surface area in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 3985-90	11.5	43
52	Everything Matters: The ReproNim Perspective on Reproducible Neuroimaging. <i>Frontiers in Neuroinformatics</i> , <b>2019</b> , 13, 1	3.9	42
51	Gray matter maturation and cognition in children with different APOE ε genotypes. <i>Neurology</i> , <b>2016</b> , 87, 585-94	6.5	39
50	Duration of untreated psychosis is associated with temporal and occipitotemporal gray matter volume decrease in treatment naïve schizophrenia. <i>PLoS ONE</i> , <b>2013</b> , 8, e83679	3.7	39
49	The Resource Identification Initiative: A cultural shift in publishing. <i>F1000Research</i> , <b>2015</b> , 4, 134	3.6	39
48	A data citation roadmap for scholarly data repositories. <i>Scientific Data</i> , <b>2019</b> , 6, 28	8.2	33
47	Serum levels of BDNF, folate and homocysteine: in relation to hippocampal volume and psychopathology in drug naïve, first episode schizophrenia. <i>Schizophrenia Research</i> , <b>2014</b> , 159, 51-5	3.6	33

46	Anxiety is related to indices of cortical maturation in typically developing children and adolescents. <i>Brain Structure and Function</i> , <b>2016</b> , 221, 3013-25	4	32
45	CANDIShare: a resource for pediatric neuroimaging data. <i>Neuroinformatics</i> , <b>2012</b> , 10, 319-22	3.2	32
44	Larger brain and white matter volumes in children with developmental language disorder. <i>Developmental Science</i> , <b>2003</b> , 6, F11-F22	4.5	32
43	Decreased cortical thickness in drug naïve first episode schizophrenia: in relation to serum levels of BDNF. <i>Journal of Psychiatric Research</i> , <b>2015</b> , 60, 22-8	5.2	29
42	Genome-wide association study of proneness to anger. <i>PLoS ONE</i> , <b>2014</b> , 9, e87257	3.7	29
41	The Resource Identification Initiative: A cultural shift in publishing. <i>F1000Research</i> , <b>2015</b> , 4, 134	3.6	27
40	Meaningful associations in the adolescent brain cognitive development study. <i>NeuroImage</i> , <b>2021</b> , 239, 118262	7.9	23
39	MRI-based morphometric of typical and atypical brain development. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , <b>2003</b> , 9, 155-60		22
38	Dyslexia and language impairment associated genetic markers influence cortical thickness and white matter in typically developing children. <i>Brain Imaging and Behavior</i> , <b>2016</b> , 10, 272-82	4.1	21
37	The Resource Identification Initiative: A Cultural Shift in Publishing. <i>Journal of Comparative Neurology</i> , <b>2016</b> , 524, 8-22	3.4	21
36	Basic principles of MRI and morphometry studies of human brain development. <i>Developmental Science</i> , <b>2002</b> , 5, 268-278	4.5	21
35	A Data Citation Roadmap for Scholarly Data Repositories		16
34	Functional asymmetry of thalamocortical networks in subjects at ultra-high risk for psychosis and first-episode schizophrenia. <i>European Neuropsychopharmacology</i> , <b>2019</b> , 29, 519-528	1.2	15
33	DataLad: distributed system for joint management of code, data, and their relationship. <i>Journal of Open Source Software</i> , <b>2021</b> , 6, 3262	5.2	15
32	The Resource Identification Initiative: A Cultural Shift in Publishing. <i>Neuroinformatics</i> , <b>2016</b> , 14, 169-82	3.2	14
31	Decreased Functional Connectivity of Insular Cortex in Drug Naïve First Episode Schizophrenia: In Relation to Symptom Severity. <i>PLoS ONE</i> , <b>2017</b> , 12, e0167242	3.7	12
30	A very simple, re-executable neuroimaging publication. <i>F1000Research</i> , <b>2017</b> , 6, 124	3.6	11
29	A very simple, re-executable neuroimaging publication. <i>F1000Research</i> , <b>2017</b> , 6, 124	3.6	10

28	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , <b>2021</b> , 109, 1769-1775	13.9	10
27	Coordination Impairments Are Associated With Falling Among Older Adults. <i>Experimental Aging Research</i> , <b>2017</b> , 43, 430-439	1.7	9
26	Data Citation in Neuroimaging: Proposed Best Practices for Data Identification and Attribution. <i>Frontiers in Neuroinformatics</i> , <b>2016</b> , 10, 34	3.9	9
25	A Standards Organization for Open and FAIR Neuroscience: the International Neuroinformatics Coordinating Facility. <i>Neuroinformatics</i> , <b>2021</b> , 1	3.2	9
24	Understanding the impact of preprocessing pipelines on neuroimaging cortical surface analyses. <i>GigaScience</i> , <b>2021</b> , 10,	7.6	7
23	WebParc: a tool for analysis of the topography and volume of stroke from MRI. <i>Medical and Biological Engineering and Computing</i> , <b>2010</b> , 48, 215-28	3.1	6
22	Alpha band signatures of social synchrony. <i>Neuroscience Letters</i> , <b>2019</b> , 699, 24-30	3.3	5
21	Rhythmic Interlimb Coordination Impairments Are Associated With Mobility Limitations Among Older Adults. <i>Experimental Aging Research</i> , <b>2017</b> , 43, 337-345	1.7	5
20	Interacting with the National Database for Autism Research (NDAR) via the LONI Pipeline workflow environment. <i>Brain Imaging and Behavior</i> , <b>2015</b> , 9, 89-103	4.1	4
19	The internet brain volume database: a public resource for storage and retrieval of volumetric data. <i>Neuroinformatics</i> , <b>2012</b> , 10, 129-40	3.2	4
18	Making replication prestigious. <i>Behavioral and Brain Sciences</i> , <b>2018</b> , 41, e131	0.9	4
17	Distributed collaboration: the case for the enhancement of Brainspell interface. <i>GigaScience</i> , <b>2016</b> , 5,	7.6	3
16	Structure-centered portal for child psychiatry research. <i>Frontiers in Neuroinformatics</i> , <b>2014</b> , 8, 47	3.9	3
15	Advanced applications of MRI in human brain science. <i>Keio Journal of Medicine</i> , <b>2000</b> , 49, 66-73	1.6	3
14	Tools Matter: Comparison of Two Surface Analysis Tools Applied to the ABIDE Dataset. <i>Research Ideas and Outcomes</i> , <b>2013</b> , e13726	2.5	3
13	EM-ICP strategies for joint mean shape and correspondences estimation: Applications to statistical analysis of shape and of asymmetry <b>2011</b> ,		2
12	Understanding the impact of preprocessing pipelines on neuroimaging cortical surface analyses		2
11	Review of papers describing neuroinformatics software. <i>Neuroinformatics</i> , <b>2009</b> , 7, 211-2	3.2	1

10	Psychiatric Symptomatology, Mood Regulation, and Resting State Functional Connectivity of the Amygdala: Preliminary Findings in Youth With Mood Disorders and Childhood Trauma. <i>Frontiers in Psychiatry</i> , <b>2020</b> , 11, 525064	5	1
9	Rhythmic Interlimb Coordination Impairments and the Risk for Developing Mobility Limitations. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2017</b> , 72, 1143-1148	6.4	1
8	Perception of first- and second-order motion: Separable neurological mechanisms? <b>1999</b> , 7, 67		1
7	Is Neuroscience FAIR? A Call for Collaborative Standardisation of Neuroscience Data.. <i>Neuroinformatics</i> , <b>2022</b> , 1	3.2	0
6	An assessment of the autism neuroimaging literature for the prospects of re-executability. <i>F1000Research</i> , <b>2020</b> , 9, 1031	3.6	0
5	Quantitative MRI Characterization of the Extremely Preterm Brain at Adolescence: Atypical versus Neurotypical Developmental Pathways.. <i>Radiology</i> , <b>2022</b> , 210385	20.5	0
4	Recommendations for repositories and scientific gateways from a neuroscience perspective.. <i>Scientific Data</i> , <b>2022</b> , 9, 212	8.2	0
3	An assessment of the autism neuroimaging literature for the prospects of re-executability. <i>F1000Research</i> , <b>2020</b> , 9, 1031	3.6	
2	Biomarkers Based on Comprehensive Hierarchical EEG Coherence Analysis: Example Application to Social Competence in Autism (Preliminary Results). <i>Neuroinformatics</i> , <b>2021</b> , 1	3.2	
1	The Neuroimaging Data Model Linear Regression Tool (nidm_linreg): PyNIDM Project. <i>F1000Research</i> , 11, 228	3.6	