

David N Kennedy

List of Publications by Year in Descending Order

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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	Is Neuroscience FAIR? A Call for Collaborative Standardisation of Neuroscience Data.. <i>Neuroinformatics</i> , 2022 , 1	3.2	0
80	Quantitative MRI Characterization of the Extremely Preterm Brain at Adolescence: Atypical versus Neurotypical Developmental Pathways.. <i>Radiology</i> , 2022 , 210385	20.5	0
79	Recommendations for repositories and scientific gateways from a neuroscience perspective.. <i>Scientific Data</i> , 2022 , 9, 212	8.2	0
78	Biomarkers Based on Comprehensive Hierarchical EEG Coherence Analysis: Example Application to Social Competence in Autism (Preliminary Results). <i>Neuroinformatics</i> , 2021 , 1	3.2	
77	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. <i>Neuron</i> , 2021 , 109, 1769-1775	13.9	10
76	DataLad: distributed system for joint management of code, data, and their relationship. <i>Journal of Open Source Software</i> , 2021 , 6, 3262	5.2	15
75	Understanding the impact of preprocessing pipelines on neuroimaging cortical surface analyses. <i>GigaScience</i> , 2021 , 10,	7.6	7
74	A Standards Organization for Open and FAIR Neuroscience: the International Neuroinformatics Coordinating Facility. <i>Neuroinformatics</i> , 2021 , 1	3.2	9
73	Meaningful associations in the adolescent brain cognitive development study. <i>NeuroImage</i> , 2021 , 239, 118262	7.9	23
72	An assessment of the autism neuroimaging literature for the prospects of re-executability. <i>F1000Research</i> , 2020 , 9, 1031	3.6	0
71	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> , 2020 , 11, 525064	5	1
70	An assessment of the autism neuroimaging literature for the prospects of re-executability. <i>F1000Research</i> , 2020 , 9, 1031	3.6	
69	Alpha band signatures of social synchrony. <i>Neuroscience Letters</i> , 2019 , 699, 24-30	3.3	5
68	A data citation roadmap for scholarly data repositories. <i>Scientific Data</i> , 2019 , 6, 28	8.2	33
67	Everything Matters: The ReproNim Perspective on Reproducible Neuroimaging. <i>Frontiers in Neuroinformatics</i> , 2019 , 13, 1	3.9	42
66	Functional asymmetry of thalamocortical networks in subjects at ultra-high risk for psychosis and first-episode schizophrenia. <i>European Neuropsychopharmacology</i> , 2019 , 29, 519-528	1.2	15
65	Making replication prestigious. <i>Behavioral and Brain Sciences</i> , 2018 , 41, e131	0.9	4

64	Coordination Impairments Are Associated With Falling Among Older Adults. <i>Experimental Aging Research</i> , 2017 , 43, 430-439	1.7	9
63	Decreased Functional Connectivity of Insular Cortex in Drug Naïve First Episode Schizophrenia: In Relation to Symptom Severity. <i>PLoS ONE</i> , 2017 , 12, e0167242	3.7	12
62	Rhythmic Interlimb Coordination Impairments Are Associated With Mobility Limitations Among Older Adults. <i>Experimental Aging Research</i> , 2017 , 43, 337-345	1.7	5
61	A very simple, re-executable neuroimaging publication. <i>F1000Research</i> , 2017 , 6, 124	3.6	11
60	A very simple, re-executable neuroimaging publication. <i>F1000Research</i> , 2017 , 6, 124	3.6	10
59	Rhythmic Interlimb Coordination Impairments and the Risk for Developing Mobility Limitations. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 1143-1148	6.4	1
58	Anxiety is related to indices of cortical maturation in typically developing children and adolescents. <i>Brain Structure and Function</i> , 2016 , 221, 3013-25	4	32
57	Dyslexia and language impairment associated genetic markers influence cortical thickness and white matter in typically developing children. <i>Brain Imaging and Behavior</i> , 2016 , 10, 272-82	4.1	21
56	The Pediatric Imaging, Neurocognition, and Genetics (PING) Data Repository. <i>NeuroImage</i> , 2016 , 124, 1149-1154	7.9	177
55	Distributed collaboration: the case for the enhancement of BrainSpell interface. <i>GigaScience</i> , 2016 , 5,	7.6	3
54	Gray matter maturation and cognition in children with different APOE ε genotypes. <i>Neurology</i> , 2016 , 87, 585-94	6.5	39
53	The Resource Identification Initiative: A Cultural Shift in Publishing. <i>Neuroinformatics</i> , 2016 , 14, 169-82	3.2	14
52	The Resource Identification Initiative: A Cultural Shift in Publishing. <i>Journal of Comparative Neurology</i> , 2016 , 524, 8-22	3.4	21
51	The NITRC image repository. <i>NeuroImage</i> , 2016 , 124, 1069-1073	7.9	50
50	Data Citation in Neuroimaging: Proposed Best Practices for Data Identification and Attribution. <i>Frontiers in Neuroinformatics</i> , 2016 , 10, 34	3.9	9
49	Interacting with the National Database for Autism Research (NDAR) via the LONI Pipeline workflow environment. <i>Brain Imaging and Behavior</i> , 2015 , 9, 89-103	4.1	4
48	Family income, parental education and brain structure in children and adolescents. <i>Nature Neuroscience</i> , 2015 , 18, 773-8	25.5	686
47	Decreased cortical thickness in drug naïve first episode schizophrenia: in relation to serum levels of BDNF. <i>Journal of Psychiatric Research</i> , 2015 , 60, 22-8	5.2	29

46	Connectivity in Autism: A Review of MRI Connectivity Studies. <i>Harvard Review of Psychiatry</i> , 2015 , 23, 223-44	4.1	134
45	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> , 2015 , 112, 1208-13	11.5	112
44	The Resource Identification Initiative: A cultural shift in publishing. <i>F1000Research</i> , 2015 , 4, 134	3.6	39
43	The Resource Identification Initiative: A cultural shift in publishing. <i>F1000Research</i> , 2015 , 4, 134	3.6	27
42	Serum levels of BDNF, folate and homocysteine: in relation to hippocampal volume and psychopathology in drug naïve, first episode schizophrenia. <i>Schizophrenia Research</i> , 2014 , 159, 51-5	3.6	33
41	The NIH Toolbox Cognition Battery: results from a large normative developmental sample (PING). <i>Neuropsychology</i> , 2014 , 28, 1-10	3.8	120
40	Structure-centered portal for child psychiatry research. <i>Frontiers in Neuroinformatics</i> , 2014 , 8, 47	3.9	3
39	Genome-wide association study of proneness to anger. <i>PLoS ONE</i> , 2014 , 9, e87257	3.7	29
38	Duration of untreated psychosis is associated with temporal and occipitotemporal gray matter volume decrease in treatment naïve schizophrenia. <i>PLoS ONE</i> , 2013 , 8, e83679	3.7	39
37	Neuroanatomical assessment of biological maturity. <i>Current Biology</i> , 2012 , 22, 1693-8	6.3	253
36	The internet brain volume database: a public resource for storage and retrieval of volumetric data. <i>Neuroinformatics</i> , 2012 , 10, 129-40	3.2	4
35	CANDIShare: a resource for pediatric neuroimaging data. <i>Neuroinformatics</i> , 2012 , 10, 319-22	3.2	32
34	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> , 2012 , 109, 3985-90	11.5	43
33	Data sharing in neuroimaging research. <i>Frontiers in Neuroinformatics</i> , 2012 , 6, 9	3.9	171
32	A Bayesian model of shape and appearance for subcortical brain segmentation. <i>NeuroImage</i> , 2011 , 56, 907-22	7.9	1531
31	EM-ICP strategies for joint mean shape and correspondences estimation: Applications to statistical analysis of shape and of asymmetry 2011 ,		2
30	WebParc: a tool for analysis of the topography and volume of stroke from MRI. <i>Medical and Biological Engineering and Computing</i> , 2010 , 48, 215-28	3.1	6
29	Review of papers describing neuroinformatics software. <i>Neuroinformatics</i> , 2009 , 7, 211-2	3.2	1

28	An evaluation of four automatic methods of segmenting the subcortical structures in the brain. <i>NeuroImage</i> , 2009 , 47, 1435-47	7.9	148
27	The neuroscience information framework: a data and knowledge environment for neuroscience. <i>Neuroinformatics</i> , 2008 , 6, 149-60	3.2	148
26	Diagnostic and sex effects on limbic volumes in early-onset bipolar disorder and schizophrenia. <i>Schizophrenia Bulletin</i> , 2008 , 34, 37-46	1.3	90
25	Structural brain magnetic resonance imaging of limbic and thalamic volumes in pediatric bipolar disorder. <i>American Journal of Psychiatry</i> , 2005 , 162, 1256-65	11.9	439
24	Human cerebellum: surface-assisted cortical parcellation and volumetry with magnetic resonance imaging. <i>Journal of Cognitive Neuroscience</i> , 2003 , 15, 584-99	3.1	60
23	Towards effective and rewarding data sharing. <i>Neuroinformatics</i> , 2003 , 1, 289-95	3.2	63
22	MRI-based morphometric of typical and atypical brain development. <i>Mental Retardation and Developmental Disabilities Research Reviews</i> , 2003 , 9, 155-60		22
21	Larger brain and white matter volumes in children with developmental language disorder. <i>Developmental Science</i> , 2003 , 6, F11-F22	4.5	32
20	Basic principles of MRI and morphometry studies of human brain development. <i>Developmental Science</i> , 2002 , 5, 268-278	4.5	21
19	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> , 2002 , 59, 839-49		217
18	Whole brain segmentation: automated labeling of neuroanatomical structures in the human brain. <i>Neuron</i> , 2002 , 33, 341-55	13.9	5627
17	A twin MRI study of size variations in human brain. <i>Journal of Cognitive Neuroscience</i> , 2000 , 12, 223-32	3.1	200
16	Advanced applications of MRI in human brain science. <i>Keio Journal of Medicine</i> , 2000 , 49, 66-73	1.6	3
15	Perception of first- and second-order motion: separable neurological mechanisms?. <i>Human Brain Mapping</i> , 1999 , 7, 67-77	5.9	62
14	Perception of first- and second-order motion: Separable neurological mechanisms? 1999 , 7, 67		1
13	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> , 1998 , 18, 724-34	7.3	108
12	The selective impairment of the perception of first-order motion by unilateral cortical brain damage. <i>Visual Neuroscience</i> , 1998 , 15, 333-48	1.7	81
11	Neuroanatomical Segmentation in MRI: Technological Objectives. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 1997 , 11, 1161-1187	1.1	49

10	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> , 1997 , 74, 507-14		79
9	A functional MRI study of subjects recovered from hemiparetic stroke. <i>Stroke</i> , 1997 , 28, 2518-27	6.7	683
8	MRI-Based Topographic Parcellation of Human Neocortex: An Anatomically Specified Method with Estimate of Reliability. <i>Journal of Cognitive Neuroscience</i> , 1996 , 8, 566-87	3.1	236
7	Motion detection and correction in functional MR imaging. <i>Human Brain Mapping</i> , 1995 , 3, 224-235	5.9	155
6	Functional cerebral imaging by susceptibility-contrast NMR. <i>Magnetic Resonance in Medicine</i> , 1990 , 14, 538-46	4.4	453
5	Magnetic resonance imaging-based brain morphometry: development and application to normal subjects. <i>Annals of Neurology</i> , 1989 , 25, 61-7	9.4	121
4	Tools Matter: Comparison of Two Surface Analysis Tools Applied to the ABIDE Dataset. <i>Research Ideas and Outcomes</i> , 3, e13726	2.5	3
3	Understanding the impact of preprocessing pipelines on neuroimaging cortical surface analyses		2
2	A Data Citation Roadmap for Scholarly Data Repositories		16
1	The Neuroimaging Data Model Linear Regression Tool (nidm_linreg): PyNIDM Project. <i>F1000Research</i> , 11, 228	3.6	