

David N Kennedy

List of Publications by Year in descending order

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Version: 2024-02-01

100
papers

17,258
citations

94433

37
h-index

42399

92
g-index

105
all docs

105
docs citations

105
times ranked

22022
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole Brain Segmentation. <i>Neuron</i> , 2002, 33, 341-355.	8.1	7,404
2	A Bayesian model of shape and appearance for subcortical brain segmentation. <i>NeuroImage</i> , 2011, 56, 907-922.	4.2	1,937
3	Family income, parental education and brain structure in children and adolescents. <i>Nature Neuroscience</i> , 2015, 18, 773-778.	14.8	979
4	A Functional MRI Study of Subjects Recovered From Hemiparetic Stroke. <i>Stroke</i> , 1997, 28, 2518-2527.	2.0	858
5	Structural Brain Magnetic Resonance Imaging of Limbic and Thalamic Volumes in Pediatric Bipolar Disorder. <i>American Journal of Psychiatry</i> , 2005, 162, 1256-1265.	7.2	624
6	Functional cerebral imaging by susceptibility-contrast NMR. <i>Magnetic Resonance in Medicine</i> , 1990, 14, 538-546.	3.0	507
7	Neuroanatomical Assessment of Biological Maturity. <i>Current Biology</i> , 2012, 22, 1693-1698.	3.9	328
8	MRI-Based Topographic Parcellation of Human Neocortex: An Anatomically Specified Method with Estimate of Reliability. <i>Journal of Cognitive Neuroscience</i> , 1996, 8, 566-587.	2.3	277
9	The Pediatric Imaging, Neurocognition, and Genetics (PING) Data Repository. <i>NeuroImage</i> , 2016, 124, 1149-1154.	4.2	251
10	Left Hippocampal Volume as a Vulnerability Indicator for Schizophrenia. <i>Archives of General Psychiatry</i> , 2002, 59, 839.	12.3	237
11	A Twin MRI Study of Size Variations in the Human Brain. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 223-232.	2.3	229
12	Data sharing in neuroimaging research. <i>Frontiers in Neuroinformatics</i> , 2012, 6, 9.	2.5	219
13	The Neuroscience Information Framework: A Data and Knowledge Environment for Neuroscience. <i>Neuroinformatics</i> , 2008, 6, 149-160.	2.8	189
14	Connectivity in Autism. <i>Harvard Review of Psychiatry</i> , 2015, 23, 223-244.	2.1	184
15	An evaluation of four automatic methods of segmenting the subcortical structures in the brain. <i>NeuroImage</i> , 2009, 47, 1435-1447.	4.2	180
16	Motion detection and correction in functional MR imaging. <i>Human Brain Mapping</i> , 1995, 3, 224-235.	3.6	176
17	The NIH Toolbox Cognition Battery: Results from a large normative developmental sample (PING).. <i>Neuropsychology</i> , 2014, 28, 1-10.	1.3	163
18	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, 1208-1213.	7.1	157

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19	Magnetic resonance imaging-based brain morphometry: Development and application to normal subjects. <i>Annals of Neurology</i> , 1989, 25, 61-67.	5.3	145
20	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, 724-734.	4.3	120
21	Reduced subcortical brain volumes in nonpsychotic siblings of schizophrenic patients: A pilot magnetic resonance imaging study. , 1997, 74, 507-514.		118
22	Meaningful associations in the adolescent brain cognitive development study. <i>NeuroImage</i> , 2021, 239, 118262.	4.2	108
23	Diagnostic and Sex Effects on Limbic Volumes in Early-Onset Bipolar Disorder and Schizophrenia. <i>Schizophrenia Bulletin</i> , 2007, 34, 37-46.	4.3	101
24	The selective impairment of the perception of first-order motion by unilateral cortical brain damage. <i>Visual Neuroscience</i> , 1998, 15, 333-348.	1.0	89
25	Everything Matters: The Repronim Perspective on Reproducible Neuroimaging. <i>Frontiers in Neuroinformatics</i> , 2019, 13, 1.	2.5	88
26	Towards Effective and Rewarding Data Sharing. <i>Neuroinformatics</i> , 2003, 1, 289-296.	2.8	78
27	Neuroanatomical Segmentation in MRI: Technological Objectives. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 1997, 11, 1161-1187.	1.2	72
28	DataLad: distributed system for joint management of code, data, and their relationship. <i>Journal of Open Source Software</i> , 2021, 6, 3262.	4.6	71
29	Human Cerebellum: Surface-Assisted Cortical Parcellation and Volumetry with Magnetic Resonance Imaging. <i>Journal of Cognitive Neuroscience</i> , 2003, 15, 584-599.	2.3	70
30	The NITRC image repository. <i>NeuroImage</i> , 2016, 124, 1069-1073.	4.2	70
31	Perception of first- and second-order motion: Separable neurological mechanisms?. <i>Human Brain Mapping</i> , 1999, 7, 67-77.	3.6	64
32	Gray matter maturation and cognition in children with different <i>APOE</i> ϵ genotypes. <i>Neurology</i> , 2016, 87, 585-594.	1.1	62
33	A data citation roadmap for scholarly data repositories. <i>Scientific Data</i> , 2019, 6, 28.	5.3	59
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, 3985-3990.	7.1	50
35	Larger brain and white matter volumes in children with developmental language disorder. <i>Developmental Science</i> , 2003, 6, F11.	2.4	49
36	CANDIShare: A Resource for Pediatric Neuroimaging Data. <i>Neuroinformatics</i> , 2012, 10, 319-322.	2.8	49

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37	The Resource Identification Initiative: A cultural shift in publishing. F1000Research, 2015, 4, 134.	1.6	47
38	Duration of Untreated Psychosis Is Associated with Temporal and Occipitotemporal Gray Matter Volume Decrease in Treatment Na ⁺ -ve Schizophrenia. PLoS ONE, 2013, 8, e83679.	2.5	44
39	Anxiety is related to indices of cortical maturation in typically developing children and adolescents. Brain Structure and Function, 2016, 221, 3013-3025.	2.3	43
40	The Resource Identification Initiative: A cultural shift in publishing. F1000Research, 2015, 4, 134.	1.6	42
41	Serum levels of BDNF, folate and homocysteine: In relation to hippocampal volume and psychopathology in drug na ⁺ -ve, first episode schizophrenia. Schizophrenia Research, 2014, 159, 51-55.	2.0	40
42	Genome-Wide Association Study of Proneness to Anger. PLoS ONE, 2014, 9, e87257.	2.5	40
43	Decreased cortical thickness in drug na ⁺ -ve first episode schizophrenia: In relation to serum levels of BDNF. Journal of Psychiatric Research, 2015, 60, 22-28.	3.1	34
44	Neuroimaging Informatics Tools and Resources Clearinghouse (NITRC) Resource Announcement. Neuroinformatics, 2009, 7, 55-56.	2.8	33
45	The Resource Identification Initiative: A cultural shift in publishing. Journal of Comparative Neurology, 2016, 524, 8-22.	1.6	32
46	Understanding the impact of preprocessing pipelines on neuroimaging cortical surface analyses. GigaScience, 2021, 10, .	6.4	32
47	Dyslexia and language impairment associated genetic markers influence cortical thickness and white matter in typically developing children. Brain Imaging and Behavior, 2016, 10, 272-282.	2.1	27
48	Brainhack: Developing a culture of open, inclusive, community-driven neuroscience. Neuron, 2021, 109, 1769-1775.	8.1	27
49	The Resource Identification Initiative: A Cultural Shift in Publishing. Neuroinformatics, 2016, 14, 169-182.	2.8	26
50	A Standards Organization for Open and FAIR Neuroscience: the International Neuroinformatics Coordinating Facility. Neuroinformatics, 2022, 20, 25-36.	2.8	26
51	Basic principles of MRI and morphometry studies of human brain development. Developmental Science, 2002, 5, 268-278.	2.4	24
52	Functional asymmetry of thalamocortical networks in subjects at ultra-high risk for psychosis and first-episode schizophrenia. European Neuropsychopharmacology, 2019, 29, 519-528.	0.7	24
53	MRI-based morphometric analysis of typical and atypical brain development. Mental Retardation and Developmental Disabilities Research Reviews, 2003, 9, 155-160.	3.6	23
54	Is Neuroscience FAIR? A Call for Collaborative Standardisation of Neuroscience Data. Neuroinformatics, 2022, 20, 507-512.	2.8	23

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55	Making Connections in the Connectome Era. <i>Neuroinformatics</i> , 2010, 8, 61-62.	2.8	21
56	Data sharing and publishing in the field of neuroimaging. <i>GigaScience</i> , 2012, 1, 9.	6.4	21
57	Decreased Functional Connectivity of Insular Cortex in Drug Naïve First Episode Schizophrenia: In Relation to Symptom Severity. <i>PLoS ONE</i> , 2017, 12, e0167242.	2.5	16
58	Making replication prestigious. <i>Behavioral and Brain Sciences</i> , 2018, 41, e131.	0.7	15
59	Coordination Impairments Are Associated With Falling Among Older Adults. <i>Experimental Aging Research</i> , 2017, 43, 430-439.	1.2	14
60	A very simple, re-executable neuroimaging publication. <i>F1000Research</i> , 2017, 6, 124.	1.6	14
61	Editorial. <i>Neuroinformatics</i> , 2004, 2, 367-368.	2.8	13
62	Introduction to the special issue on reproducibility in neuroimaging. <i>NeuroImage</i> , 2020, 218, 116357.	4.2	13
63	Where's the Beef ? Missing Data in the Information Age. <i>Neuroinformatics</i> , 2006, 4, 271-274.	2.8	12
64	A very simple, re-executable neuroimaging publication. <i>F1000Research</i> , 2017, 6, 124.	1.6	12
65	Data Citation in Neuroimaging: Proposed Best Practices for Data Identification and Attribution. <i>Frontiers in Neuroinformatics</i> , 2016, 10, 34.	2.5	11
66	The Benefits of Preparing Data for Sharing Even When You Don't. <i>Neuroinformatics</i> , 2012, 10, 223-224.	2.8	8
67	Alpha band signatures of social synchrony. <i>Neuroscience Letters</i> , 2019, 699, 24-30.	2.1	8
68	Tools Matter: Comparison of Two Surface Analysis Tools Applied to the ABIDE Dataset. <i>Research Ideas and Outcomes</i> , 0, 3, e13726.	1.0	8
69	WebParc: a tool for analysis of the topography and volume of stroke from MRI. <i>Medical and Biological Engineering and Computing</i> , 2010, 48, 215-228.	2.8	7
70	Next Steps in Data Publishing. <i>Neuroinformatics</i> , 2011, 9, 317-320.	2.8	7
71	The Three NITRCs: A Guide to Neuroimaging Neuroinformatics Resources. <i>Neuroinformatics</i> , 2015, 13, 383-386.	2.8	7
72	Rhythmic Interlimb Coordination Impairments Are Associated With Mobility Limitations Among Older Adults. <i>Experimental Aging Research</i> , 2017, 43, 337-345.	1.2	7

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73	Review of Papers Describing Neuroinformatics Software. Neuroinformatics, 2009, 7, 211-212.	2.8	6
74	Share and Share Alike. Neuroinformatics, 2003, 1, 211-214.	2.8	5
75	Neuroinformatics and the Society for Neuroscience. Neuroinformatics, 2007, 5, 141-142.	2.8	5
76	The Internet Brain Volume Database: A Public Resource for Storage and Retrieval of Volumetric Data. Neuroinformatics, 2012, 10, 129-140.	2.8	5
77	Data Persistence Insurance. Neuroinformatics, 2014, 12, 361-363.	2.8	4
78	Interacting with the National Database for Autism Research (NDAR) via the LONI Pipeline workflow environment. Brain Imaging and Behavior, 2015, 9, 89-103.	2.1	4
79	Rhythmic Interlimb Coordination Impairments and the Risk for Developing Mobility Limitations. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, glw236.	3.6	4
80	Advanced Applications of MRI in Human Brain Science. Keio Journal of Medicine, 2000, 49, 66-73.	1.1	4
81	Quantitative MRI Characterization of the Extremely Preterm Brain at Adolescence: Atypical versus Neurotypical Developmental Pathways. Radiology, 2022, , 210385.	7.3	4
82	EM-ICP strategies for joint mean shape and correspondences estimation: Applications to statistical analysis of shape and of asymmetry. , 2011, , .		3
83	Structure-centered portal for child psychiatry research. Frontiers in Neuroinformatics, 2014, 8, 47.	2.5	3
84	Distributed collaboration: the case for the enhancement of Brainspell's interface. GigaScience, 2016, 5, .	6.4	3
85	The Information Sharing Statement Grows Some Teeth. Neuroinformatics, 2017, 15, 113-114.	2.8	3
86	Psychiatric Symptomatology, Mood Regulation, and Resting State Functional Connectivity of the Amygdala: Preliminary Findings in Youth With Mood Disorders and Childhood Trauma. Frontiers in Psychiatry, 2020, 11, 525064.	2.6	3
87	Recommendations for repositories and scientific gateways from a neuroscience perspective. Scientific Data, 2022, 9, 212.	5.3	3
88	The Dark Matter of the Bibliome. Neuroinformatics, 2015, 13, 387-389.	2.8	2
89	Mobile Monitoring of Traumatic Brain Injury in Older Adults: Challenges and Opportunities. Neuroinformatics, 2017, 15, 227-230.	2.8	2
90	Neuroimaging Neuroinformatics: Sample Size and Other Evolutionary Topics. Neuroinformatics, 2018, 16, 149-150.	2.8	2

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91	An assessment of the autism neuroimaging literature for the prospects of re-executability. F1000Research, 2020, 9, 1031.	1.6	2
92	Data Citation and the Author Byline: Who's Line Is it Anyway?. Neuroinformatics, 2013, 11, 263-266.	2.8	1
93	An assessment of the autism neuroimaging literature for the prospects of re-executability. F1000Research, 2020, 9, 1031.	1.6	1
94	Biomarkers Based on Comprehensive Hierarchical EEG Coherence Analysis: Example Application to Social Competence in Autism (Preliminary Results). Neuroinformatics, 2021, , 1.	2.8	1
95	Perception of first- and second-order motion: Separable neurological mechanisms?. Human Brain Mapping, 1999, 7, 67-77.	3.6	1
96	New Happenings at the NIH. Neuroinformatics, 2008, 6, 69-70.	2.8	0
97	Musings of a Post-Stimulus Mind. Neuroinformatics, 2009, 7, 85-87.	2.8	0
98	The Social Life of Data. Neuroinformatics, 2016, 14, 129-130.	2.8	0
99	Farewell, Neuroinformatics!. Neuroinformatics, 2021, 19, 551-552.	2.8	0
100	The Neuroimaging Data Model Linear Regression Tool (nidm_linreg): PyNIDM Project. F1000Research, 0, 11, 228.	1.6	0