

# Nick F Ramsey

## List of Publications by Year in descending order

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247  
papers

14,706  
citations

13099

68  
h-index

25787

108  
g-index

266  
all docs

266  
docs citations

266  
times ranked

14090  
citing authors

#	ARTICLE	IF	CITATIONS
1	Handedness, language lateralisation and anatomical asymmetry in schizophrenia. <i>British Journal of Psychiatry</i> , 2001, 178, 344-351.	2.8	406
2	Fully Implanted Brain-Computer Interface in a Locked-In Patient with ALS. <i>New England Journal of Medicine</i> , 2016, 375, 2060-2066.	27.0	392
3	$\delta^9$ -Tetrahydrocannabinol Induces Dopamine Release in the Human Striatum. <i>Neuropsychopharmacology</i> , 2009, 34, 759-766.	5.4	341
4	Exogenous Testosterone Enhances Responsiveness to Social Threat in the Neural Circuitry of Social Aggression in Humans. <i>Biological Psychiatry</i> , 2008, 63, 263-270.	1.3	332
5	Functional Magnetic Resonance Imaging Brain Mapping in Psychiatry: Methodological Issues Illustrated in a Study of Working Memory in Schizophrenia. <i>Neuropsychopharmacology</i> , 1998, 18, 186-196.	5.4	293
6	Development of a functional magnetic resonance imaging protocol for intraoperative localization of critical temporoparietal language areas. <i>Annals of Neurology</i> , 2002, 51, 350-360.	5.3	270
7	Language lateralization in schizophrenia, an fMRI study. <i>Schizophrenia Research</i> , 2001, 52, 57-67.	2.0	267
8	Automated electrocorticographic electrode localization on individually rendered brain surfaces. <i>Journal of Neuroscience Methods</i> , 2010, 185, 293-298.	2.5	257
9	Functional Anatomical Correlates of Controlled and Automatic Processing. <i>Journal of Cognitive Neuroscience</i> , 2001, 13, 730-743.	2.3	239
10	fMRI-Determined Language Lateralization in Patients with Unilateral or Mixed Language Dominance According to the Wada Test. <i>NeuroImage</i> , 2002, 17, 447-460.	4.2	231
11	The brain-computer interface cycle. <i>Journal of Neural Engineering</i> , 2009, 6, 041001.	3.5	220
12	Effects of exogenous testosterone on the ventral striatal BOLD response during reward anticipation in healthy women. <i>NeuroImage</i> , 2010, 52, 277-283.	4.2	218
13	Human Motor Cortical Activity Is Selectively Phase-Entrained on Underlying Rhythms. <i>PLoS Computational Biology</i> , 2012, 8, e1002655.	3.2	202
14	Reproducibility of fMRI-Determined Language Lateralization in Individual Subjects. <i>Brain and Language</i> , 2002, 80, 421-437.	1.6	196
15	Specific versus Nonspecific Brain Activity in a Parametric N-Back Task. <i>NeuroImage</i> , 2000, 12, 688-697.	4.2	188
16	Working memory capacity in schizophrenia: a parametric fMRI study. <i>Schizophrenia Research</i> , 2004, 68, 159-171.	2.0	185
17	Function of striatum beyond inhibition and execution of motor responses. <i>Human Brain Mapping</i> , 2005, 25, 336-344.	3.6	182
18	Long-term effects of frequent cannabis use on working memory and attention: an fMRI study. <i>Psychopharmacology</i> , 2006, 185, 358-368.	3.1	171

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19	Understanding upper limb recovery after stroke. <i>Restorative Neurology and Neuroscience</i> , 2013, 31, 707-722.	0.7	170
20	BNCI Horizon 2020: towards a roadmap for the BCI community. <i>Brain-Computer Interfaces</i> , 2015, 2, 1-10.	1.8	169
21	Combined Analysis of Language Tasks in fMRI Improves Assessment of Hemispheric Dominance for Language Functions in Individual Subjects. <i>NeuroImage</i> , 2001, 13, 719-733.	4.2	167
22	Neurophysiologic correlates of fMRI in human motor cortex. <i>Human Brain Mapping</i> , 2012, 33, 1689-1699.	3.6	166
23	Chronic effects of cannabis use on the human reward system: An fMRI study. <i>European Neuropsychopharmacology</i> , 2010, 20, 153-163.	0.7	150
24	Effects of frequent cannabis use on hippocampal activity during an associative memory task. <i>European Neuropsychopharmacology</i> , 2007, 17, 289-297.	0.7	149
25	Endogenous opioids and reward. <i>European Journal of Pharmacology</i> , 2000, 405, 89-101.	3.5	144
26	Three-dimensional functional magnetic resonance imaging of human brain on a clinical 1.5-T scanner.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 6906-6910.	7.1	142
27	A practical procedure for real-time functional mapping of eloquent cortex using electrocorticographic signals in humans. <i>Epilepsy and Behavior</i> , 2009, 15, 278-286.	1.7	140
28	Propagating Neocortical Gamma Bursts Are Coordinated by Traveling Alpha Waves. <i>Journal of Neuroscience</i> , 2013, 33, 18849-18854.	3.6	138
29	Interactions between ego- and allocentric neuronal representations of space. <i>NeuroImage</i> , 2006, 31, 320-331.	4.2	137
30	Can fMRI safely replace the Wada test for preoperative assessment of language lateralisation? A meta-analysis and systematic review. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 581-588.	1.9	137
31	Statistical analysis of functional MRI data in the wavelet domain. <i>IEEE Transactions on Medical Imaging</i> , 1998, 17, 142-154.	8.9	129
32	Emotional but not physical stress enhances intravenous cocaine self-administration in drug-naive rats. <i>Brain Research</i> , 1993, 608, 216-222.	2.2	124
33	Neuronal Substrate of the Saccadic Inhibition Deficit in Schizophrenia Investigated With 3-Dimensional Event-Related Functional Magnetic Resonance Imaging. <i>Archives of General Psychiatry</i> , 2002, 59, 313.	12.3	123
34	Language area localization with three-dimensional functional magnetic resonance imaging matches intrasulcal electrostimulation in Broca's area. <i>Annals of Neurology</i> , 1999, 46, 405-408.	5.3	120
35	Review: Functional Neuroimaging Studies of Early Upper Limb Recovery After Stroke: A Systematic Review of the Literature. <i>Neurorehabilitation and Neural Repair</i> , 2010, 24, 589-608.	2.9	120
36	Functional Mapping of Human Sensorimotor Cortex with 3D BOLD fMRI Correlates Highly with H2150 PET rCBF. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1996, 16, 755-764.	4.3	119

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37	Testâ€“retest reliability of fMRI activation during prosaccades and antisaccades. <i>NeuroImage</i> , 2007, 36, 532-542.	4.2	119
38	Spatial working memory deficits in obsessive compulsive disorder are associated with excessive engagement of the medial frontal cortex. <i>NeuroImage</i> , 2003, 20, 2271-2280.	4.2	118
39	Cortical Depth-Dependent Temporal Dynamics of the BOLD Response in the Human Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 1999-2008.	4.3	118
40	Cardiorespiratory effects on defaultâ€“mode network activity as measured with fMRI. <i>Human Brain Mapping</i> , 2009, 30, 3031-3042.	3.6	113
41	A stereotactic method for image-guided transcranial magnetic stimulation validated with fMRI and motor-evoked potentials. <i>NeuroImage</i> , 2004, 21, 1805-1817.	4.2	112
42	Language lateralization in female patients with schizophrenia: an fMRI study. <i>Schizophrenia Research</i> , 2003, 60, 183-190.	2.0	110
43	Phase Navigator Correction in 3D fMRI Improves Detection of Brain Activation: Quantitative Assessment with a Graded Motor Activation Procedure. <i>NeuroImage</i> , 1998, 8, 240-248.	4.2	105
44	Striatal Dysfunction in Schizophrenia and Unaffected Relatives. <i>Biological Psychiatry</i> , 2006, 60, 32-39.	1.3	102
45	Contribution of the left and right inferior frontal gyrus in recovery from aphasia. A functional MRI study in stroke patients with preserved hemodynamic responsiveness. <i>NeuroImage</i> , 2010, 49, 885-893.	4.2	101
46	Decoding hand gestures from primary somatosensory cortex using high-density ECoG. <i>NeuroImage</i> , 2017, 147, 130-142.	4.2	101
47	Enhanced sensitivity with fast threeâ€“dimensional bloodâ€“oxygenâ€“levelâ€“dependent functional MRI: comparison of SENSEâ€“PRESTO and 2Dâ€“EPI at 3â€“T. <i>NMR in Biomedicine</i> , 2008, 21, 663-676.	2.8	100
48	Long-Term Consequences of Adolescent Cannabis Exposure on the Development of Cognition, Brain Structure and Function: An Overview of Animal and Human Research. <i>Current Drug Abuse Reviews</i> , 2008, 1, 114-123.	3.4	99
49	Activation of striate cortex in the absence of visual stimulation: an fMRI study of synesthesia. <i>NeuroReport</i> , 2001, 12, 2827-2830.	1.2	97
50	BOLD matches neuronal activity at the mm scale: A combined 7T fMRI and ECoG study in human sensorimotor cortex. <i>NeuroImage</i> , 2014, 101, 177-184.	4.2	97
51	iEEG-BIDS, extending the Brain Imaging Data Structure specification to human intracranial electrophysiology. <i>Scientific Data</i> , 2019, 6, 102.	5.3	96
52	Within-subject variation in BOLD-fMRI signal changes across repeated measurements: Quantification and implications for sample size. <i>NeuroImage</i> , 2008, 42, 196-206.	4.2	92
53	Cannabis Use and Memory Brain Function in Adolescent Boys: A Cross-Sectional Multicenter Functional Magnetic Resonance Imaging Study. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 561-572.e3.	0.5	89
54	Relation between functional magnetic resonance imaging (fMRI) and single neuron, local field potential (LFP) and electrocorticography (ECoG) activity in human cortex. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 34.	2.0	89

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55	Decoding spoken phonemes from sensorimotor cortex with high-density ECoG grids. <i>NeuroImage</i> , 2018, 180, 301-311.	4.2	89
56	Brain-computer interfacing based on cognitive control. <i>Annals of Neurology</i> , 2010, 67, 809-816.	5.3	88
57	Testosterone administration modulates neural responses to crying infants in young females. <i>Psychoneuroendocrinology</i> , 2010, 35, 114-121.	2.7	87
58	The neural mechanisms by which testosterone acts on interpersonal trust. <i>NeuroImage</i> , 2012, 61, 730-737.	4.2	86
59	Excessive recruitment of neural systems subserving logical reasoning in schizophrenia. <i>Brain</i> , 2002, 125, 1793-1807.	7.6	81
60	Cannabis Use and Memory Brain Function in Adolescent Boys. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2010, 49, 561-572e3.	0.5	80
61	Testosterone administration in women increases amygdala responses to fearful and happy faces. <i>Psychoneuroendocrinology</i> , 2013, 38, 808-817.	2.7	79
62	Give me a sign: decoding four complex hand gestures based on high-density ECoG. <i>Brain Structure and Function</i> , 2016, 221, 203-216.	2.3	78
63	Lack of evidence for an involvement of nucleus accumbens dopamine D1 receptors in the initiation of heroin self-administration in the rat. <i>Psychopharmacology</i> , 1994, 114, 486-494.	3.1	77
64	Reward and Abuse of Opiates. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1992, 71, 81-94.	0.0	76
65	Language activation in monozygotic twins discordant for schizophrenia. <i>British Journal of Psychiatry</i> , 2004, 184, 128-135.	2.8	75
66	The endocannabinoid system and emotional processing: A pharmacological fMRI study with $\Delta^9$ -tetrahydrocannabinol. <i>European Neuropsychopharmacology</i> , 2013, 23, 1687-1697.	0.7	75
67	Frequency specific spatial interactions in human electrocorticography: V1 alpha oscillations reflect surround suppression. <i>NeuroImage</i> , 2013, 65, 424-432.	4.2	75
68	Effects of $\Delta^9$ -Tetrahydrocannabinol on Human Working Memory Function. <i>Biological Psychiatry</i> , 2012, 71, 693-699.	1.3	74
69	Detailed somatotopy in primary motor and somatosensory cortex revealed by Gaussian population receptive fields. <i>NeuroImage</i> , 2018, 179, 337-347.	4.2	74
70	Fast 3D functional magnetic resonance imaging at 1.5 T with spiral acquisition. <i>Magnetic Resonance in Medicine</i> , 1996, 36, 620-626.	3.0	72
71	The role of functional magnetic resonance imaging in brain surgery. <i>Neurosurgical Focus</i> , 2010, 28, E4.	2.3	72
72	Language lateralization in monozygotic twin pairs concordant and discordant for handedness. <i>Brain</i> , 2002, 125, 2710-2718.	7.6	71

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73	Neurophysiological factors in human information processing capacity. <i>Brain</i> , 2003, 127, 517-525.	7.6	69
74	fMRI study of effort and information processing in a working memory task. <i>Human Brain Mapping</i> , 2007, 28, 431-440.	3.6	69
75	Brain Activation During Antisaccades in Unaffected Relatives of Schizophrenic Patients. <i>Biological Psychiatry</i> , 2006, 59, 530-535.	1.3	67
76	Tentative Evidence for Striatal Hyperactivity in Adolescent Cannabis-Using Boys: A Cross-Sectional Multicenter fMRI Study. <i>Journal of Psychoactive Drugs</i> , 2013, 45, 156-167.	1.7	67
77	Towards human BCI applications based on cognitive brain systems: an investigation of neural signals recorded from the dorsolateral prefrontal cortex. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2006, 14, 214-217.	4.9	66
78	The dopamine hypothesis of opiate reward challenged. <i>European Journal of Pharmacology</i> , 1987, 134, 239-243.	3.5	65
79	Naltrexone affects cocaine self-administration in naïve rats through the ventral tegmental area rather than dopaminergic target regions. <i>European Neuropsychopharmacology</i> , 1999, 9, 93-99.	0.7	64
80	Sleep spindles are locally modulated by training on a brain-computer interface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 18583-18588.	7.1	63
81	Involvement of the endocannabinoid system in reward processing in the human brain. <i>Psychopharmacology</i> , 2012, 219, 981-990.	3.1	63
82	Task and task-free fMRI reproducibility comparison for motor network identification. <i>Human Brain Mapping</i> , 2014, 35, 340-352.	3.6	62
83	Preservation of hand movement representation in the sensorimotor areas of amputees. <i>Brain</i> , 2017, 140, 3166-3178.	7.6	62
84	Left dorsolateral prefrontal cortex dysfunction in medication-naïve schizophrenia. <i>Schizophrenia Research</i> , 2010, 123, 22-29.	2.0	60
85	Prefrontal lobe dysfunction predicts treatment response in medication-naïve first-episode schizophrenia. <i>Schizophrenia Research</i> , 2011, 129, 156-162.	2.0	59
86	Physiological Challenges for Intracortical Electrodes. <i>Brain Stimulation</i> , 2014, 7, 1-6.	1.6	59
87	Intracerebroventricular naltrexone treatment attenuates acquisition of intravenous cocaine self-administration in rats. <i>Pharmacology Biochemistry and Behavior</i> , 1991, 40, 807-810.	2.9	56
88	Role of the endocannabinoid system in brain functions relevant for schizophrenia: An overview of human challenge studies with cannabis or $\Delta^9$ -tetrahydrocannabinol (THC). <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 52, 53-69.	4.8	56
89	Functional MRI-based identification of brain areas involved in motor imagery for implantable brain-computer interfaces. <i>Journal of Neural Engineering</i> , 2011, 8, 025007.	3.5	55
90	Patterns of resting state connectivity in human primary visual cortical areas: A 7T fMRI study. <i>NeuroImage</i> , 2014, 84, 911-921.	4.2	55

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91	Reproducibility of human 3D fMRI brain maps acquired during a motor task. , 1996, 4, 113-121.		54
92	BOLD Consistently Matches Electrophysiology in Human Sensorimotor Cortex at Increasing Movement Rates: A Combined 7T fMRI and ECoG Study on Neurovascular Coupling. Journal of Cerebral Blood Flow and Metabolism, 2013, 33, 1448-1456.	4.3	54
93	Evidence of altered cortical and amygdala activation during social decision-making in schizophrenia. NeuroImage, 2008, 40, 719-727.	4.2	53
94	Default Mode Network in the Effects of $\delta^9$ -Tetrahydrocannabinol (THC) on Human Executive Function. PLoS ONE, 2013, 8, e70074.	2.5	53
95	Prenatal exposure to morphine enhances cocaine and heroin self-administration in drug-naive rats. Drug and Alcohol Dependence, 1993, 33, 41-51.	3.2	51
96	Functional anatomy of top-down visuospatial processing in the human brain: evidence from rTMS. Cognitive Brain Research, 2002, 14, 300-302.	3.0	51
97	Effects of $\delta^9$ -Tetrahydrocannabinol Administration on Human Encoding and Recall Memory Function: A Pharmacological fMRI Study. Journal of Cognitive Neuroscience, 2012, 24, 588-599.	2.3	51
98	Decreased thalamic blood flow in obsessive-compulsive disorder patients responding to fluvoxamine. Psychiatry Research - Neuroimaging, 2005, 138, 89-97.	1.8	50
99	Effects of Aging on BOLD fMRI during Prosaccades and Antisaccades. Journal of Cognitive Neuroscience, 2006, 18, 594-603.	2.3	50
100	Advances in human intracranial electroencephalography research, guidelines and good practices. NeuroImage, 2022, 260, 119438.	4.2	50
101	Interhemispheric Reorganization of Motor Hand Function to the Primary Motor Cortex Predicted With Functional Magnetic Resonance Imaging and Transcranial Magnetic Stimulation. Journal of Child Neurology, 2002, 17, 292-297.	1.4	49
102	Effects of cross-sex hormones on cerebral activation during language and mental rotation: An fMRI study in transsexuals. European Neuropsychopharmacology, 2008, 18, 215-221.	0.7	49
103	Assessment of Cognitive Brain Function in Ecstasy Users and Contributions of Other Drugs of Abuse: Results from an fMRI Study. Neuropsychopharmacology, 2008, 33, 247-258.	5.4	49
104	BOLD Specificity and Dynamics Evaluated in Humans at 7 T: Comparing Gradient-Echo and Spin-Echo Hemodynamic Responses. PLoS ONE, 2013, 8, e54560.	2.5	49
105	Stability of a chronic implanted brain-computer interface in late-stage amyotrophic lateral sclerosis. Clinical Neurophysiology, 2019, 130, 1798-1803.	1.5	49
106	Cortical theta wanes for language. NeuroImage, 2014, 85, 738-748.	4.2	48
107	Brain-computer interfaces: Definitions and principles. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2020, 168, 15-23.	1.8	48
108	Evidence for involvement of the insula in the psychotropic effects of THC in humans: a double-blind, randomized pharmacological MRI study. International Journal of Neuropsychopharmacology, 2011, 14, 1377-1388.	2.1	47

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109	The Netherlands XTC Toxicity (NeXT) study: objectives and methods of a study investigating causality, course, and clinical relevance. <i>International Journal of Methods in Psychiatric Research</i> , 2005, 14, 167-185.	2.1	45
110	Cortical and subcortical contributions to saccade latency in the human brain. <i>European Journal of Neuroscience</i> , 2005, 21, 2853-2863.	2.6	44
111	Specific effects of ecstasy and other illicit drugs on cognition in poly-substance users. <i>Psychological Medicine</i> , 2008, 38, 1309-1317.	4.5	44
112	THC reduces the anticipatory nucleus accumbens response to reward in subjects with a nicotine addiction. <i>Translational Psychiatry</i> , 2013, 3, e234-e234.	4.8	44
113	Trait and state dependent functional impairments in bipolar disorder. <i>Psychiatry Research - Neuroimaging</i> , 2010, 184, 135-142.	1.8	43
114	Brain activation is related to smoothness of upper limb movements after stroke. <i>Experimental Brain Research</i> , 2016, 234, 2077-2089.	1.5	43
115	Test-retest variability underlying fMRI measurements. <i>NeuroImage</i> , 2012, 60, 717-727.	4.2	42
116	Knowing left from right: asymmetric functional connectivity during resting state. <i>Brain Structure and Function</i> , 2018, 223, 1909-1922.	2.3	42
117	Mismatch Between Electrocortical Stimulation and Electrocorticography Frequency Mapping of Language. <i>Brain Stimulation</i> , 2013, 6, 524-531.	1.6	41
118	Spatial working memory in obsessive-compulsive disorder improves with clinical response: A functional MRI study. <i>European Neuropsychopharmacology</i> , 2007, 17, 16-23.	0.7	40
119	Unimpaired sentence comprehension after anterior temporal cortex resection. <i>Neuropsychologia</i> , 2008, 46, 1170-1178.	1.6	40
120	Neural correlates of locative prepositions. <i>Neuropsychologia</i> , 2008, 46, 1576-1580.	1.6	40
121	ALICE: A tool for automatic localization of intra-cranial electrodes for clinical and high-density grids. <i>Journal of Neuroscience Methods</i> , 2018, 301, 43-51.	2.5	40
122	Dissociation between Neuronal Activity in Sensorimotor Cortex and Hand Movement Revealed as a Function of Movement Rate. <i>Journal of Neuroscience</i> , 2012, 32, 9736-9744.	3.6	39
123	Cerebral mirror-imaging in a monozygotic twin. <i>Lancet, The</i> , 1999, 354, 1445-1446.	13.7	38
124	Reliability of two clinically relevant fiber pathways reconstructed with constrained spherical deconvolution. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 1544-1556.	3.0	38
125	Inter-hemispheric language functional reorganization in low-grade glioma patients after tumour surgery. <i>Cortex</i> , 2015, 64, 235-248.	2.4	37
126	Functional MRI experiments: acquisition, analysis and interpretation of data. <i>European Neuropsychopharmacology</i> , 2002, 12, 517-526.	0.7	36



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127	Amygdala responses to positively and negatively valenced baby faces in healthy female volunteers: Influences of individual differences in harm avoidance. <i>Brain Research</i> , 2009, 1296, 94-103.	2.2	36
128	Reduced language lateralization in first-episode medication-naive schizophrenia. <i>Schizophrenia Research</i> , 2011, 127, 195-201.	2.0	36
129	The PRESTO technique for fMRI. <i>NeuroImage</i> , 2012, 62, 676-681.	4.2	36
130	Intracortical Somatosensory Stimulation to Elicit Fingertip Sensations in an Individual With Spinal Cord Injury. <i>Neurology</i> , 2022, 98, .	1.1	36
131	Involuntary language switching in two bilingual patients during the Wada test and intraoperative electrocortical stimulation. <i>Brain and Language</i> , 2007, 101, 31-37.	1.6	35
132	Incidental use of ecstasy: no evidence for harmful effects on cognitive brain function in a prospective fMRI study. <i>Psychopharmacology</i> , 2007, 193, 403-414.	3.1	35
133	Neurotoxic effects of ecstasy on the thalamus. <i>British Journal of Psychiatry</i> , 2008, 193, 289-296.	2.8	33
134	Chronic pretreatment with naltrexone facilitates acquisition of intravenous cocaine self-administration in rats. <i>European Neuropsychopharmacology</i> , 1990, 1, 55-61.	0.7	32
135	Discrepant findings for Wada test and functional magnetic resonance imaging with regard to language function: use of electrocortical stimulation mapping to confirm results. <i>Journal of Neurosurgery</i> , 2005, 102, 169-173.	1.6	32
136	Task-free electrocorticography frequency mapping of the motor cortex. <i>Clinical Neurophysiology</i> , 2013, 124, 1169-1174.	1.5	32
137	Modulation of cocaine intravenous self-administration in drug-naive animals by dihydropyridine Ca <sup>2+</sup> channel modulators. <i>European Journal of Pharmacology</i> , 1996, 295, 19-25.	3.5	31
138	Saccadic abnormalities in psychotropic-naive obsessive-compulsive disorder without co-morbidity. <i>Psychological Medicine</i> , 2006, 36, 1321-1326.	4.5	31
139	Real-Time Decoding of Brain Responses to Visuospatial Attention Using 7T fMRI. <i>PLoS ONE</i> , 2011, 6, e27638.	2.5	30
140	Real-time decoding of the direction of covert visuospatial attention. <i>Journal of Neural Engineering</i> , 2012, 9, 045004.	3.5	30
141	Give Me a Sign: Decoding Complex Coordinated Hand Movements Using High-Field fMRI. <i>Brain Topography</i> , 2014, 27, 248-257.	1.8	30
142	Neural Tuning to Low-Level Features of Speech throughout the Perisylvian Cortex. <i>Journal of Neuroscience</i> , 2017, 37, 7906-7920.	3.6	30
143	Automatization and working memory capacity in schizophrenia. <i>Schizophrenia Research</i> , 2008, 100, 161-171.	2.0	29
144	Navigation of a Telepresence Robot via Covert Visuospatial Attention and Real-Time fMRI. <i>Brain Topography</i> , 2013, 26, 177-185.	1.8	29

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145	Predictive coding for motion stimuli in human early visual cortex. <i>Brain Structure and Function</i> , 2016, 221, 879-890.	2.3	29
146	Reliability of the corticospinal tract and arcuate fasciculus reconstructed with DTI-based tractography: implications for clinical practice. <i>European Radiology</i> , 2013, 23, 28-36.	4.5	24
147	Spatiotemporal characteristics of electrocortical brain activity during mental calculation. <i>Human Brain Mapping</i> , 2014, 35, 5903-5920.	3.6	24
148	Workshops of the Sixth International Brain-Computer Interface Meeting: brain-computer interfaces past, present, and future. <i>Brain-Computer Interfaces</i> , 2017, 4, 3-36.	1.8	24
149	Encoding of kinetic and kinematic movement parameters in the sensorimotor cortex: A Brain-Computer Interface perspective. <i>European Journal of Neuroscience</i> , 2019, 50, 2755-2772.	2.6	23
150	Classification of mouth movements using 7 T fMRI. <i>Journal of Neural Engineering</i> , 2015, 12, 066026.	3.5	22
151	Lateralization of motor innervation in children with intractable focal epilepsy—A TMS and fMRI study. <i>Epilepsy Research</i> , 2010, 90, 140-150.	1.6	21
152	Intracranial Recordings Reveal Unique Shape and Timing of Responses in Human Visual Cortex during Illusory Visual Events. <i>Current Biology</i> , 2020, 30, 3089-3100.e4.	3.9	21
153	Toward functional neuronavigation: implementation of functional magnetic resonance imaging data in a surgical guidance system for intraoperative identification of motor and language cortices. <i>Neurosurgical Focus</i> , 2003, 15, 1-6.	2.3	20
154	The effects of blood vessels on electrocorticography. <i>Journal of Neural Engineering</i> , 2011, 8, 044002.	3.5	20
155	Estimated Prevalence of the Target Population for Brain-Computer Interface Neurotechnology in the Netherlands. <i>Neurorehabilitation and Neural Repair</i> , 2017, 31, 677-685.	2.9	20
156	Acute effects of $\Delta^9$ -tetrahydrocannabinol (THC) on resting state brain function and their modulation by COMT genotype. <i>European Neuropsychopharmacology</i> , 2019, 29, 766-776.	0.7	20
157	Functional MRI. , 0, , 413-453.		19
158	The brain-computer interface researcher's questionnaire: from research to application. <i>Brain-Computer Interfaces</i> , 2017, 4, 236-247.	1.8	19
159	Reduced left subgenual anterior cingulate cortical activity during withdrawal-related emotions in melancholic depressed female patients. <i>Journal of Affective Disorders</i> , 2010, 127, 326-331.	4.1	18
160	Methods of the Pharmacological Imaging of the Cannabinoid System (<scp>PhICS</scp>) study: towards understanding the role of the brain endocannabinoid system in human cognition. <i>International Journal of Methods in Psychiatric Research</i> , 2011, 20, 10-27.	2.1	18
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